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GENERAL INFO

Policy information that people should know but often miss in the Checkout Agreement:

How many weeks in advance can you reserve equipment?:

Freshmen - one week.

Sophomores - two weeks.

Juniors - three weeks.

1st Year Graduate - two weeks

2nd Year Graduate - four weeks

3rd Year + Graduate - three weeks

Seniors - four weeks.

Equipment Quantity Limits:

C-Stands: 6

Arri Lighting Kits: 1

Kinos: 2

Track(Straight/Curved): 3/2

Scoops/Broads: 2 Total

Extension Kits: 2 C-Clamp Totas: 1

Flag Kits: 2 Sandbags: 15 Light Discs: 1 Light Meters: 1

Checkout Hours:

(Early-Semester) Monday - Friday: 8am - 5pm

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*Thanks to Tiffen and Lee Filters for their excellent filter descriptions.

COMMON SENSE

Before diving into all of the more technical information about equipment, there are a few important "common sense" concerns that all students should take into account when preparing for and undertaking a shoot using Checkout's gear.

- Read and understand your Checkout Agreement to avoid breaking policies and/or accruing fines.
- Do not leave equipment in a car, garage or other cold place overnight. NEVER EVER leave anything electronic! If you do leave items such as C-Stands or Dolly Tracks in cold temperatures, condensation will form when they warm up which will rust the metal you MUST wipe down these items with WD-40 to prevent this.
- When pulling any cable from a socket, pull from the end of the cable not the cord this will prevent the cord from weakening and eventually breaking.
- If you are unsure about the proper use of any piece of equipment, or have a problem during a shoot, do not hesitate to call Checkout: (406)994-6254. Consult *before* you act, not after!
- If equipment gets "stuck," don't force it, consult Checkout.
- If equipment God forbid breaks during your shoot, call Checkout as soon as possible so that work can begin on a solution to the problem as soon as possible.
- Do not leave gear unattended, keep track of everything you check out at all times.
- Return cables neatly wrapped and batteries fully charged.

CONTACT INFO

ADDRESS:

SFP EQUIPMENT CHECKOUT

Montana State University

Media & Theatre Arts

Visual Communications Building #214

P.O. Box 173350

Bozeman, MT 59717

PHONE:

Checkout Desk - (406)994-6254 Technology Coordinator - (406)994-6253

E-MAIL:

mtaugrad@montana.edu

ADAPTERS

Non-Reservable



BNC Barrel, Female



BNC Female to RCA Male



BNC Male to RCA Female



BNC Male to RCA Male



RCA Barrel, Female



RCA Barrel, Male



RCA Male to Double RCA Female



1/4in. Male to RCA Female



1/8in. Male to RCA Female



1/4in. Female to RCA Male



1/4in. Male to 1/8in. Female



1/4in.-M to 1/4in.-F



1/8in. Male to 1/4in. Female



1/4in. Male to 1/8in. Female



1/8in. Male to Double 1/4in. Female



1/8in. Male to Double 1/8in. Female



S-Video to RCA Male



S-Video to BNC Male



1/4in. Female to Female XLR Adapter



1/4in. M to Female XLR



XLR-M to 1/4in. Female



XLR Barrel, Female



XLR Barrel, Male



XLR Extender



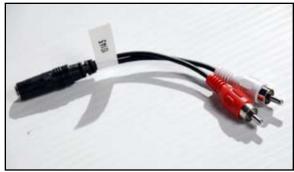
RCA Male to Double RCA Male



RCA Female to Double RCA Male



1/4in. Male to Two RCA Female



1/8in. Female to Double RCA Male



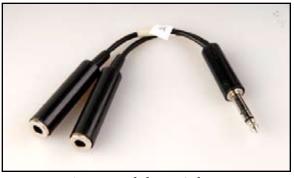
1/4in. Female to Double RCA Male



1/8in. Male to Double RCA Male



1/8in. Headphone Splitter



1/4in. Headphone Splitter



1/8in. Headphone Splitter, Three-Way



XLR Splitter



BNC Male to Coaxial Female



BNC Female to Coaxial Male



RCA Female to Coaxial Female



RCA Male to Coaxial Female



Mini DVI Male to DVI Female



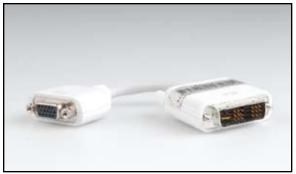
DVI Male to DVI Female



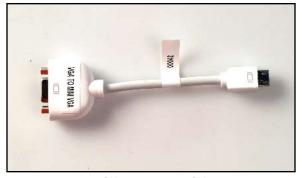
DVI Male to HDMI Female



DVI to S-Video/RCA



VGA to DVI



VGA to Mini VGA

BATTERIES

Non-Reservable

The batteries shown here are rechargeable and provided by Checkout. Any non-rechargeable batteries (AA, etc) will not be provided.

Do not drop batteries, all of them are worth at least \$100 apiece and break easily when dropped.

4-Pin Battery Belt

Kit Information:

Volts: 12v

Charge Time: 10 - 12 hrs.

Notes, Tips & Tricks

- Used to power Arri S/B, Arri M, Arri SR Series, Aaton XTR and Video Tap. (12 volt devices)
- Never plug into equipment while attached to AC (wall) power.
- Make sure that you have a cable that will adapt 4-pin output to your device.



5-Pin Battery Belt

Kit Information:

Volts: 12v

Charge Time: 10 - 12 hrs.

Notes, Tips & Tricks

- Used to power Arri S/B, Arri M, Arri SR Series, Aaton XTR and Video Tap. (12 volt devices)
- Never plug into equipment while attached to AC (wall) power.
- Make sure that you have a cable that will adapt 5-pin output to your device.



Canon S-12 Internal Battery

Kit Information:

Volts: 12v

Charge Time: 4 - 6 hrs.

Notes, Tips & Tricks

- Used to power Canon Scoopic (Internal.)
- Make sure you check that these batteries hold a charge before leaving checkout, as many of them are old.
- DO NOT check these batteries with a voltmeter, it will burn them out.





Eco-Charge DAT Battery

Kit Information:

Volts: 6v

Charge Time: 4 - 5 hrs.

Notes, Tips & Tricks

• Used to power Tascam DAT Recorders.



Hard Disc Recorder Battey

Kit Information:

Volts: 7.4v

Charge Time: 4 - 5 hrs.

Notes, Tips & Tricks

• Used to power Sound Devices 722 and 702 Hard Disc Recorders.



Panasonic Large Battery

Kit Information:

Volts: 7.2v

Charge Time: 4 - 5 hrs.

Notes, Tips & Tricks

• Used to power Panasonic HVX-200, and Panasonic DVX-100

Panasonic Medium Battery

Kit Information:

Volts: 7.2v

Charge Time: 3 - 4 hrs.

Notes, Tips & Tricks

• Used to power Panasonic HVX-200, and Panasonic DVX-100



Scoopic External Battery

Kit Information:

Volts: 12v

Charge Time: 8 - 10 hrs.

Notes, Tips & Tricks

• Used to power any 12-volt device, including Canon Scoopics and Aaton XTR.



Sony L-Series Large Battery

Kit Information:

Volts: 12v

Charge Time: 4 - 5 hrs.

Notes, Tips & Tricks

• Used to power Sony PD-150, PD-170, HVR-V1U and HVR Z1U. Can also power the Sound Devices 722 and 702 recorders.





Sony L-Series Small Battery

Kit Information:

Volts: 7.2v

Charge Time: 3 - 4 hrs.

Notes, Tips & Tricks

• Used to power Sony PD-150, PD-170, HVR-V1U and HVR Z1U. Can also power the Sound Devices 722 and 702 recorders.



Sony V-Mount Battery

Kit Information:

Volts:

Charge Time:

Notes, Tips & Tricks

• Used to power Sony DSR-250, DSR-570, HDW-700 and Monitors.

Non-Reservable





DO

DO NOT





These two cables do not fit together! Look carefully at the ends before connecting cables and never force anything. If they do not seem to fit, do not connect them.

4 to 6 Pin Firewire 400

Common Uses:

• Deck to computer connection. Plug into deck first, computer should not be turned on until after firewire is attached.



6 to 6 Pin Firewire 400

Common Uses:

• Hard drive connection to computer.



4 to 4 Pin Firewire 400

Common Uses:

• Connection of camera to other 4-pin device.



Firewire 800

Common Uses:

• Hard drive connection to computer - faster than Firewire



eSATA Cable

Common Uses:

- Really fast (3GB/s) connection.
- Work on specific lab computers.





Single RCA Cable

Common Uses:

• Audio or video connection - all purpose.



Double RCA Cable

Common Uses:

• Generally used for audio connection, but could also be



Triple RCA Cable

Common Uses:

• Audio and video connection all purpose. Could double as a component cable in a pinch, but might produce inferior images under such circumstances.



1/8in. TRS to Double RCA Cable

Common Uses:

• Audio connection - device to receiver (ex. iPod to mixer.)



1/8in TRS to Triple RCA Cable

Common Uses:

• Audio and video source to RCA receiver. (ex. Camera to

4 to 4 Pin Power Cable

Common Uses:

• Used to adapt power for 12 volt devices from a battery belt. Make sure you know how many pins the belt and device have so that you get the correct cable.



4 to 5 Pin Power Cable

Common Uses:

• Used to adapt power for 12 volt devices from a battery belt. Make sure you know how many pins the belt and device have so that you get the correct cable.



3 Pin IEC Power Cable

Common Uses:

• Most common power connector, used for computers,



BNC Cable

Common Uses:

• Video and audio connection.

Special Notes:

- 75 ohm.
- They vary in length, get the size you need.



Component Video Cable

Common Uses:

• For higher quality (professional, HD) video sources, essentially the same as a three way RCA cord, but meant to transfer red-green-blue information instead of audio-video.





DVI Cable

Common Uses:

• Connection of (Mac) computers to monitors.



DVI to HDMI Cable

Common Uses:

• Connection of (Mac) computers to digital TV or projector.



HDMI Cable

Common Uses:

• Connection of HD sources. Can now also transmit audio on



S-Video Cable

Common Uses:

• Video connection - slightly higher quality than single RCA video connection because red, green, blue and luminence channels are separated onto individual pins.



VGA to Component Cable

Common Uses:

• Connection of (Windows) computer to video receiver. Cannot convert analog signal to digital.

VHF "F" Coaxial Cable

Common Uses:

• Television connection. The ends can be adapted to act as many different types of cable.



Ethernet Cable

Common Uses:

• Internet/Network connection.



Mini USB-B to USB Cable

Common Uses:

• Connection of various devices to a computer.



USB Extension Cable

Common Uses:

- Extending the reach of USB connections to various devices.
- Only actually fits Apple USB.



USB 2.0 Cable

Common Uses:

- Printer connection, HVX dump drive to computer (included in HVX kit), hard drive connection.
- Speed equivalent to firewire 400 if attached to USB 2.0 capable port.





Duplex Cable

Common Uses:

• Running sound signal from boom microphone to recorder and from recorder to operator's headphones simultaneously.



1/4in. Male to 1/4in. Female

Common Uses:

- 1/4" headphone extension for on-set sound.
- Most commonly used with DAT recorder.



1/4in. Cable

Common Uses:

• 1/4" audio device connection.



1/8in. Cable

Common Uses:

• Audio source to audio input. (ex. Laptop to auxillary, iPod to whatever.)



XLR Cable

Common Uses:

• Connection of microphones to audio recording devices. Lengths vary.

1/4in. Male to XLR Female



1/8in. Male to XLR Female



RCA Male to XLR Female



1/8in. Male to XLR Female



1/4in. Male to XLR Male





RCA Male to XLR Male



Power Adapter Cable for Mac Book Pro Laptop

Common Uses:

• Adapting AC power to charge Mac laptops.

OTHER CABLES

- •Mono 1/4in.-M Cable
- •Mono 1/4in.-M to 1/4in.-F Cable
- •Mono 1/4in.-M to RCA-M
- •RCA Coaxial Cable
- •Stereo 1/4in.-M to Two Mono 1/4in.-M Cable
- •Stereo 1/4in.-M to Two RCA-M Cable

(These Cables are also available upon request.)

NEVER use a video camera as a deck. It wears out the head and would eventually make the camera unusable.

All lenses should be returned with aperture wide open.

Turn cameras off before changing the tape.

Cameras usually come with a UV filter attached to protect the lens. Make sure it is there when you pick up the camera. If you take it off, put it back on before you return the camera.

Do not leave the tripod plate attached to the camera when returning.

Arriflex M



Kit Information:

Aspect Ratio: 1.33:1 (4:3)

Lenses: Angenieux 12-120mm - T2.1 (Takes 72mm Filters)

Lens Mount: Arri Standard Bayonet

Accessories: 72mm Filters, Intervalometer, Arri Shoulder Mount

Tripods to Use: Cartoni C 20 S Tripod

Bogen 3066

Bogen 3066 Baby Legs

Bogen 510

Necessary Tripod Screw Size: 3/8-16"

Format: 16mm, B-wind - Single or Double perf.

Kit Weight: 14.5

Notes, Tips & Tricks:

- Attach only one lens at a time!
- This camera does not take daylight spools.
- When you put in a new motor, watch for the notch near the bottom that allows the motor to slide fully into the camera body.
- Be careful not to misplace the cap that comes off of the camera body when attaching a mag to the camera.
- Each of the three turret mounts on the

front of the camera has a cap as well. Don't lose these, either.

- Similar to the Arriflex S/B.
- Can be ramped with variable-speed motor.
- Must be loaded in changing bag or absolute darkness.
- Compatible with 4 1/2 Filter Set. (Pg. 51)

Top Right: The Arri M Kit includes 4 Magazines.

Bottom Right: The Arri M kit comes with only one lens, the Angenieux 12-120mm zoom, which takes 72mm filters.

Left: The Arri M requires a 3-pin power cable. This can be adapted to 4 or 5 pins with appropriate cable (inclued in



Reservable Item

Kit ID: M **Kit Contents:**

12-120 Zoom Lens

Camera Body

Camera Case

Core Adapter 51

Core Adapter 54

Core Adapter 66

Core Adapter 71

Core Adapter 72

Core Adapter 80

Mag

Mag

Mag

Mag

Mag Case Variable Motor

3 to 5 Pin Power Cable

3 to 4 Pin Power Cable

4 to 4 Pin Power Cable

Battery Belt





Arriflex S/B

Kit IDs: S1, S2		
Kit Contents:	-1-	-2-
10mm Lens	Yes	Yes
12-120mm Zoom Lens	Yes	Yes
17.5mm Lens	-	Yes
25mm Lens	Yes	-
4cm Kilar Macro Lens	Yes	-
50mm Lens	Yes	-
5.9mm Wide Angle Lens	-	Yes
75mm Lens	-	Yes
Camera Body	Yes	Yes
Core Adapter	Yes	Yes
Core Adapter	Yes	Yes
Mag	Yes	Yes
Matte Box	Yes	Yes
Matte Box Filter Frame	Yes	Yes
24fps Motor	Yes	Yes
ND3 Filter	Yes	Yes
ND6 Filter	Yes	Yes
ND9 Filter	Yes	Yes
Power Cord	Yes	Yes
Variable Motor	Yes	Yes

Kit Information:

Aspect Ratio: 1.33:1 (4:3)

Lenses: Angenieux 12-120mm - T2.1

(Takes 72mm Filters)

Schneider-Kreuznach 10mm – T1.8 Schneider-Kreuznach 25mm – T1.4

Schneider-Kreuznach 50mm – T2

Kilar Macro 4cm – T2.8

Lens Mount: Arri Standard Bayonet

Accessories: Intervalometer, Arri Shoulder Mount,

2x2 Lens Filters

Tripods to Use: Cartoni C 20 S Tripod

Bogen 3066

Bogen 3066 Baby Legs

Bogen 510

Necessary Tripod Screw Size: 3/8-16"

Format: 16mm, B-wind - Single or Double perf.

Kit Weight:

Notes, Tips & Tricks:

- Attach only one lens at a time!
- When you put in a new motor, watch for the notch near the bottom that allows the motor to slide fully into the camera body.
- Don't misplace the cap that comes off when you attach a mag onto the body.
- The turret mounts on the front of the camera each has a cap, don't lose these either.
- When using the 400ft mag, the eyepiece is difficult to look through.
- Make sure to set the film in the gate and then set the claw before closing the pressure plate.
- Once the film is threaded through the rollers, make sure they are pressed against the film, this will keep the film registered within the sprocket holes.
- This camera can be used with daylight spools.
- Similar to the Arriflex M.
- Compatible with 4 1/2 Filter Set. (Pg. 51)

Reservable Item





Arriflex 16 SRI



Kit Information:

Aspect Ratio: 1.33:1 (4:3)

Lenses: Angenieux 10-150mm T2.3, Zeiss 9.5mm T1.2,

Zeiss 12mm T1.2, Zeiss 16mm T1.2, Zeiss 25mm T1.2, Kinoptik 5.7mm T1.8

Lens Mount: Arri Standard Bayonet Accessories: Rain/Snow Cover

Tripods to Use: Cartoni C 20 S Tripod

Bogen 3066 Tripod

Bogen 3066 Baby Legs Tripod

Bogen 510 Tripod

Necessary Tripod Screw: 3/8-16"

Format: 16mm, B-wind - Single or Double Perf.

Kit Weight:

Notes, Tips & Tricks:

- This camera does not take daylight spools
- Must be loaded in changing bag or absolute darkness!
- Make sure that the Arri Standard Baymount is fully locked when attaching lenses.
- Can use battery belts with correct cable (4 or 5 Pin)
- DO NOT ramp speeds or go over 60 fps.
- Make sure to return all core adapters.



Left: The trigger grip, which is capable of starting and stopping the camera, helping to support and smooth movement,



Reservable Item

Kit ID: SR1

Kit Contents:

10-150 Angen. 12-120 Lens Adapter 9.5mm to 5.6mm Lens Adapter

300mm Lens

300mm Pelican Case

80A Filter

85 Filter

Battery

Battery

Battery Charger

Camera Body

Core Adapter

Core Adapter

Core Adapter

Core Adapter

Eyepiece

FLB Filter

FLD Filter

Fish Eye 12mm Lens

Haze Filter

Lens Adapter

Mag

Mag

Mag Cover

Matte Box

Matte Box Fork

Matte Box Pelican Case

Matte Box Rail

ND 0.3 Filter

ND 0.6 Filter ND 0.9 Filter

ND 0.9 FILLEI

On-Board Battery Adapter

Pelican Case

Polarizer Filter

Prime 12mm Lens Prime 16mm Lens

Prime 25mm Lens

Prime 25mm Lens

Prime 5.7mm Lens

Prime 9.5mm Lens

Prime Lens Pelican Case

Speed Control

T1.3/16/25 Lens Adapter

T1.3/9.5/12 Lens Adapter

Trigger Grip

Zoom Lens 10-150mm

Zoom Lens Stick

Left: The zoom bar, which makes changing lens length on the variable easier, especially in the case of a snap-zoom.

CAMERAS: Arriflex 16 SRII-A

Reservable Item

Kit ID: SR2-A **Kit Contents:**

12mm Prime Lens 16mm Prime Lens

25mm Prime Lens

9.5mm Prime Lens

Arri Tach

Battery

Battery

Battery Charger

Battery Power Adapter

Cam Throat Plate

Camera Body

Core Adapter

Core Adapter

Core Adapter

Core Adapter

Core Adapter Bag

Filter 138 MM Polarizer

Filter 4x4 80A

Filter 4x4 85

Filter 4x4 FLB

Filter 4x4 FLD

Filter Holder

Filter Holder

Filter ND3

Filter ND6

Filter ND9

Filter Pelican Case

Filter UV Haze 1

Follow Focus

Follow Focus Rod Guide

Follow Focus Case

Follow Focus Hand Crank

Follow Focus Whip

French Flag / Eyebrow

Long Rod

Long Rod

Mag

Mag

Mag Cover

Mag Cover

Matte Box

Matte Box Small Rod

Matte Box Rod

Matte Box Small Rod

Motor Zoom Control Pelican Case

Polarizer Filter Holder

Prime Lens Case

Super 16 Zoom Lens

Trigger Grip

Zoom Lens Cap



Above: SR2-A With Matte Box, Zoom Lens, Follow Focus attached, and Pistol Grip, Follow Focus Whip, Battery Charger and Battery shown next to it.

Right: All the Lenses for the SR2-A, 9.5mm, 12mm, 16mm, 25mm and 11-110mm Zoom Lens.



Zeiss 9.5mm T1.2

Zeiss 16mm T1.2

Kit Information:

Aspect Ratio: 1.78:1 (16:9)

Lenses: Zeiss 11-110mm T2.2,

Zeiss 12mm T1.2,

Zeiss 25mm T1.2

Lens Mount: Arri PL Mount

Accessories: Rain/Snow Cover, Video Tap, Changing Bag

Tripods to Use: Cartoni C 20 S Tripod

Bogen 3066 Tripod

Bogen 3066 Baby Legs

Bogen 510 Tripod

Necessary Tripod Screw Size: 3/8-16"

Format: Super 16mm, B-wind - Only Single perf.

Kit Weight: Box 1-57lbs.

Notes, Tips & Tricks:

- This camera does not take daylight spools!
- Must be loaded in absolute darkness.
- Make sure PL-mount is fully locked when attaching lenses.
- Make sure to return all core adapters.
- Can use battery belts with correct cable (4 or 5 Pin)
- Can ramp speeds.

Arriflex 16 SRII-B



Above: SR2-B With matte box and zoom lens attached, extra battery, battery charger, pistol grip and follow focus shown next to the camera.

Kit Information:

Aspect Ratio: 1.78:1 (16:9)

Lenses: Zeiss 12-120mm T2.4

Zeiss 12mm T1.2

Zeiss 16mm T1.2

Zeiss 25mm T1.2 Lens Mount: Arri PL Mount

Accessories: Rain/Snow Cover, Video Tap, Changing Bag

Tripods to Use: Cartoni C 20 S Tripod

Bogen 3066 Tripod

Bogen 3066 Baby Legs

Bogen 510

Necessary Tripod Screw Size: 3/8-16"

Format: Super 16mm, B-wind Single or Double Perf.

Kit Weight: Camera Box-57lbs, Prime Kit Box 2- 12.5lbs, Matte Box- 17.5 lbs, Zoom Lens Box, 7.5 lbs.

Notes, Tips & Tricks:

- Does not take daylight spools.
- Must be loaded in absolute darkness.
- Make sure PL-mount is fully locked when attaching lenses.
- Make sure to return all core adapters.
- Can use battery belts with correct cable (4 or 5 Pin). Kit comes with batteries.
- Cannot be ramped and do not exceed 60 fps.
- For better results, when using follow-focus, make sure you have tension on the pulley before starting a pull.

Reservable Item

Kit ID: SR2-B

Kit Contents: 1,8/10-100 Zoom Lens

12mm Prime Lens

16mm Prime Lens 25mm Prime Lens

28 Hard Matte

32 Hard Matte

35/40 Hard Matte

50 Hard Matte 75 Hard Matte

73 Haru Iviai

80A Filter

85 Filter

Battery

Battery

Battery Adapter Battery Charger

Camera Body

Camera Pelican Case

Core Adapter

Core Adapter

Core Adapter

Core Adapter

Core Adapter Bag

FLB Filter FLD Filter

Follow Focus Control

Haze Filter

Mag

Mag

Mag Cover

Mag Cover

Matte Box

Matte Box Double Rod Matte Box Pelican Case

Matte Box Rod

Matte Box Rod Guide

ND3 Filter

ND6 Filter ND9 Filter

Polarizer Filter

Prime Lens Box

Small Hard Matte

Speed Control

Trigger Grip

Throat Plate Cover



Right: The lesnses for the SR2-B. This kit comes with a 12mm, 16mm, 25mm and a 12-120 zoom lens.

Bolex H-16 Rex-4

Kit ID: BX

Kit Contents:

Camera Body

Case

Lens Case

Lens Filters # 01

Lens Filters # 02

Matte Box

Nikon Lens Adaptor

Prime Lens 10mm

Prime Lens 15mm

Prime Lens 25mm

Prime Lens 50mm

Prime Lens 75mm

Prime Lens Macro 26mm

Prime Lens Macro 75mm

Zoom Lens 17-85mm

Zoom Lens 17-85mm Lens

Shade

Zoom Lens 18-86mm

Zoom Lens 18-86mm Lens

Cap

Zoom Lens 18-86mm Lens

Shade

Zoom Lens 25-100mm

Reservable Item



Above: The Bolex H-16 Rex 4, with the 18-86mm zoom lens attached. **Below:** The rest of the lenses.

Bottom: The hand crank for the Bolex.





Kit Information:

Aspect Ratio: 1.33:1 (4:3)

Lenses: Kern-Pollard 18-86mm T2.5, Som 17-85mm T3.8, Canon 25-100mm T1.8, Switar 10mm T1.6, Soligor 15mm T1.9, Switar 25mm T1.4, MacroSwitar 26mm T1.1, Canon 50mm T1.8, Macro Switar 75mm

T1.9, Soligor 75mm T1.9 *Lens Mount:* C Mount

Tripods to Use: Bogen 3066 Tripod

Bogen 3066 Baby Legs

Peter Lisand Tripod

Bogen 510

Necessary Tripod Screw Size: 3/8-16" or 1/4-20" Format: 16mm, B-wind - Single or Double Perf. Kit Weight: Camera Box (1)- 25.5lbs, Lens Box (2), 11lbs.

Notes, Tips & Tricks:

- •This is a wind up camera, it does not need a battery.
- While winding, do not overcrank.
- Can be used with daylight spools.
- Use only one lens at a time!

Canon Scoopic



Reservable Item

Kit ID: Scoopic #1 - 10 Kit Contents: Camera Body Power Cord Daylight Core Case

Kit Information:

Aspect Ratio: 1.33:1 (4:3)

Lenses: (Built-in) Canon C-16 Zoom 12.5-75mm T2.5

Tripods to Use: Bogen 3066 Tripod

Cartoni Alfa-II Peter Lisand Tripod

Necessary Tripod Screw Size: 3/8-16" or 1/4-20" Format: 16mm, B-wind - Single or Double Perf.

Kit Weight: Box 1- 17.5lbs

Notes, Tips & Tricks:

- Takes daylight spools.
- It is not necessary to load this camera in total darkness, however, use included duvetyn to block light.
- NEVER use external and internal batteries at the same time.
- Do not trust the internal light-meter.
- Fixed lens camera, do not try to remove.
- Do not ramp speeds!
- Takes 72mm filters. (Pgs. 55-57)
- DO NOT check internal batteries with a voltmeter.





Left: Power cord for the Scoopic, a 5 pin power cable (which can attach to an external Scoopic battery or battery belt) to a camera specific 4 pin connection.

Above: The Scoopic speed dial. The Scoopic can shoot up to 64 frames per second, but it cannot be ramped

Canon Elura

Reservable Item

Kit Information:

Aspect Ratio(s): 16:9, 4:3

Lenses: Built-in

Tripods to Use: Sunpak

Necessary Tripod Screw Size: 1/4-20

Format: MiniDV - NTSC

Kit Weight: 2.5lbs



Kit ID: C1 - C8

Kit Contents:

RCA to Mini Cable

USB Cable

Battery

Battery

Camera Body

Power Adapter

Remote

Soft Case

Wide Angle Adapter

Power Cable



Camera accessories (from left): power cord, power adapter, RCA cable, batteries, remote, USB cable.

Notes, Tips & Tricks:

• C1 is actually a ZR850, but it is essentially the same.

Canon ZR 900

Below: The Canon ZR 900 with its LCD screen open.





Left: the metal lock washer prevents the ZR900's threads from being ripped up. Make sure your tripod has one. If not, ask Checkout for one.

Reservable Item

Kit IDs: ZR1 - ZR20 **Kit Contents:**

Power Adapter RCA to 1/8in.

Soft Case

Soft Case Strap

Battery (1 of 2)

Battery (2 of 2)

Battery Cap (1 of 2)

Battery Cap (2 of 2)

Battery Charger

Camera

Manual

Gray Card

Gray Card Case

Kit Information:

Aspect Ratio: 1.33:1 (4:3), 1.85:1(16:9)

Lenses: (Built-in) 2.6 - 96.2mm Frame Rate: 29.97 (NTSC)

Frame Resolution:

Tripods to Use: Cartoni Alfa-II

Sunpak

Necessary Tripod Screw Size: 1/4-20"

Format: MiniDV CCD Size:

Kit Weight: 2.0 lbs.

- Use Panasonic tapes only, buy one from Checkout.
- Batteries will not necessarily come charged, be prepared to charge the batteries. Please bring them back charged.
- •This camera has a plastic thread to mount it onto a tripod. These threads are easily stripped if the metal lock washer is not present and the camera is overtightened. Be careful. NEVER lift the tripod by the camera.

Panasonic DVX100



Reservable Item

Kit ID: DVX **Kit Contents:**

Battery Charger Camera Body Camera Pelican Case Power Adapter Power Cord Silica Gel Packs

Left: DVX-100 and its accessories

Kit Information:

Aspect Ratio: 1.33:1 (4:3), 1.85:1(16:9) - Letterbox

Lenses: Built-in Variable: 4.5 - 45mm

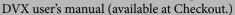
Tripods to Use: Cartoni Alfa-II, Peter Lisand Tripod

Necessary Tripod Screw Size: 1/4-20"

Format: MiniDV - NTSC, 30p, 24p, 24p (Adv.)

CCD Size: 1/3" CCD Kit Weight: 15.5 lbs.

- Do not lose XLR caps.
- Use Panasonic tapes only, buy one from Checkout.
- To learn more about the DVX's capabilities, check out the





Above: All camera packages come with a silica gel pack to keep the case and contents free of moisture.



Above: The lens and some of the controls on the left side of the DVX-100.

Panasonic HVX200 HD

Kit Information:

Aspect Ratio: 1.33:1(4:3), 1.85:1(16:9)

Lens: Fixed 4.2 to 55mm

Frame Resolution: 480i, 720p or 1080i

Record Medium: 8GB P2 Cards, Mini DV Tape (Panasonic)

Bogen 3066, Miller Cartoni, Vinten

Bogen 3066 Baby Legs

Peter Lisand Bogen 510

Necessary Tripod Screw Size: 1/4-20" Format: HD P2 Cards, Mini DV

CCD Size: 1/3" 3XCCD

Kit Weight:

Frame Rate: 24p, 24pa, 30p or 60i

Tripods to Use: Cartoni Alfa II

Reservable Item

Kit IDs: HVX 3 & 4 **Kit Contents:**

Battery Charger

Camera Body

Component Cable

Lens Cap

P2 Card 1

P2 Card 2

P2 Store Manual

Pelican Case

Power Adapter

Power Cord

Remote Control

Silica Gel Pack

USB 2.0 Cable

Right: The HVX-200 with all its accessories.





Above: The dump drive, stores up to 60GB of footage. Each of the HVX-200 HD kits come with two P2 storage cards. It must be on a stable, level surface while dumping or it may lose footage!

- Use only Panasonic DV tapes.
- Do not lose XLR covers.
- Always have P2 cards in the case, camera or dump
- Battery mounts are fragile and expensive, be careful.
- Component cable connection is fragile and finicky, must be supported.
- For more information about the functionality of the HVX, check out the HVX user's manual (available at Checkout.)
- Contains two built-in ND filters, 1/8 = 1 stop, 1/64 =
- •If you feel resistance when changing focal length manually, the servo is engaged, flip the switch on the side of the camera from A (Auto) to M (Manual.)

Sony DSR-250



Reservable Item

Kit ID: 1A & 2A Kit Contents:

On-Camera Mic
Polarizing Filter
Portabrace Case
Portabrace Raincover
Camera Body
Tripod Plate
Viewfinder
Wide-Angle Converter



Top: Camera body and fixed lens. Bottom: Tripod plate, on-board microphone and wide angle adapter.

Kit Information:

Aspect Ratio(s): 4:3

Lenses: Built-in 6mm - 72mm Accessories: Varizoom Control

> Diopters Doubler

Tripods to Use:

3066

C20

Miller

Beta Cartoni Beta Cartoni

Necessary Tripod Screw Size: 3/8-16

Formats: DVCAM, MiniDV

CCD Size:

Kit Weight: 22.0 lbs.

Notes, Tips & Tricks:

• Has one XLR input on front for on-board and two in back for microphone input. There is a switch to change from one to the other, make sure that you have switched it to the correct channel when recording audio.

Sony DSR-570



Reservable Item

		_	
-1-	-2-	-3-	
Yes	Yes	Yes	
Yes	Yes	-	
Yes	Yes	Yes	
	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes

Kit Information:

Aspect Ratio(s): 16:9, 4:3

Lenses: SD Lenses. 15x, 20x, 36x Lens Mount: 2/3" Bayonet

Accessories: Varizoom Control Tripods to Use: Miller

O'Connor (with 36X)

EFP/Sachtler (with 36X)

3066 C20

Vinten

Necessary Tripod Screw Size: 16

Formats: DVCAM, MiniDV

CCD Size:

Kit Weight: 24.0 lbs

- If using the 36x lens, you must use the EFP/Sachtler or O'Connor Tripod.
- Watch the gain switch, it is easy to switch on accidentally. You can set each gain option to zero.
- Black balance before asking why it isn't working; this is often the problem.
- Timecode in and out points must be set.
- Takes large DVCAM tapes in addition to MiniDV.

Sony HDW-700

Reservable Item

Kit ID: HDA & HDB

Kit Contents:

Viewfinder

On-Camera Mic Plate VCT-U14 Battery Charger Cable Kata Raincover Camera Body Battery Charger Hard Case



Kit Information:

Aspect Ratio(s): 16:9, 4:3

Lenses: HD Lenses.

Lens Mount: 2/3" Bayonet Accessories: Varizoom Control Tripods to Use: EFP/Sachtler

O'Connor 3066 C20

Necessary Tripod Screw Size: 3/8 16

Formats: HDCAM-1080i CCD Size: 2/3 inch

Kit Weight: 53.0 lbs.

- If using the 36x lens, you MUST use the Ronford-Baker/Sachtler tripod.
- Back focus needs to be reset every time the camera is turned on or off or moved from a hot to cold environment.
- There are two different menus. (Ask?)
- The 36x lens requires two people during attachment: one to hold the lens up and the other to screw in the support.
- The 700 with teh 36X HD lens and battery weights 32 pounds! Take into account when choosing a tripod!



The HDW-700 on the Sachtler/Ronford-Baker tripod.

Sony HVR-A1U



Kit Information:

Aspect Ratio(s):16:9

Lenses: Fixed 41mm - 410mm

Accessories: Amphibico Underwater Housing

Tripods to Use: Bogen Manfrotto

Cartoni Beta Glidecam Miller-Cartoni Vinten

Necessary Tripod Screw Size: 1/4 20

Formats: HDV - 1080/60i, MiniDV - NTSC

CCD Size:

Kit Weight: 15.5 lbs.

Notes, Tips & Tricks:

- This camera is specifically for use with the underwater housing, it may be checked out separately but you must make a special reservation.
- Has infrared "Night Shot" mode.
- Batteries are Kit specific and included.
- Lens hood has a special method of attachment. Ask at Checkout.

Reservable Item
Only for use with
Amphibico Housing
unless otherwise
approved

Kit ID: A1U
Kit Contents:

A/V Connecting Cable

AC Adapter

Battery NP-FM50

Battery NP-FM50

Battery NP-FM50

Battery Charger

Battery Charger Car Adapter

Component Cable

Camera Body

Lens Hood

Memory Stick & Adapter

On-board Mic

Pelican Case

Power Cord

Remote

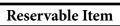
Silica Gel Pack

USB Cable

UV Filter

XLR Adapter Shoe Mount

Sony HVR-V1U



Kit ID:

Kit Contents:

A/V to RCA Cable

AC Adapter

Battery Charger

Battery Charger Car Adapter

Battery Charger Cord

Camera Body

Component Cable

DC Adapter

DC Battery Attachment

Lens Hood

On-Camera Mic

Power Cord

Raincover

Remote

Silica Gel Pack

Case

UV Filter

Wide Angle Adapter

Wide Angle Lens Hood



Kit Information:

Aspect Ratio(s): 16:9, 4:3

Lenses: Fixed mm - mm 62mm Diameter.

Accessories: Varizoom Control, Doublers, Diopters

Tripods to Use: Bogen-Manfrotto

Cartoni Beta

Glidecam

Miller-Cartoni

Vinten

Necessary Tripod Screw Size: 1/4-20

Formats: 1080i HDV, MiniDV, DVCAM

CCD Size:

Kit Weight: 12.5 lbs.

Notes, Tips & Tricks:

- Shoots at high speeds, but image quality decreases as drive speed increases.
- Needs BNC to RCA adapter for use with HD monitors.
- You must be shooting in DVCAM mode in order to record a different audio rate.
- Kits 4 and 5 do not come with a rain cover.
- The camera has a CMOS chip, not a CCD.

The wide angle lens adapter.



Sony HVR-Z1U



Kit Information:

Aspect Ratio(s):16:9

Lenses: Built-in 4.5mm - 54mm

Accessories: Amphibico Underwater Housing, Varizoom Control

Tripods to Use: Bogen Manfrotto

Cartoni Beta Glidecam Miller-Cartoni Vinten Tripod

Necessary Tripod Screw Size: 1/4 20

Formats: HDV - 1080/60i, 1080/50i, MiniDV - NTSC

CCD Size:

Kit Weight: 22.5 lbs.

Notes, Tips & Tricks:

• This camera is specifically for use with the underwater housing, it may be checked out separately but you must make a special reservation.

Reservable Item
Only for use with
Amphibico Housing
unless otherwise
approved

Kit ID: Z1U #1 **Kit Contents:**

AC Adapter w/Cord
Battery Charger Cord
Battery Charger
Lens Hood
Mini Triple RCA Cable
Pelican Case
RGB Cable
Remote
Viewfinder Eyepiece
Camera Body

Sony PD-150

Reservable Item



Kit IDs: PD150A - C			
Kit Contents:	-A-	-B-	-C-
58mm UV Filter	Yes	-	Yes
58mm Wide Angle Haze Filter	-	Yes	-
Battery Charger	-	Yes	Yes
Battery Charger Power Adapter	-	Yes	-
Battery Charger Power Cable	-	-	Yes
Camera Body	Yes	Yes	Yes
Filter Bag # 01	Yes	-	-
Filter Bag # 02	Yes	-	-
Filter Bag # 03	Yes	-	-
Lens Cap	Yes	Yes	Yes
Lens Hood	Yes	Yes	Yes
On-Board Mic	Yes	Yes	Yes
Pelican Case	Yes	Yes	Yes
Power Adaptor	Yes	Yes	Yes
Power Cable	Yes	Yes	Yes
Remote	-	Yes	-
Wide Angle Adapter (0.65X)	Yes	-	Yes
Wide Angle Back Lens Cap	Yes	-	Yes
Wide Angle Font Lens Cap	Yes	-	Yes
Silica Gel Pack	Yes	Yes	Yes



Top: The PD-150 camera body. **Above:** .65x wide angle converter which attaches to the front of the normal lens.

Kit Information:

Aspect Ratio: 4:3 or 16:9 Lens: Fixed 6 - 72mm T1.6 Frame Rate: 29.97, 30p Frame Resolution: 480i

Record Medium: Mini DV Tape (Sony), DVCAM

Tripods to Use: Cartoni Alfa II Necessary Tripod Screw Size: 1/4-20"

Format: MiniDV, DVCAM CCD Size: 1/3 inch, 3x CCD.

Kit Weight: 17.5 lbs.

- When connecting the wide angle lens to the camera, you must remove the UV filter first, be careful and take some extra time to do this properly. Make sure that it is firmly attached before letting go.
- The LCD screen is color and the eyepiece is black and white.
- Important Audio Information: When set to CH1, both XLR inputs operate independently. When CH1 and CH2 are selected, only CH1 is used and the audio from CH1 is duplicated onto CH2.

Sony PD-170

Reservable Item

Kit Information:

Aspect Ratio(s): 16:9, 4:3 Lenses: Fixed Lens Lens Mount: 2/3" Bayonet

Accessories: Varizoom Control, Diopters,

Doublers, Underwater Housing Tripods to Use: Bogen-Manfrotto

Cartoni Beta Glidecam Miller-Cartoni Vinten

Necessary Tripod Screw Size: 1/4-20

Formats: MiniDV

CCD Size: 1/3 inch, 3x CCD

Kit Weight: 12.5 lbs

Notes, Tips & Tricks:

- Has zoom control on lens hood, a better lens hood and better audio than the PD-
- The LCD screen is color and the eyepiece is black and white.
- Important Audio Information: When set to CH1, both XLR inputs operate independently. When CH1 and CH2 are selected, only CH1 is used and the audio from CH1 is duplicated onto CH2.





The wide angle lens adapter.

Kit ID: PD170#1 - 9

Kit Contents:

Camera Body

AC Battery Attachment

AC Adapter

Battery Charger

Lens Hood

On-Camera Mic

Raincover

Power Cord

RCA Cable

Remote

Case

Polarizer

UV Filter

Wide Angle Adapter

Wide Angle Lens Cap Wide Angle Lens Hood

Power Cord Silica Gel Pack



Various camera accessories.

CAMERA ACCESSORIES

METERS: Analog/Digital Light Meter

Kit IDs: Analog Meter: 1 - 3 **Kit Contents:**

Analog Light Meter Light Meter Case

Reservable Item

Analog Light Meter

Notes, Tips & Tricks:

- Make sure you know whether or not the high slide is in when metering.
- Do not lose the high slide, it is small and sometimes loose.
- Do not remove the incident bulb.



Above: The analogue light meter and case. All meters have rotating heads and protective slides for outdoor bright-light metering.

Right: Checkout has more than one kind of digital light meter, make sure you know how to use the one you get.

Digital Light Meter

Notes, Tips & Tricks:

- Cases easily come open, make sure you properly secure the light meter.
- Has both spot and incident capability, just slide the bulb.
- Check out a manual if you don't know how to use a digital light meter. As noted above, there are a few different types.



Reservable Item

Kit ID: Digital Light Meter 4-22 **Kit Contents:**

Digital Light Meter Light Meter Case

METERS: Color Meter



Reservable Item

Kit ID: Color Meter Kit Contents: Minolta Color Meter Color Meter Case

Minolta Color Meter

Notes, Tips & Tricks:

- Check out the manual if you are unsure how to operate the color temperature meter.
- Tungsten light measures at around 3200 degrees Kelvin and daylight measures at around 5600 degrees Kelvin.

Left: The color temperature meter is good for when you are trying to match a scene shot over two days or a longer period of time.

Changing Bag and Video Tap

Left: A film changing bag is one of the most important things to keep safe on a film shoot. If it gets ripped and someone does not notice, it could ruin your film before you even send it out to the lab.

Changing Bag

Notes, Tips & Tricks:

- There are only six of these. That means that there is only one to go with each film camera that needs one, the SR1, SR2-A, SR2-B, M, S1 and S2. If you get a Scoopic or the Bolex, you should use daylight spools as much as possible because there will not be a changing bag available for you to checkout.
- The S/B cameras take daylight spools, but can also use a 400 foot mag. That is why they are in the group listed above.
- Visually inspect changing bag for holes, tears, dust and dirt - the best to check for light leaks is to stick your head into the bag in a bright



Non-Reservable

Kit IDs: CB1 - CB6 Kit Contents: Changing Bag

Changing Tent

Notes, Tips & Tricks:

- There are only two of these. . If you get a Scoopic or the Bolex, you should use daylight spools as much as possible because there will not be a changing bag/ tent available for you to checkout.
- The S/B cameras take daylight spools, but can also use a 400 foot mag. That is why they are in the group listed above.
- Visually inspect changing tent for holes, tears, dust and dirt the best to check for light leaks is to stick your head into the bag in a bright area.

Reservable Item

Kit ID: T1-T2 Kit Contents:

Bag Tent Pole 1 Pole 2



Above: Changing Tent with Bag

VHS Recorder and Changing Bag

Reservable Item

Kit IDs: VHS1-VHS2 **Kit Contents:**

Portable VHS Recorder

Case

Right: The front of the VHS recorder

Below: The Back of the VHS recorder

Notes, Tips & Tricks:

- Can be useful to record dailies from the video tap.
- Powered with 12-volt battery belt. (Make sure you get one with the correct number of pins. 4 or 5)
- Need four pin female adapter to whichever battery belt you get.





Reservable Item

Kit IDs: VT#1 **Kit Contents:**

Video Tap Cable Case

Video Tap

Notes, Tips & Tricks:

- If you tilt the video tap (dutch angle) it will also tilt the image on your monitor. It is essentially just a small camera that looks into the eyepiece.
- DO NOT attempt to charge the battery while powering the video tap. It will shock you and fry the video tap.
- If it shocks you, unplug everything and start over.



Above: Great for having the director or a script supervisor look at acting performance from a monitor rather than cram 6 people in a bathroom.

Intervalometer & Varizoom



Reservable Item

Kit ID: IN1 & IN2 Kit Contents:

4-Pin to 5-Pin Power Cable

Box

Motor

Remote

Remote Cable



Intervalometer

Kit Information:

Notes, Tips & Tricks:

- Only for the Arri M and the Arri S/B.
- Make sure you are running the film the way you want, there is a forward and reverse switch that is easy to flip.
- For information on additive speeds, see the manual.
- You should check out a set of ND filters with the intervalometer so you can correct for the slower shutter speed.
- See APPENDIX A for timelapse charts.
- You do not need to power the camera while using the intervalometer, only the intervalometer itself.



Bottom: This is the motor that goes into the

Arri S/B or M

Top: The entire kit (without the box).

Middle: The remote is where you set the frames per second and which direction you want the camera to run.

Kit ID: #1 - #9 Kit Contents: Varizoom Control

Reservable Item



Varizoom Control

Kit Information:

Compatible Cameras: Sony 150, Sony 170, Sony 250

- Used to mechanically control zoom speed.
- Attach the varizoom control to the tripod handle or hand hold it.

Rain Covers

Non-Reservable

Kit IDs: AR Kit Contents: Arri SR Raincover

Arriflex SR Raincover

Notes, Tips & Tricks:

- This is water protection, not water proofing.
- When snow melts, it becomes water, protect the camera.
- Please use as shown. Make sure it is correctly attached. Practice and ask about proper attachment at Checkout.



Above: Getting water in the camera is not only bad for the camera, but also for your film and pocketbook.

Non-Reservable

Kit IDs: PDR
Kit Contents:

PD-150 Raincover

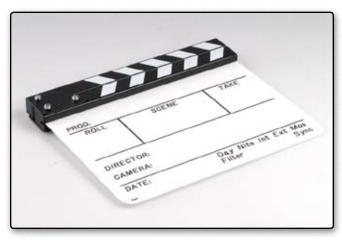
PD-150 Raincover

- This is water protection, not water proofing.
- When snow melts, it becomes water, protect the camera.



Above: Electric circuits and water don't get along.

Slate



Above: Good slating can save and editor a lot of time.

Reservable Item

Kit IDs: Large Slate 1 - 7, Grad Clap Slate A & B **Kit Contents:**

Large Slate

Large Slate

Kit Information:

Notes, Tips & Tricks:

- Slate must be clean when returned to Checkout. Pull off all tape and wipe off all marker. Tape use is recommended over marker because sometimes marker is difficult to clean off, even if it is "dry-erase."
- Use properly.



Above: Even though they are smaller they still convey all the same information as a large slate.

Reservable Item

Kit IDs: Small Slate 1, 3 - 12

Kit Contents:

Small Slate

Small Slate

Kit Information:

- Slate must be clean when returned to Checkout. Pull off all tape and wipe off all marker. Tape use is recommended over marker because sometimes marker is difficult to clean off, even if it is "dry-erase."
- Use properly.

Field Monitors

Reservable Item

Kit ID: HDM1 & HDM2

Kit Contents:

AC Adapter

Portabrace Case

Power Cable

Component Cable

Monitor

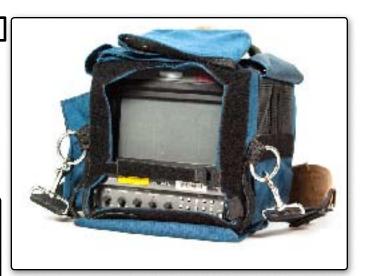
HD Field Monitor

Kit Information:

Inputs: Component with a BNC input.

Notes, Tips & Tricks:

• Calibrate the monitor each time you check it out





Reservable Item

Kit ID: M1 & M2

Kit Contents:

BNC Cable

BNC Cable Adapter

Portabrace Case

Power Cable

Monitor

SD Field Monitor

Kit Information:

Inputs: S-Video, BNC

Notes, Tips & Tricks:

• Needs to be adapted from V1U component out to monitor component in.



Above: the inputs on the back of the monitor.

Miscellaneous



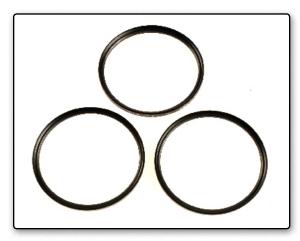
Reservable Item

Kit ID: LCD Magnifier A & B Kit Contents: LCD Maginifier Case

LCD Magnifier

Kit Information:

Attachable to: Sony PD150, Sony PD170



Non-Reservable

Magnifying Lenses

Kit Information:

Diameter: 72mm

Notes, Tips & Tricks:

- Attaches to the end of the lens like a filter.
- Used to take extreme close-ups.



Above: Can be very important for focus in case a cameras back focus is off.

Non-Reservable

Kit IDs: 1-3 Kit Contents:

Measuring Tape

- Tape is soft canvas rather than metal.
- Useful for measuring distance, height, etc.

Underwater Housings/Gear

Reservable Item Certification Req.

Kit ID: UH1 Kit Contents:

Housing Pelican Case Spare O-Rings, Lube, Wrench White Card

A₁U Underwater Housing

Kit Information:

Notes, Tips & Tricks:

- You cannot change the battery for the A1U camera with the baseplate for the housing still attached.
- When shipping, always leave the housing door open.
- Make sure that the O-rings are not cracked or showing any signs of visual damage. They should be supple and well lubricated.





Reservable Item Certification Req.

PD-170 Underwater Housing

Kit ID: UH2 **Kit Contents:**

Allen Keys and Lube

Focus Ring

Pelican Case

LANC Cable and Viewfinder Stopper

Housing

Handle

Internal Filter Ring

Spare O-Rings

Manual



PD-170 Underwater Housing

Kit Information:

Notes, Tips & Tricks:

• As you go deeper, pressure increases and squeezes the housing more tightly together. If there are any leaks, they will generally manifest themselves during the first few feet of submersion. Place housing in shallow water and look for leaks before going deeper.



Underwater Housings/Gear



Reservable Item

Amphibico Light

Kit ID: UH3
Kit Contents:
2 X Discovery 10 Light
Extended T-Bracket
Light Extension Arm
Pelican Hard Case
Spare O-Rings and Lube



Reservable Item Certification Req.

Kit ID: UH4
Kit Contents:
Allen Keys (x2)
LANC Cable
Neoprene Viewfinder Cover
Pelican Case
Phenom Housing
Phenom Housing Handle
Spare O-Ring Kit and Lube
Spare O-Ring Kit and Lube
Phenom Manual



Z1U Underwater Housing

Kit Information:

Underwater Housings



Reservable Item Certification Req.

Kit ID: UH5 for V₁U **Kit Contents:**

Endeavor Underwater Housing Bulkhead Screw Bulkhead Screw Bolt Dome Port O-Ring Kit Spare Dome Port Spare Dome Port Case Travel Case

Below: The Endeavor Houseing it the only housing to feature a live viewfinder in the housing!





Above: Easy Iris Control at your fingertips! All controls are easily reached, even the menu.

Kit Information:

Compatible Camera: V₁U Kit Weight: 51.5

Notes, Tips, and Tricks:

- This is the nicest of our underwater housing...
 It happens to be the only one with a live viewfinder.
- This only works with the Sony V₁U, a really nice HD camera.
- Whenever you use an underwater port, MAKE SURE that the O-rings are greased and in place.
- Do not store the housing with the O-rings in place, this puts unnecessary stress on the rings and can cause them to break... which is bad when you are underwater!

LENSES: HD Lens 36X



Reservable Item

Fujinon 36x HD Lens (for Sony 700) Kit Information:

Focal Length: 10.5 - 378mm Aperature: f2.2 - f16 Filter Size: 127mm Lens Mount: PL Mount

Notes, Tips & Tricks:

• When mounting the 36x, make sure the support washer spins freely until the screw is completely tightened. Only then should you tighten the lens support itself.

Kit ID: 36xHD **Kit Contents:**

Lens
Lens Support Bolt
Lens Support Screw
Lens Support Washer
Support Locking Screw
Focus Control FMM-3B
Focus Control Cable
Focus Control Handle
Lens Support
Zoom Control Handle
Pelican Case





Top: lens mount and focus control accessories.

Middle: The HDW-700 with the 36x lens attached.

Bottom (Left): The lens mount attachment demonstrated.

LENSES: HD Lenses

Reservable Item

Kit ID: 13xHD **Kit Contents:**

Lens Case

Fujinon 13x HD Lens (for Sony 700)

Kit Information:

Focal Length: 4.5 - 60mm Aperature: f1.8 - f16 Filter Size: 127mm Lens Mount: PL Mount

Reservable Item

Kit ID: 15xHD **Kit Contents:**

Lens Case

Fujinon 15x HD Lens (for Sony 700)

Kit Information:

Focal Length: 8 - 120mm Aperature: f1.9 - f16 Filter Size: 95mm Lens Mount: PL Mount



Reservable Item

Kit ID: 17xHD **Kit Contents:**

Lens Case

Fujinon 17x HD Lens

Kit Information:

Focal Length: 8 - 133mm Aperature: f1.8 - f16 Filter Size: 86mm Lens Mount: PL Mount

LENSES: Probe Lenses







Above: The two lenses.

Left: The ends of the two lenses.

Below: Mounting Pieces

Reservable Item Certification Req.

Kit ID: 36xHD **Kit Contents:**

Straight Probe Lens 45 degree Probe Lens **B4** Lens Mount Israeli Arm Adapter Israeli Arm Bracket Israeli Arm Cardellini Clamp Hard Case 1 Hard Case 2

InnoVision 6000 Series Endoscope (for Sony 570 & Sony 700) **Kit Information:**

Focal Length: 20mm

Aperature: 35mm-T45: Video/16mm-T30

Filter Size: N/A

Lens Mount: PL Mount

- Need a lot of light to expose properly.
- A flashlight can be attached to them to help with exposure. Ask abou t how this is properly done. Checkout does not provide flashlights or batteries.

LENSES: SD Lenses

Reservable Item

Kit ID: 15xSD **Kit Contents:**

Lens Case

Fujinon 15x SD Lens (for Sony 570)

Kit Information:

Focal Length: 8.5 - 127.5mm Aperature: f1.7 - f16 Filter Size: 82mm



Reservable Item

Kit ID: 12xSD #1 & #2

Kit Contents:

Lens Case

Fujinon 20x SD Lens (for Sony 570)

Kit Information:

Focal Length: 8.6 - 172mm Aperature: f1.8 - f16 Filter Size: 86mm



Reservable Item

Kit ID: 12xSD #1 & #2

Kit Contents:

Lens

Mounting Bracket

Case

Fujinon 36x SD Lens (for Sony 570)

Kit Information:

Focal Length: 10.5 - 378mm

Aperature: f2.2 - f16 Filter Size: 127mm

CAMERA FILTERS

All filters must be returned clean - free of dust or fingerprints. Use a lens cleaning kit to clean filters.

When shooting tungsten film outside, use an 85 filter to correct to daylight (5600K)

When shooting daylight film inside, use an 80A filter to correct to tungsten (3200K)

FILTERS: 3x3

80A: 85BN6: Used for Used for converting converting daylight film for type B film to use with 3200K daylight, with an ND .6. lamps. F-Stop Increase: F-Stop Increase: 2 2/3 85: 85N.3: Used to Used for convert daylight converting (5600K) to tungsten film for daylight, tungsten (3200K) with a ND .3. F-Stop Increase: F-Stop Increase: 1 2/3 2/3 85 Polarizer: 85N.6: An 85 combined Used for with a Polarizer, converting Used like an 85 with tungsten film the advantage of a for daylight, Polarizer. F-Stop Increase: with a ND .6. F-Stop Increase: 2 1/3 2 2/3 85N.9: 85B: Used for Used for converting converting type B film to tungsten film daylight. for daylight, F-Stop Increase: with a ND .9. F-Stop Increase: 2/3 3 1/3 85BN3: 85N1.2: Used for Used for converting converting type B film to tungsten film daylight, with for daylight, an ND .3. with a ND 1.2. F-Stop Increase: F-Stop Increase: 1 2/3 4 1/3

FILTERS: 3x3

CC05M: Used for balancing against too much green.	Clear/Haze/UV: Used for protecting the lens.
F-Stop Increase: None	F-Stop Increase: None
CC10M: Used for balancing against too much green. F-Stop Increase: 1/3	Double F3: For creating a fog effect. The double fog filter is softer than the normal fog filter but affects contrast more.
CC20M: Used for balancing against too much green. F-Stop Increase: 1/2	FLB: With Type A film, used to eliminate blue- green cast by fluorescent bulbs F-Stop Increase: 1
CC30M: Used for balancing against too much green. F-Stop Increase: 2/3	FLD: With daylight film, used to eliminate bluegreen cast by fluorescent bulbs. F-Stop Increase:
CC40M: Used for balancing against too much green. F-Stop Increase: 3/4	Graduated N.3: Is half ND.3 and half clear with a smooth transition in between. F-Stop Increase:

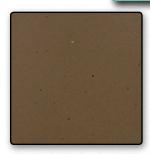
FILTERS: 3x3

Graduated N.6: Is half ND.6 and half clear with a smooth transition in between.

F-Stop Increase:



N.6:
Used for
reduction of
light without
changing color
value.
F-Stop Increase:



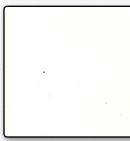
Graduated Sunset:
Is half orange and half clear with a smooth transition in between.
F-Stop Increase:



N1.5:
Used for reduction of light without changing color value.
F-Stop Increase:



Haze 2A:
Used to
absorb almost
all UV light,
Absorbs more
than a Haze 1.
F-Stop Increase:
None



Sky:
Decreases the "bluishness" during outdoor shooting.
F-Stop Increase: 1/10th



N.3:
Used for reduction of light without changing color value.
F-Stop Increase:



Softnet 3W: Softens the image, rendering possible facial blemishes less noticeable. *F-stop Increase*: 1/3 - 2/3



Star 3mm:
Gives light
"halos" the
impression
of being star
shaped.
F-Stop Increase:
None



FILTERS: 72mm



80A:
Used for
converting
daylight film for
use with 3200K
lamps.
F-Stop Increase:



85:
 Used for converting tungsten film for daylight balanced light sources.

F-Stop Increase: 2/3



81A:
 Used for
balancing
daylight film to
electronic flash.

F-Stop Increase: 1/3



85A:
Decreases
the color
temperature
slightly more
than an 85 filter.
F-Stop Increase:
2/3



81C:
Used to
permit the use
of clear flash
lamps.

F-Stop Increase: 1/3



85B:
Used for converting type B film to daylight.

F-Stop Increase:



82A:

Used to help stop excessive red of morning or evening light.

F-Stop Increase: 1/3



85C:

Used for converting daylight in late afternoon when full 85 is too warm. *F-stop Increase*: 2/3



82B:

Used the same as an 82A, but with cooler results.

F-Stop Increase:



85N.3:

Same as an 85 filter with an ND.3 on it.

F-Stop Increase: 1 2/3

FILTERS: 72mm

85N.6: Same as an 85

filter with an ND.6 on it.

F-Stop Increase: 2 2/3



Close-Up Lens: Used for extreme closeup photography. A magnifying lens. F-Stop Increase: None



85N.9:

Same as an 85 filter with an ND.9 on it.

F-stop Increase: 3 2/3



FLB: With Type A film, used to eliminate bluegreen cast by fluorescent bulbs F-Stop Increase:



CCA12: Same as 85

filter, made by Canon.

F-Stop Increase: 2/3



FLD: With daylight film, used to eliminate bluegreen cast by fluorescent bulbs. F-Stop Increase:



Circular Polarizer:

Polarizes light. Increases contrast and gets rid of reflections.

F-Stop Increase:



Green 11: Used for B&W film. Provides pleasing flesh tones against the sky. F-Stop Increase: 2



Graduated N.6: Is half ND.6 and half clear with a smooth transition in between.

F-Stop Increase:



Haze: Used for reducing blues by absorbing ÚV.

F-Stop Increase: None



FILTERS: 72mm



N.3:
 Used for reduction of light without changing color value.
F-Stop Increase:



67 - 72 Step Up Ring: Used to convert one filter size to the next. F-Stop Increase: None



N.6:
Used for reduction of light without changing color value.
F-Stop Increase: 2



Sky 1A: Used for reducing blues and adding warmth



F-Stop Increase: None



Used for reduction of light without changing color value. *F-Stop Increase*: 3

N.9:

Skylight 1: Absorbs UV light.





N1.2:
Used for reduction of light without changing color value.
F-Stop Increase: 2/3



Skylight 1B: Absorbs UV light and adds warmth.

F-Stop Increase: None



Red 25: Used for B&W film. Can create dramatic sky effect.

F-Stop Increase:

FILTERS: 4 1/2 Filter Set

Reservable Item

Kit IDs: 4 1/2 Filter Set **Kit Contents:**

Case

4 1/2 Adapter Ring Haze 2A Filter Clear Round Filter Double Fog Filter Center Spot Filter Split Diopter



- Can be attached to Scoopics.
- Can be attached to 72mm filter compatible lenses in Arri S/B and Arri M kits.
- Can also be attached to the Angenieux variable lens that comes with the Aaton XTR.



The split diopter and lens hood on a zoom lens.



FILTERS: Series 9 Filter S



Reservable Item

Kit IDs: Series 9 Filter Set **Kit Contents:**

Case
4 1/2 Adapter Ring
Haze 2A Filter
Clear Round Filter
Double Fog Filter
Center Spot Filter
Split Diopter



- Can be attached to Scoopics.
- Can be attached to 72mm filter compatible lenses in Arri S/B and Arri M kits
- With included 58mm ring, can be attached to PD-150.

CAMERA SUPPORT

Common thread sizes: 1/4-20 (Small), 3/8-16(Big)

Be careful to keep track of and return plates and screws - do not leave them attached to the camera when returning.

Some cameras are too big for some tripods - make sure to check out a tripod that is approved for use with your camera package.

Return with arm locked down and Pan/Tilt loose. DO NOT leave the arm loose, or it may strip itself out.

Fluid heads can freeze, they MUST be kept in a warm place overnight.

Arri Shoulder Mount

Reservable Item

Kit ID: AS
Kit Contents:
•Arri Shoulder Mount



Above: Shoulder mount without a camera on it.



Above: Shoulder mount with a camera on it.

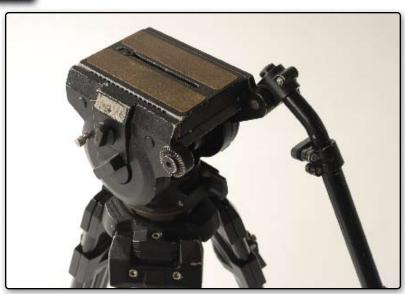
Kit Information:

Screw Sizes: 3/8-16

Attachable Cameras: Arriflex S/B and M

- Not for use with video cameras.
- Specifically designed for M & S/B cameras and has a start/stop switch that works only with those cameras.
- Do not use the start/stop switch with any other film camera.

Bogen 3066 Baby Legs



Above: Head and plate of Bogen Baby Legs

Right: The Baby legs compared to the regular Bogen tripod.

Reservable Item

Kit ID: BL 1 & 2 **Kit Contents:**

- •Bogen Baby Legs
- •Plate
- Head



Kit Information:

Ball Size: 100mm Height: 19" - 26"

Weight Capability: 44 lbs. Screw Sizes: 3/8-6, 1/4-20

Attachable Cameras: All Cameras except DSR-570s and HDW-700s with 36x lenses attached.

Number of Stages: 2

- Tripod screws are stowed under the plate. You must remove the plate to get to them.
- The Baby Legs' head is the same as the head for the full sticks, they are interchangeable. The 3066 head can also be used with the Losmandy Porta-Jib.
- Compatible with Bogen Rollers.
- Be careful with the locking levers on the legs, they can break off.

Bogen 3066 Tripod

Kit ID: BG 1-4 Kit Contents:

Bogen Sticks Head Plate Spreader Screws

Below: The head of a Bogen 3066 is the same as the baby Bogen 3066



Reservable Item



Above: Looking down at the level of a Bogen 3066

Kit Information:

Ball Size: 100mm Height: 35" - 59"

Weight Capability: 44 lbs. *Screw Sizes:* 3/8 - 16, 1/4 - 20

Attachable Cameras: All Cameras except DSR-570s and HDW-700s with 36x lenses attached.

Number of Stages: 2

- Tripod screws are stowed under the plate. You must remove the plate to get to them.
- The Losmandy Porta-Jib uses the 3066 head, so you will need to check out this tripod or the baby legs if you are planning to use the jib.
- Compatible with Bogen Rollers.
- Be careful with the locking levers on the legs, they can break off.

Bogen Rollers



Reservable Item

Kit ID: BR1 - BR4 **Kit Contents:** Rollers

Left: Used to make almost any tripods into dolly's. Great for shooting in Studio B.

- The Bogen rollers allow easy movement of tripods on smooth surfaces such as the studio floor, however, do not use them outdoors or they will get gummed up.
- Compatible with: Bogen 3066 Tripod & Baby Legs, Cartoni C20 Tripod and Bogen Manfrotto Tripod.



Above: The bogen tripod on the rollers.

Bogen Manfrotto Tripod

Reservable Item

Kit ID: MF1 - MF7

Kit Contents:

503 Tripod Head

Spreader

Arm

Sticks

Plate

Case

Bogen Manfrotto Tripod

Kit Information:

Ball Size: N/A Height: 7" - 70.1"

Weight Capability: 15.4 lbs.

Screw Sizes: 1/4-20

Attachable Cameras: A1U, V1U, Z1U, PD-170, PD-150, DVX100 and

HVX200

Number of Stages: 3

Notes, Tips & Tricks:

• Only MF1 comes with a spreader.



Above: the foot. Note the metal end, which might damage a hardwood floor or other surface.

Top: the head and plate.

Right: The legs partially extended.





Cartoni Alfa-II Tripod

Below: The Cartoni Alfa set up, notice the padded rubber feet.

Reservable Item

Kit ID: C 1- C25 Kit Contents:

Bag Plate

Cartoni Sticks



Kit Information:

Ball Size: 100mm Height: 33" - 62"

Weight Capability: 22 lbs. Screw Sizes: 1/4 - 20

Attachable Cameras: DVX100, HVX200, A1U, V1U, Z1U, ZR-900, Scoopic,

PD-150 and PD-170,

Number of Stages: 2

- If the plate will not stay fully latched, don't panic, there is a small phillips screw that needs to be tightened on the right side of the head, check this before leaving with gear so that Checkout can fix it.
- The spring under the tripod plate often detaches from the lock lever. This will cause the plate to not latch correctly. Test this before leaving and notify Checkout so that it can be fixed.
- The feet can be removed, make sure that they are all present when checking tripod out and when returning tripod.
- When attaching the plate, insert the plate at an angle and then set it flat so that it clicks to lock. It will not slide in from the front or back.
- Read the opening page of the camera support section for additional, mandatory information about tripods.



Above: This is the proper way to attach the plate to the head, it snaps down - it does not slide in!

Cartoni Beta Tripod

Reservable Item

Kit ID: B1 - B2 Kit Contents:

Spreader

Arm

Head

Sticks

Plate

Case

Cartoni Beta Tripod

Kit Information:

Ball Size: 100mm Height: 29" - 54"

Weight Capability: 32 lbs. Screw Sizes: 1/4-20, 3/8-16

Attachable Cameras: A1U, V1U, Z1U, PD-170, PD-150, DVX100, HVX200, Arri M, Arri S/B and Scoopics

Number of Stages: 2

Right: with sticks partially extended and case.

Below: the head and plate.





Cartoni C 20 S Tripod



Kit Information:

Ball Size: 100mm Height: 20" - 72"

Weight Capability: 61 lbs. Screw Sizes: 3/8-16, 1/4-20

Attachable Cameras: All film Cameras

Number of Stages: 2 - 2

Notes, Tips & Tricks:

- Plate on tripod slides to balance camera so it is not front or back heavy. (Use dial on side.)
- Compatible with Bogen Rollers.
- Spreaders attach on bottom, feet must be removed to attach them. DO NOT LOSE THEM.



Above: The head of the C 20 S tripod.

Reservable Item

Kit ID: CA Kit Contents:

Baby Legs Baby Legs Case Head Head Case Plate

Spreader Tall Legs Tall Legs Case Tripod Foot

Tripod Foot Tripod Foot

Left: The complete Cartoni C 20 S tripod kit. Has both a set of baby legs and regular legs.

Glidecam & ABC Jib

Glidecam 4000 Pro

Kit Information:

Height: 20" - 26.5"
Weight Capability: 10

Weight Capability: 10 lbs. Screw Sizes: 1/4-20, 3/8-16

Attachable Cameras: A1U, V1U, Z1U, PD-170

Notes, Tips & Tricks:

Jib Tripod Head

Tripod Legs

• Takes a long time to balance properly. Plan accordingly.

Reservable Item

Kit ID: GC Kit Contents:

Camera Plate Central Post Soft Case Weight Plate Weights

Kit ID: Jib Kit Jib Weight Cooler 1 **Kit Contents:** Jib Weight Cooler 2 Camera Strap Main Tube Camera Platform Tube Tilt Arm Extension Tube Weight Bar **Extension Tube** Platemate 1 Jib Main Axle Platemate 2 Jib Soft Case Platemate 3 Jib Support/Control Cables

ABC Jib Kit

Kit Information:

Ball Size: Height:

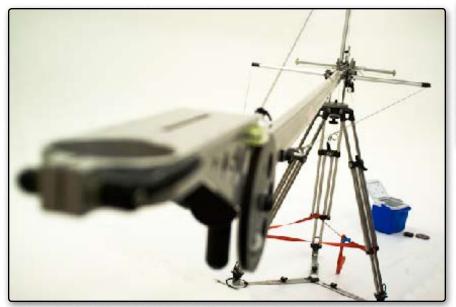
Weight Capability:

Screw Sizes: 3/8-16,1/4-20

Attachable Cameras: All except DSR-570 and HDW-700 when using 36x

lenses.

Reservable Item Certification Req.



Platemate 4

Tripod



High Hat 1-3

Kit ID: HH1 **Kit Contents:** High Hat #01

Reservable Item

Kit Information:

Ball Size: 100mm

Attachable Heads: Bogen 3066, Bogen 510, Cartoni Alfa-II, Cartoni Beta, Cartoni C20S, Miller, Miller/Cartoni, O'Connor and Peter Lisand

Notes, Tips & Tricks:

• This high-hat's legs can be detached from the board, and are slightly adjustable.



Above: High Hat one has legs that will move if you take it off the plywood board.



Above: High Hat two has fixed legs that will not move even if you take it off the plywood, do not remove from board.

Kit ID: HH2 **Kit Contents:**

High Hat #02

Reservable Item

Kit Information:

Ball Size: 100mm

Attachable Heads: Bogen 3066, Bogen 510, Cartoni Alfa-II, Cartoni Beta, Cartoni C20S, Miller, Miller/Cartoni, O'Connor and Peter Lisand

Notes, Tips & Tricks:

• This high-hat can be detached from the board, but its legs are static.



Above High Hat three has its own head that only uses 1/4 20 screw.

Kit ID: HH3 **Kit Contents:**

High Hat #03

Reservable Item

Kit Information:

Screw Size: 1/4-20

Attachable Cameras: DVX100, HVX200, A1U, V1U, PD-150, PD-170

- This tripod can be a little sticky, loosen the pan and tilt mechanisms as much as possible before using.
- Only works with video cameras, there is no way to switch screws.

Peter Lisand Tripod

Reservable Item

Kit ID: PL1 & PL2 Kit Contents:

Lisand Head Lisand Plate Lisand Spreader Lisand Sticks

Right: The tripod its self has sharp feet which are not the best for hard wood floors and things that can get scratched.

Far Right: The Lisand Tripods have the second best head the school has. Behind the Cartoni C 20 S.



Kit Information:

Ball Size: 100mm Height: 39" - 60"

Weight Capability: 30 lbs.

Screw Sizes: 1/4-20, 3/8-16 (Non Included)

Attachable Cameras: ZR900, PD-150, DVX100, HVX200

Number of Stages: 2

- Feet are very pointy and will ruin a hard wood floor. Put carpet squares or something else under them to protect your location.
- Use caution when locking the plate in place, sometimes it it is difficult to fully lock.
- Screws do not attach to the plate and fall out easily, DO NOT LOSE THEM!

Losmandy Porta-Jib

Below: All the cases for the Jib. The red cooler is full of weights.

Reservable Item Certification Req.





Above: The Jib built up. Notice that it is weighted evenly on both sides.

Kit ID: JIB Kit Contents:

2.5 lb. Jib Weight

2.5 lb. Jib Weight

2.5 lb. Jib Weight

2.5 lb. Jib Weight

5 lb. Jib Weight

5 lb. Jib Weight

5 lb. Jib Weight

5 lb. Jib Weight

Collar

Collar

Collar

Female Weight Rod

Instructions

Jib

Jib Case

Jib Legs

Jib Legs Case

Jib Locking Pin

Jib Tuning Weight

Jib Weights Case

Large Male Weight Rod

PlateMate Weights

PlateMate Weights

PlateMate Weights

PlateMate Weights

Small Male Weight Rod

Tightening Handle

Kit Information:

Ball Size: 100mm

Height: 24" - 84"

Weight Capability: 100 lbs.

Screw Sizes: See Bogen 3066 (pg.)

Attachable Cameras: All Cameras compatible with Bogen 3066 head

Bogen 510 head and Peter Lisand head.

Number of Stages: 3 (2 on legs plus jib)

Notes, Tips & Tricks:

- This can be a great tool for adding movement to your film, but you can also lose fingers to it if you don't know how to use it properly. Ask Checkout for proper instruction.
- Do not raise center column of tripod.
- Threads get stripped easily, use caution when tightening locking knobs.
- Last locking knob must be removed to properly pack the jib.
- ALWAYS balance the jib, never use it when one side is heavier than the other, because it is much more difficult to control, and thus more dangerous.

90

Bogen 2036 & Bogen 510

Reservable Item

Kit ID: BO1 & BO2 **Kit Contents:**

Head

Plate Sticks

Bogen 3063 Manfrotto Tripod

Kit Information:

Ball Size: 75mm Height: 33" - 59"

Weight Capability: 44 lbs. Screw Sizes: 3/8-16

Attachable Cameras: Arriflex S/B, M, Scoopics, 150, 170,

A1U, V1U, Z1U. Number of Stages: 2

Notes, Tips & Tricks:

- Plate is six sided not your standard film plate.
- No spreaders, make sure you sandbag every leg.



Above: The Bogen 3063 has an hexagon shaped plate. This means you shouldn't use it with any of the film cameras.

Reservable Item

Kit ID: 510 **Kit Contents:**

Head

Plate

Sticks

Spreader

Bogen 510 Tripod

Kit Information:

Ball Size: 100mm Height: 35" - 59"

Weight Capability: 44 lbs. Screw Sizes: 1/4-20, 3/8-16

Attachable Cameras: All Cameras except Arriflex SR-Series

and Sony 570 and 700. Number of Stages: 2

- Works with Bogen Rollers.
- Great for HVX 200.
- Attaches to the Losmandy Porta-Jib.



Miller-Cartoni Tripod

Reservable Item

Kit ID: Miller Tripod **Kit Contents:**

Arm

Head

Plate

Sticks

Tie Down

Petrol Case

Miller-Cartoni Tripod

Kit Information:

Ball Size: 100mm *Height*: 8.7" - 73"

Weight Capability: 22 lbs.

Screw Sizes: 1/4-20

Attachable Cameras: DVX100, HVX200, A1U,

V1U, Z1U, PD-150 and PD-170

Number of Stages: 4

Notes, Tips & Tricks:

- Watch out when trying to raise and lower legs, takes a while and is easier with two people.
- Do not overtighten legs.
- Case acts as a backpack for carrying.



Above: the feet. Note that the metal spikes can be extended or retracted.





Above: the head and plate.

Top: with sticks partially extended and case.

Miller Tripod



Reservable Item

Kit ID: Miller Tripod **Kit Contents:**

Head

Plate

Arm

Case

Spreaders

Sticks



Miller Tripod

Kit Information:

Ball Size: 100mm

Height:

Weight Capability: 30 lbs. Screw Sizes: 1/4-20, 3/8-16

Attachable Cameras: DSR-250, DSR-570, Arri M, Arri S/B,

Scoopics

Number of Stages: 3

Notes, Tips & Tricks:

 \bullet The DSR-570 cannot be used on this tripod with 36x

lenses attached.

O'Connor Tripod

Reservable Item

Kit ID: Miller Tripod **Kit Contents:**

Arm

Head

Legs

Plate

Spreaders

O'Connor Tripod

Kit Information:

Ball Size: 100mm

Height: 21.7" - 63.4" Weight Capability: 40 lbs.

Screw Sizes: 1/4-20

Attachable Cameras: Aaton XTR, HDW-700, DSR-250

DSR-570 Number of Stages: 3

Notes, Tips & Tricks:

- The DSR-570 and HDW-700 cannot be used on this tripod with large lenses attached.
- Can be used with the Bogen Rollers.



Above: the feet. Note the spikes, which can cause damage to hardwood floors or other surfaces if not covered. But, note that the FLOOR SPREADERS MUST BE REQUESTED SEPARATELY!

Right: the head and plate.





EFP/Sachtler



Reservable Item

Kit ID: ST1 **Kit Contents:**

Arm

Arm Handle

Case

Screw-On Tightener

Head

Plate

Sachtler Tripod Head

Kit Information:

Ball Size: 150mm

Weight Capacity: 65 lbs.

Screw Sizes: 1/4-20

Attachable Cameras: DSR-570 (with

36x)

HDW-700 (with 36x)

Notes, Tips & Tricks:

- Used with EFP/Sachtler sticks.
- The EFP/Sachtler tripod setup must be used with Aaton XTR and DSR-570 with







The Sachtler Head is the most beefy and nicest head we have. Unfortunately we must limit it to use with either the Sony 570 matched with the 36x or the Sony 700 matched with the 36xHD.

NOTE: The spreaders are super-narly and sharp! If shooting indoor, make sure to ask for the FLOOR SPREADERS!

Sunpak Tripod

Reservable

Kit IDs: CT1 - CT8
Kit Contents:

Sticks

Case

Plate

Plate

Sunpak 7001 DX Tripod

Kit Information:

Ball Size: N/A

Height: 22" - 60"

Weight Capability: 4.4 lbs.

Screw Sizes: 3/8-16

Attachable Cameras: Canon Elura, ZR900

Number of Stages: 3

Notes, Tips & Tricks:

• Do not use this tripod with any camera besides the Canon Elura and ZR900.





Vinten Tripod





Above: the head and plate.

Reservable

Kit ID: 1-3, 5, 6 Kit Contents:

Arm

Case

Sticks

Head

Plate

Spreaders

Vinten Vision 3 Tripod

Kit Information:

Ball Size: 75mm

Height: 21.4" - 66"

Weight Capability: 22 lbs.

Screw Sizes: 1/4-20, 3/8-16

Attachable Cameras: A1U, V1U, Z1U, PD-170, DSR-250,

Arri M, Arri S/B, Bolex, Scoopics

Number of Stages: 3

- \bullet The DSR-570 or DSR-700 cannot be used on this tripod with large lenses $\,$ attached.
- Fragile. Carbon fiber legs cost \$450 apiece, so be careful.
- These are great tripods, but they are completely underused, especially witht the cmaller camera kits!

Ronford Baker Baby Legs

Reservable

Kit ID: MBL

Kit Contents:

Tripod Bowl

Extending Stirrup 01

Extending Stirrup 02

Extending Stirrup 03

Foot 01

Foot 02

Foor 03

Stirrup 01

Stirrup 02

Stirrup 03

Ronford-Baker Baby Legs

Kit Information:

Ball Size: 150mm Screw Sizes: n/a

Head: Sachtler (separate)

Notes, Tips & Tricks:

• Used with Sachtler Head



EDITING

Special thanks to the broadcast TV stations of the late 50's for 1/10 of a percent. Thanks for 29.97 and 23.98, we love those numbers.

Hard Drives

Kit IDs: HD1 - HD9 Kit Contents:

Pelican Case 75GB Hard Drive 6 to 6 Pin Firewire Power Cord

Power Adapter

L____

Notes, Tips & Tricks:

Hard Drive Kit

- Can only be checked out for 2 weeks at a time.
- Make sure that everything is turned off while plugging into power. Plug in firewire first, then turn on computer and drive
- Approximately 80GB drives.
- Reformat drive before returning drive to checkout
- THIS IS NOT A PERMANENT SOLUTION TO STUDENT STORAGE.

foot load into daylight cores

Reservable Item



Above: Hard drive kits are a good stop gap if something happens to your hard drive, but they are not a permanent solution.

Above: The Film Rewind board is really helpful when you are trying to break a 400

Non-Reservable

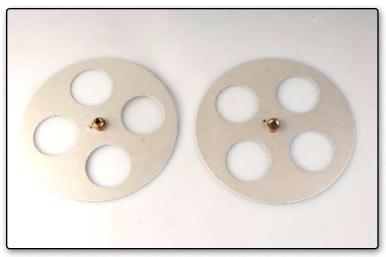
Kit ID: FRB **Kit Contents:** Film Rewind Board

Rewind Board

Notes, Tips & Tricks:

• Helpful if you want to break a 400' mag into daylight spools or to change A to B wind. If you do this, you will need a room that is completely light-tight. Ask the photo department about using a

Rewind Board & Reels



Above: This is a split reel that has been unscrewed to show how it comes apart.

Non-Reservable

Kit ID: Split Reel **Kit Contents:** Split Reel

Split Reel

Notes, Tips & Tricks:

- Use with projector or rewind board.
- Plastic cores are available at checkout and cost 25 cents.



Above: A projection reel that you put film on before you run it though the projector.

Non-Reservable

Kit ID: Projection Reel **Kit Contents:** Projection Reel

Projection Reel

Notes, Tips & Tricks:

• Use with projector or rewind board.

Tape Decks

Right: The kit for the DSR-11 comes with everything you should need to plug it into your personal computer.

Non-Reservable

Kit ID: DSR, Grad DSR **Kit Contents:**

DSR-11

4 to 6 Pin Firewire

Case

Power Cord

Power Supply

Remote



Sony DSR-11 Deck

Notes, Tips & Tricks:

- Make sure that everything is turned off while plugging into power. Plug in firewire first, then turn on computer and deck.
- Use this to capture DV and DVCAM footage NEVER a camera.
- Make sure the door stays closed when not inserting or removing a tape.
- The doors are fragile, and cost approximately \$85.

Right: The front latch should always be closed when not using the DSR-11. It stops dust from getting into the mechanism. It breaks easily is also a very expensive piece so be careful with it.



Non-Reservable

Kit ID: M15U **Kit Contents:**

Sony M15U 4 to 6 Pin Firewire Case

Power Cord Power Supply Remote

Sony M15U Deck

- Make sure that everything is turned off while plugging into power. Plug in firewire first, then turn on computer and deck.
- Use this to capture DV, DVCAM and HDV (except Canon's 24f HDV or JVC's HDV Codecs) footage, not a camera.
- Be aware of menu settings regarding format. Check out a manual or ask at Checkout if you are unsure.
- There is only one of these available; check it out only if you are capturing HDV footage.



Above: The M15U is a newer version of the DSR-11 that can handle HDV footage. Make sure that you need this deck before you take it.

GRIP

Most grip equipment is known by multiple names. A beadboard holder is also known as a duckbill, platypus, quaker and billy grip. Each set may have a different name for the same pieces of equipment. Become familiar with these terms as quickly as you can.

When returning grip equipment that may have been exposed to water, always ask Checkout for a rag and can of WD-40 to wipe it down. Wipe down entirety of equipment, especially moving parts.

Big Blue Grip Kit

Kit ID: BBGK

Kit Contents:

18in. x 24in. Double

18in. x 24in. Flag Frame

18in. x 24in. Silk

18in. x 24in. Single

18in. x 24in. Solid

18in. x 24in. Solid

2 Riser Low Boy Combo Stand

20in. C-Stand

20lb. Sand Bag

20lb. Shot Bag

24in. x 36in. Double

24in. x 36in. Flag Frame

24in. x 36in. Flag Frame

24in. x 36in. Silk

24in. x 36in. Single

24in. x 36in. Solid

24in. x 36in. Solid

3 Riser Combo Stand

3 Riser Combo Stand

35lb. Sand Bag

40in. C-Stand

40in. C-Stand

40in. C-Stand 40in. C-Stand

40in. C-Stand

40in. C-Stand

4ft x 4ft Double

4ft x 4ft Floppie

4ft x 4ft Floppie

4ft x 4ft Reflector Board

4ft x 4ft Reflector Board

4ft x 4ft Silk

4ft x 4ft Single

4in. C-Clamp with 5/8in. Pin

4in. C-Clamp with 5/8in. Pin

6 Step Ladder

6ft x 2ft Cutte

6ft. x 6ft. Double Scrim

6ft. x 6ft. Frame Ear

6ft. x 6ft. Frame Side 6ft. x 6ft. Frame Side

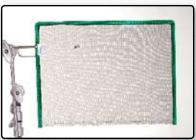
6ft. x 6ft. Frame Side

6ft. x 6ft. Frame Side

Below: The Super Duz All cart, or taco cart, holds almost all the grip gear you will need. You must have a U-Haul or similar enclosed trailer to use this kit.

Non-Reservable Certification Req.





Above: 18in. x 24in. Single Net, Singles are denoted by the green fabric around the edge, a single cuts down one stop of light.



Above: Bead Board Holder, makes clamping a bounce board to a C-Stand easy. This item has many different names, duckbills, platypus...

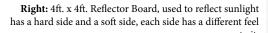


Above: The BBGK has two combo stand, one low boy combo stand (not pictured), six 40in. C-Stand and one 20in. C-Stand. The combo stand has a lollipop in it.

Big Blue Grip Kit (Cont.)



Above: Chain Vise Grip, used to clamp a small light to just about any object the chain can fit around.





Notes, Tips & Tricks:

- You must rent a U-Haul and provide Checkout with proof that you have done so two days before your scheduled pickup.
- Get a printout of all equipment in the kit (or refer to these pages) to help keep track of all parts so that nothing gets left behind.
- When not using shinies on stands, make sure they are tabled. Shinies should always be heavily sandbagged.
- Always stake down and heavily sandbag 6x6 frames. If winds are two high, disassemble and do not use. Failure to do so could result in serious damage to equipment and crew members.
- No partial check-out is allowed, everything must be taken from Checkout, even if you only plan to use part of the kit.
- Be careful not to lose Mafer Clamp adapters they are very small.
- DO NOT cut any of the rope provided buy your own if you need different lengths.
- When returning the Big Blue Grip Kit to Checkout, you MUST arrive when Checkout opens - this kit is very large and every item must be hand-checked, it takes at least two hours to check in.



Above: A few of the smaller parts in the BBGK.

Kit Contents (Cont.): Ratchet Strap

Ratchet Strap Scissor Mount Scissor Mount Scissor Mount Space Clamp Space Clamp Space Clamp Super Duz All Cart

Tent Stake Tent Stake

Tent Stake

Tent Stake Tent Stake

Tent Stake

Kit Contents (Cont.):

6ft. x 6ft. Silk

6ft. x 6ft. Sinlge Scrim

6in. C-Clamp

6in. C-Clamp with 5/8in. Pin

6in. C-Clamp with 5/8in. Pin

Baby Nail On Plate

Baby Nail On Plate

Baby Nail On Plate

Baby Nail On Plate

Baby Pipe Clamp

Bead Board Holder

Bead Board Holder

Chain Vise Grips

Chain Vise Grips

Chain Vise Grips with 5/8in. Pin Chain Vise Grips with 5/8in. Pin

Dual Stud for Space Clamp

Dual Stud for Space Clamp

Dual Stud for Space Clamp

Full Apple Box Full Apple Box

Full Crate 1

Full Crate 2

Full Crate 3

Full Crate 4

Furniture Clamp

Furniture Clamp Gator Grip

Grip Clip 2

Grip Clip 2 Grip Clip 2

Grip Clip 2

Grip Clip 3 Grip Clip 3

Half Apple Box

Half Apple Box

Half Crate 1 (H1)

Half Crate 2 (H2)

Junior Nail On Plate

Junior Nail On Plate

Junior Pipe Clamp

Lollipop

Lollipop

Lowel Interlink Lowel Interlink

Lowel Interlink

Mafer Clamp

Mafer Clamp

Mafer Clamp Adapter

Mafer Clamp Adapter

Magic Finger Pancake

Pancake

Quarter Apple Box

Quarter Apple Box

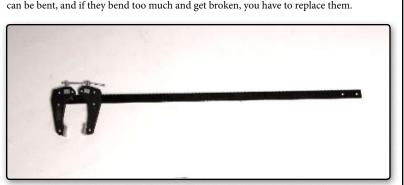
Ratchet Strap

Ratchet Strap

GRIP

Small Grip Kit

Above: All the clips and rope go in the one case, be careful with the scissor clamps, they



Above: The Space Clamp is a good tool to use to attach lights to beams and other objects that the C-Clamps aren't big enough to get around. However try not put a bunch of weight on them.

Reservable Item

Kit ID: Red & Yellow

Kit Contents:

4in. C-Clamp with 5/8in. Pin 6in. C-Clamp with 5/8in. Pin

Apple Box

Apple Box

Apple Box

Apple Box

Baby Nail On Plate

Baby Nail On Plate

Baby Nail On Plate

Crate

Dual Stud for Space Clamp

Dual Stud for Space Clamp

Dual Stud for Space Clamp

Grip Clip 2

Grip Clip 2

Grip Clip 2

Grip Clip 2

Grip Clip 3

Lowel Interlink

Lowel Interlink

Lowel Interlink

Magic Finger

Scissor Mount

Scissor Mount

Scissor Mount

Space Clamp

Space Clamp

Space Clamp

Notes, Tips & Tricks:

- Pack smaller, more delicate items (scissor clamps) on top of heavier items, not vice-versa.
- A Lowel information packet regarding items in the kit is available to look at in Checkout, unfortunately it cannot not leave building.
- DO NOT cut the ropes! If you need other lengths, buy your own. The ropes are standard lengths for a reason, and everyone needs to use them.





Left: Rope can be used for many things. Securing lights and frames outside is very important because a strong gust of wind can easily knock over a light if it has not been secured.

Red rope denotes the red grip kit.

Before checking these kits out you should learn the bowline and the truckers hitch. Both knots will be very good to know on set.

Yellow rope denotes the yellow grip kit.

GRIP

Compact Grip Kit and Stand Kits

Kit IDs: CT1 - CT8

Kit Contents: Mafer Insert AC Adapter Mafer Insert

Extension Arm Adapter Manfrotto Extension Arm

Flag Pelican Case

French Flag Portabrace White Card

Stinger

Grip Clip Extension Power Test Grip Clip Extension Power Strip Ground Lift Sandbag **Impact 4-Sided Bounce** Sandbag Impact Dimmer Scissor Clamp Tota-tatch Grip Clip Scissor Clamp Tota-tatch Grip Clip Stinger Mafer Clamp Stinger

Mafer Clamp Mafer Clamp Bolt Mafer Clamp Bolt

Reservable Item

Compact Grip Kit



Impact C-Stand

Notes, Tips & Tricks:

• The top of the stand can be loosened and turned sideways.





Reservable Item

Kit ID: ST1
Kit Contents:
Stand

Reservable Item

Kit ID: Light Stand Gobo-Arm Kit A & B

Kit Contents:

Gobo Arm Stand

Case

Light Stand Gobo-Arm Kit

Notes, Tips & Tricks:

• The stand has a "Rocky Mountain Leg" which can be extended and retracted so that the stand remains



GRIP

Matthews C-Stands





Above: Right hand rule is very important when using a C-Stand. Make sure that when you set up a C-Stand that the knuckles are to the right.

Above: C-Stands are great for holding just about anything you need on a film shoot.

Reservable Item

Kit ID: 1 - 28 Kit Contents: C-Stand

Notes, Tips & Tricks:

- The engraved number on the C-Stand must match the number on the gobo arm when returning stands.
- All knuckles should be tightened and facing the same direction when returned to Checkout.
- Understand what the "right-hand rule" is (as demonstrated above,) if you don't, ask.
- If C-Stands are exposed to water (condensation, rain, snow) they must be wiped down with WD-40 so that they don't rust.

Gobo arms are the grabbing arms that come with C-Stands.

Reservable Item

Kit ID: ST1 **Kit Contents:** Gobo Arm





Road Rags Kits, Small & Large

Reservable Item

Small Flag Kits

Large Flag Kits

Kit ID: F1-F2

Kit Contents: Bag

Double Net

Flag

Open Frame

Open Frame

Silk

Single Net

Kit ID: F3-F6 **Kit Contents:**

Bag

Double Net

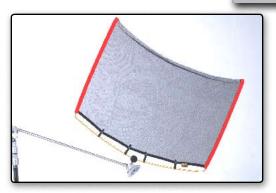
Flag

Open Frame

Open Frame

Silk

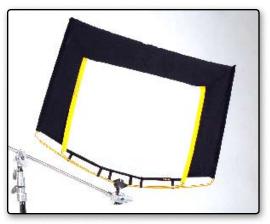
Single Net



Above: 18in. x 24in. Double Net set up on a C-Stand. This shows one of the many uses a C-Stand has on set.

Notes, Tips & Tricks:

- When breaking down frames, completely remove pole gently before folding up - they have often been broken in the past and cost at least \$75 to replace, depending on market value.
- Must be returned with all flags, silks and scrims folded neatly and tucked into their compartments.
- Can be hand-held, but otherwise require a C-Stand/Gobo Arm.



Above: A 24in. x 36in. Solid and a 18in. x 24in. Silk, this shows the difference in sizes between the small and large kits.

Below: This is what the kit should look like when it is packed up. Then you should fold the top flap down to the velcro and then fold it into thirds.



Above: The frames break easily if they are forced or not used properly. Some of the kits contain broken frames. Check the kit thoroughly when you check it out.

GRIP

Flex Drop Green Screen & Fog Machine



Reservable Item

Kit ID: Flex Drop Green Screen **Kit Contents:**

Green Screen Stand



Flex Drop Green Screen

Notes, Tips & Tricks:

- Can be very difficult to fold back into its case. It's probably easier to do so with two people.
- More stable with extra support, use sandbags on the base.

Far left: the greenscreen side.

Left: the bluescreen side.



Reservable Item

Kit ID: FM Kit Contents:

Box

Fog Machine

Left: The fog machine is great to create a little atmosphere, throw some light through it and look at the particles.

Fog Machine

- Fog juice does not come with machine sold separately at Checkout.
- Clean before returning, you will be fined otherwise.
- If your location has particle smoke-detector, this machine will set it off BE AWARE!

Impact Bounce & Lite Disc

Reservable Item

Kit ID: IB1 - IB6, B1 - B4

Kit Contents:

Diffusion Reflector

Case

Notes, Tips & Tricks:

- Know how to pack up disk, if you don't know, ask a Checkout worker to demonstrate.
- Diameter 3' 6"
- The bounce has effectively 5 sides: silver, gold, partial gold, partial silver and white.



Above: The Impact bounce displaying a few of it's sides. There are a total of 5.

Reservable Item

Kit ID: IB7 Kit Contents:

Small Lite Disc

- Know how to pack up disk, if you don't know, ask a Checkout worker to demostrate.
- This bounce is very small. It is primarily intended for macro photography. Diameter: 1'11"



Above: LiteDisc Seven only has the diffusion or soft bounce, it is also much smaller than the other bounce disks

GRIP

Matthews Doorway Dolly



Reservable Item Certification Req.

Kit ID:DK1-DK2 Kit Contents:

Base

Stationary Handle Turning Handle Wing Wing

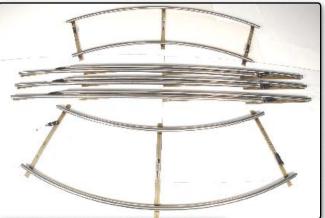
Right: The dolly with the regular wheels on, it can be used like this, but be aware that the dolly doesn't always roll straight.



Notes, Tips & Tricks:

- If pneumatic wheels are removed to put on skate wheels, do not lose metal spacers on the front wheels.
- Do not over-tighten wheels or they will not roll.
- Track must be reserved separately.

Left: Use the tie down hook to secure your tripod to the dolly. This can be done with a ratchet strap.



Kit ID: DK1-DK2

Kit Contents:

Level

Dolly Curve Track

Dolly Curve Track

Dolly Straight Track

Dolly Straight Track

Dolly Straight Track

Skate Wheels

Skate Wheels

Skate Wheels

Skate Wheels

Skate Wheels Box

Wrench

Reservable Item Certification Req.



- ALWAYS level dolly track not only is it important for your shot, it is also safer for equipment and crew members.
- The skate wheels are NEVER to touch the ground. If they do, they will collect dirt, and an ideally smooth dolly will feel like a trip down a gravel road. If you allow them to touch the ground on a professional set, you will be fired.
- Do not over-tighten the locking levers that connect the pieces of track together they can break.
- You must reserve the dolly itself separately don't reserve track without the dolly.

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Microdolly

Reservable Item

Microdolly Basic Kit

Kit Information:

Weight Capability: 100 lbs. Attachable Tripods:

Notes, Tips & Tricks:

- You must check out the travel case with this kit.
- The dolly should be pulled, not pushed.

Kit ID: Microdolly **Kit Contents:**

Cloth

Handle

Instruction Card

Leg A

Leg B

Rope Ratchet

Soft Case

Styrofoam Track Thread A

Styrofoam Track Thread B

Track

Track Bumper

Wood Shims

Wrench



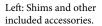




Top: packed into it's case.

Middle top: the parts laid out.

Left: the dolly set up and demonstrated with a tripod. It is intended to be pulled, not pushed.





GRIP

Non Reservable Grip Gear



Above: Apple boxes are one of the most useful things on set, from helping to level a dolly track to being a chair for someone on set. This is an example of a "half" apple box.

Reservable Item

Kit ID: Apple Boxes **Kit Contents:** Apple Box

Apple Boxes

Notes, Tips & Tricks:

• There are basically five sizes of Apple box: Full, Half, Eighth, Quarter and Pancake. Only the height varies between sizes. A full apple box is 1'8" long, 1' wide and 8" tall, a half apple is 4" tall, etc. Pancakes vary in thickness but are generally around 1/4" - 1/2".



Above: Sandbags are also another very useful item. They help keep all your equipment safe. Always have a sandbag on a stand if their is a light on it. And use two of three if you have extras.

Reservable Item

Kit ID: Sandbags **Kit Contents:** Sandbag

Sandbags

- There is a maximum 15 bag limit per production, depending on quantity available.
- There is a proper way to stack sandbags; each bag should be placed perpendicular to the last so that they interlock.
- Full sandbags should be about 20 lbs.
- Use them properly, the zippers can break easily.
- Empty sandbags are also available. When you fill them, put the rocks or sand in a ziplock before placing them in the bag. Empty and clean such bags before returning them.

LIGHTING ACCESSORIES

Know the "West Virginia Law": Watts = Volts x Amps. Most circuits are 120 volts and 15 to 20 amps. Check the lights for wattage ratings and calculate your amp load to make sure you are not plugging too many lights into one circuit.

Dimmer Kit & Power Accessories

Reservable Item

Kit ID: DIM Kit Contents:

1000w Dimmer 600w Dimmer 600w Dimmer Dimmer Kit Case

> **Right:** Dimmers can be very useful to adjust lights to the intensity your shot requires.



Dimmer Kit

Notes, Tips & Tricks:

- Pay attention to wattages on the dimmers. A 650w light WILL destroy a 600w dimmer.
- Very useful for dimming practicals, china balls and accent lighting.
- \bullet Be aware color temperature decreases when light is dimmed, lights will be more orange.

Non-Reservable

Kit ID: Power Accessories **Kit Contents:**

Single Extension Cords

Notes, Tips & Tricks:

• Reserve single extensions and other items if you don't need an entire extension cord package.



Above: A single stinger.



Above: When running many small lights, power strips are useful.



Above: 3-Way stingers usually can't handle as many amps as regular stingers.



Above: Ground Lifts and Cube taps are helpful for adapting or 1 19 adding additional outlets.

Extension Cord Kit

Below: Extension cord kits are a must for every shoot with some lights. Most senior films will use two of them. If one stops working please mark it and tell us.





Above: Cube tap, for splitting a socket.

Below: Ground lift for sockets without a ground wire.



Extension Cord Kit

Notes, Tips & Tricks:

- Check to make sure that the kit number on the cords and crate match when packing.
- Remove tape (that may have been used to secure cords to the floor, wall, etc.) when returning, otherwise they get sticky and difficult to wrap and unwrap.
- Coil all of the cords so that they are approximately the same size and fit neatly into the crate.
- Ground lifts are used to plug a grounded edison plug into a nongrounded socket. Do not remove grounded ends on extension cords!

Reservable Item

Kit ID: EX1-EX9 **Kit Contents:**

3-Way Stinger

Box

Crate

Cube Tap

Cube Tap

Ground Lift

Ground Lift

Ground Lift

Ground Lift

Ground Lift

Power Strip

Short Stinger

Stinger

Stinger

Stinger

Stinger

Stinger

Sunger

Socket Tester

Light Pole & Single Light Stands

Reservable Item

Kit ID: Light Pole 1-3 **Kit Contents:** Light Pole

Light (Extension) Pole

Notes, Tips & Tricks:

- Extends from 2'10" to 5'2"
- Can be checked out in addition to other light kits as a supplement.

Right: Light poles are great for putting a china ball off the end of a C-Stand and extending it further out than would normally be possible with just a C-Stand arm.



Reservable Item

Kit ID: Single Light Stand 1-14 **Kit Contents:**

Single Light Stands

Single Light Stands

- Necessary for some kits, make sure you check one out with:
 - Arri Kit, Type 3 (1)
 - Arri Kit, Type 4 (1)
 - HMI Kit (1)
 - Lowel SGK (2)
 - Lowel Pro Kit (2)
 - Ambi Kit (1)
 - L-light Kit (1)
 - Single Broad Lights
 - Single Scoop Lights
- Only available if required for one of the above kits, not as a supplement to otherwise complete kits such as the Arri Lighting Kits or Mole Combo Kits.



Above: Extra light stands are great to have around, and some lighting kits don't come with stands or with enough stands for every light in it. Make sure you know how many you need.

LIGHTING KITS

If a lamp burns out, bring it back to checkout. You will not be charged for the lamp if you bring it back; you will be charged if you do not.

Use gloves to replace the blown lamp with the correct spare lamp from the kit. Oil from your bare fingers can cause the lamp to overheat and explode.

Make sure lights are turned off before plugging them in.

Know the "West Virginia Law": Watts = Volts x Amps. Most circuits are 120 volts and 15 to 20 amps. Check the lights for wattage ratings and calculate your amp load to make sure you are not plugging too many lights into one circuit.

When using a dimmer, the color temperature will get increasingly warmer as the light is dimmed.

Allow lights to completely cool before packing them back into their kits.

Arri Kit (Type 1)

Reservable Item

Below: The Arri kit type one nicely packed up. The cables are all wrapped correctly.



1K Barn Doors

1K Double Scrim

1K Open Face Light

1K Single Scrim

300 Barn Doors

300 Double Scrim

300 Light

300 Single Scrim

650 Barn Doors

650 Barn Doors

650 Double Scrim

650 Double Scrim

650 Light

650 Light

650 Single Scrim

650 Single Scrim

Case

Chimera Adaptor Ring

Chimera Shell

Chimera Soft Box

Chimera Large Silk

Chimera Rods

Chimera Rods

Chimera Rods

Chimera Rods

Chimera Small Silk

Grip Bag

Lamp Box

Light Stand

Light Stand

Light Stand

Light Stand

Scissor Clamp

Scrim Bag

Work Gloves







Above: The lights included in the Type 1 Arri Kit..

Kit Information:

Number of Lights: 4

Wattages and Codes: 300w(FKW), 2 x 650w(FRK), 1000w(DXW)

Max Wattage of Kit: 2600w Number of Light Stands: 4

Color Balance: Tungsten (3200K)

- When using the Chimera Soft Box, make sure to leave the top flap open and the others loose to avoid causing the light to overheat and melt itself.
- C-47's no longer come with the kit, but sometimes they are left inside by other people.
- Wrap power cords starting at the light to end of cord (see above photo.)
- Pack lights face up.
- If the case won't close properly don't force it, open it up and find out what is blocking it, usually a cord.

Arri Kit (Type 2)

Below: The Arri kit type two nicely packed up. The cables are all nicely wrapped.

Bottom: All the other parts of the kit besides the light stands and the lights.





Kit Information:

Number of Lights: 4

Wattages and Codes: 1x Arri 150w, 1x Arri 300w, 1x Omni 500w, 1x Mole 650w.

Max Wattage of Kit: 1600w Number of Light Stands: 4 Color Balance: Tungsten (3200K)

Notes, Tips & Tricks:

- When using the Chimera Soft Box, make sure to leave the top flap open and the others loose to avoid causing the light to overheat and melt itself.
- Wrap coils from light to end of cord (see photo on opposite page.)
- Pack lights face up.
- If the case won't close properly don't force it, open it up and find out what is blocking it, usually a cord.

Reservable Item

Kit IDs: A3 - A5 Kit Contents:

Mole 650 Barn Doors

Mole 650 Double Scrim

Mole 650 Open Face Light

Mole 650 Single Scrim

650 Barn Doors

300 Barn Doors

150 Barn Doors

650 Double Scrim

300 Double Scrim

150 Double Scrim

Arri 300 Light

Arri 150 Light

Omni 500 Light

650 Single Scrim

300 Single Scrim

150 Single Scrim

Case

Chimera Adaptor Ring

Chimera Shell

Chimera Soft Box

Chimera Large Silk

Chimera Rods

Chimera Rods

Chimera Rods

Chimera Rods

Chimera Small Silk

Grip Bag

Lamp Box

Light Stand

Light Stand

Light Stand

Light Stand

Scissor Clamp

Scrim Bag

Work Gloves

Broad & Scoop Lights

Below: The broad is a good source of general

Reservable Item

Kit ID: Broad 1-5 Kit Contents: Broad Light

Broad Lights

Kit Information:

Number of Lights: 1

Wattages and Codes: 1000w(FHM) Max Wattage of Kit: 1000w Number of Light Stands: 0 Color Balance: Tungsten (3200K)

Notes, Tips & Tricks:

- Does not come with a stand, you must request one.
- Throws light in one direction, very general.
- Barn doors can fall off easily, make sure you don't lose them.



Reservable Item

Kit ID: Scoop 1-2 Kit Contents: Scoop Light

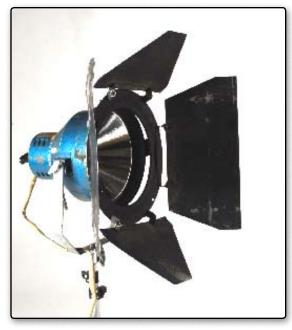
Scoop Lights

Kit Information:

Number of Lights: 1

Wattages and Codes: 1000w(FEL) Max Wattage of Kit: 1000w Number of Light Stands: 0 Color Balance: Tungsten (3200K)

- Does not come with a stand, you must request one.
- Throws light in one direction, very general.



Above: The scoop is similar to the broad in that it is good for general lighting. The shape of the light source is the main difference between the two.

C-Clamp Tota Kit

Reservable Item

Kit ID: CT1-CT2 **Kit Contents:**

Crate

Light Light

Light



Left: All three lights with their barn doors open. These lights get hotter than any other light checkout has. Make sure you wear leather gloves when you touch them or you will burn yourself.



Above: All three lights fit nicely into their crate with their bar door shut. Make sure they're cool before you put them away!

Kit Information:

Number of Lights: 3 Wattages and Codes: 1000w(FHM) x 3 Max Wattage of Kit: 3000w Number of Light Stands: 0 Color Balance: Tungsten (3200K)

- VERY HOT & BRIGHT!
- Attach to a pipe or the thick part of a C-stand, don't try to clamp them to the knuckle.
- Making a snoot out of black wrap will give greater control over light.
- Hot enough to melt gels. Do not attach gels directly to barn doors. Use a snoot and attach gel at least 3" from the fixture.

Cool Lux Kit

Reservable Item

Kit ID: C1 & C2

Kit Contents:

Barn Doors

Darii Doors

Barn Doors

Barn Door Clamp

Barn Door Clamp

Barn Door Clamp

Light Clamp

Light Clamp

Metal Platform

30 watt Micro-Lux Candlepower Light

250 watt Mini-Cool MR-16 Light

250 Mini-Cool MR-16 Light

Mounting Tube

Mounting Tube

Mounting Tube

Power Cord

Power Cord

Screen

Screen Frame

Stand

Stand

Umbrella

Dimmer

Grip Clip

Case



Above: one of the lights with a softbox attached.

Kit Information:

Number of Lights: 3

Wattages and Codes: 2 x 250w(FOS), 150w(EKB)

Max Wattage of Kit: 650w Number of Light Stands: 1

Color Balance: Tungsten (3200K)

- The Cool Lux lights do not heat up as much as other lights. This can be useful when shooting extended interviews or other situations when subjects might be likely to sweat under hotter lights.
- Screw caps are plastic and will melt against the lights if left too close to them for too long.
- Light mount must be manually attached before each use.
- The 150w light has just a DC plug adapter. It can't be powered through wall outlets.



Above: the kit packed correctly.

HMI Kit



Reservable Item

Kit ID: HMI1 & HMI2

Kit Contents:

Power Cord

Accessory Case

Ballast

Barn Doors

Battery Belt

Chimera Ring

Chimera Softbox

Extra Bulb

Lenses

Light

Pelican Case

Power Cord

Light Stand



Above: accessories, including lenses, power cords, ballast, spare lamps, battery belt, chimera case, barn doors and chimera adapter ring.

Kit Information:

Number of Lights: 1

Wattages and Codes: 200w(MSR 200 HR)

Max Wattage of Kit: 200w Number of Light Stands: 1 Color Balance: Daylight (5600K)

- Needs light stand.
- Do NOT charge the battery through the ballast; the power cable is in the battery pack.
- These lights are Daylight (5600K) balanced, not Tungsten.





Above: battery belt. Should not be plugged into wall outlet while it is being used to power light.

Left: The kit packed correctly.

Kino-Flo Kits

Reservable Item

Daylight Kinos

Tungsten Kinos

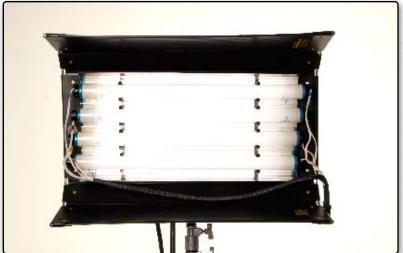
Kit ID: K1-K3 **Kit Contents:**

Ballast
Bank Shell
Box
Egg Crate
Power Cord
Twist-On Mount

Kit ID: K4-K6 **Kit Contents:**

Ballast
Bank Shell
Box
Egg Crate
Power Cord
Twist-On Mount

Right: The Kino is a great light for small spaces because it doesn't get hot. Daylight Kino tubes have blue ends.



Kit Information:

Number of Lights: 4

Wattages and Codes: 45w(Daylight Kino) x 4

Max Wattage of Kit: 180w

Number of Light Stands: 0 (Use C-Stands)

Color Balance: Daylight (5600K) and Tungsten (3200K)

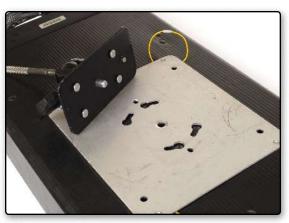
Notes, Tips & Tricks:

- Good, soft light excellent in many situations.
- Tubes can be detached from shell and placed separately.
- Needs to be attached to a Matthews C-stand.
- The egg crates for the front of the light are very fragile.
- Use attached "hair-tie" cable ties to take the stress off of the cords.
- Turn lights off when switching between 2ft. and 4ft. throw.
- If you remove the tubes, make sure you replace them and connect them correctly (plug in ends are color-coded.)
- Cases are breaking and unreliable SUPPORT THE BOTTOM WHEN CARRYING!

Right: The ends of Daylight Kino tubes are blue, and the ends of Tungsten tubes are orange. They can be mixed and matched between fixtures, but make sure they are returned to their proper kits.



Above: The back of the Kino ballast has a switch so you can turn on an off each individual tube. It also has a lamp strength switch.



Above: The back of the Kino bank shell has a spot for a twist on mount and little things that look like hair ties. Run the cables for the kind through them to ease the strain on the cables.

Lowel Caselight



Reservable Item

Kit ID: Caselight **Kit Contents:**

Barn Doors

Barn Doors

Plastic Grid and Board

Hard Case, Bottom

Hard Case, Top with Lights

Metal Arm

Metal Plate Stand Clamp

Power Cord

Stand

Kit Information:

Number of Lights: 1

Wattages and Codes: 3 x 55w Fluorescent

Max Wattage of Kit: 165w Number of Light Stands: 1

Color Balance: Daylight (5600K)

Notes, Tips & Tricks:

- Be careful when opening, the case has a latch on both sides. There are no hinges, you must detach each latch and then lift the top straight off.
- Daylight (5600K) balanced.
- SUPPORT THE WEIGHT OF THE KIT WHEN CARRYING, the latches have been broken before and are not very reliable.

Left: The kit packed correctly.

Below Left: accessories, including stand, metal arm, barn-door, back attachment,

power cord and egg-crate.



Lowel Ambi Kit

Reservable Item

Kit ID: AB1 - AB2 Kit Contents:

Case

Flexi Shaft

Flexi Shaft

Gel-Frame

Gel-Frame

Gel-Frame

Gei-Frai

L-Light L-Light

L-Light Barn Doors

L-Light Barn Doors

L-Light Extension Cord

L-Light Extension Cord

Light Stand

Light Stand

Light Stand

Light Stand

Omni Barn Doors

Omni Barn Doors

Omni Light

Omni Light

Omni Power Cord

Omni Power Cord

Scrim

Scrim

Scrim

Scrim

Scrim

Spare Lamp Box

Tota

Tota Power Cord

Tota-Flag

Tota-Flag

Tota-Flag

Tota-Flector

Umbrella

Umbrella

Kit Information:

Number of Lights: 5

Wattages and Codes: 2 x Omni 420w(EKB), Tota 500w(FDN),

2 x L-Lights(40-500w Incandescent)

Max Wattage of Kit: 2340

Number of Light Stands: 4

Color Balance: Tungsten (3200K)

Notes, Tips & Tricks:

- Needs one more stand than is included in kit.
- This kit is highly versatile because of the variety of lights and accessories to control where it goes.



Above: The Ambi kit packed away. Everything fits, don't force anything.

Right: All the items of the Ambi kit. This kit is a useful multi purpose kit.



Lowel DP Kit



Above: The DP kit packed away. Everything fits, don't force anything.

Left: The items, except the cords, are from the top of the DP kit. Make sure they get back there.

Reservable Item

Kit ID: DP1 - DP3

Kit Contents: Barn Doors

Barn Doors

Barn Doors

Case

DP Gel Frame

DP Light

DP Light

Lamp Box

Light Stand

Light Stand

Light Stand

Power Cord

Power Cord

Quartz Light Umbrella

Kit Information:

Number of Lights: 3

Wattages and Codes: 2 x DP 500w(EHC)/

EHF 750, 1 x Quartz 1000w(FEL)

Max Wattage of Kit: 2000w Number of Light Stands: 3

Color Balance: Tungsten (3200K)

Notes, Tips & Tricks:

- All open-faced lights.
- Good for general and interview lighting.
- These lights come with scrims over the

faces to protect people from exploding bulbs.

Lowel L-Light Kit

Reservable Item

Kit ID: L1-L3 **Kit Contents:**

Barn Doors

Barn Doors

Barn Doors

Case

Extension Cord

Extension Cord

Extension Cord

Light

Light

Light

Top Right: The L-Light is basically a light socket rated to 660 watts so you can put photo floods in it, and attach barn doors.





Above: All the items from the L-Light kits. There are three of each item.

Kit Information:

Number of Lights: 3

Wattages and Codes: 3 x L-Light(40-500w Incandescent)

Max Wattage of Kit: 1500w Number of Light Stands: 0 Color Balance: Tungsten (3200K)

- No stands included in kit ask for some.
- Great for accent lighting.
- Work well with dimmers.

Lowel Pro Kit

Below: The Pro kit and all its accessories. Small kit good for traveling doc shoots.



Reservable Item

Kit ID: PRO1 - PRO2 **Kit Contents:**

Case
Omni Light
Omni Light Barn Doors
Omni Light Power Cord
Pro Gel Frame
Pro Light
Pro Light Barn Doors
Spare Lamp Box
Umbrella

Left: The Omni light turned on (stand not included.)

Far Left: All the things that are in the pro kit laid out.





Kit Information:

Number of Lights: 2

Wattages and Codes: 1 x Omni 420w(EKB), 1 x Pro 250w(GCA)

Max Wattage of Kit: 670w Number of Light Stands: 0 Color Balance: Tungsten (3200K)

- No stands included in kit ask for some.
- Good basic kit for interviews or small accents.
- Don't hand-hold lights, you will get burned if you do.

Lowel SGK

Right: The SGK only fits into its case one way. You need to be shown how to do it before you can check it out. The kit only has three light stands for its five lights, make sure you reserve some single lights stands.

Reservable Item

Kit ID: SGK **Kit Contents:**

Case L-Light L-Light Barn Doors L-Light Power Cord Large Gel Frame Large Gel Frame Omni Light Stand Omni Light Stand Omni Light Stand Pro Barn Doors Pro Light Quartz Light Quartz Barn Doors Small Gel Frame Spare Lamp Case Tota Tota Tota Brella Tota Brella Tota Power Cord Tota Power Cord Tota Scrim Tota Scrim Tota Scrim

Tota-Clamp Tota-Clamp







Above: The items of the SGK this kit has a lot packed into a little case. Which makes the case really heavy.

> Above Right: These are Tota-Clamps. They are like small C-Clamps.

Kit Information:

Number of Lights: 5

Wattages and Codes: Quartz 1000w (FEL), Pro 250w(GCA), 2 x Tota 500w(FDN)

L-Light (40-500w Incandescent)

Max Wattage of Kit: 2750 Number of Light Stands: 3

Color Balance: Tungsten (3200K)

- Needs two additional stands when checked out.
- Great for interview lighting and ambience.
- All equipment in kit needs to be packed very precisely a certain way or the case will not close.

Lowel SGK II



Left: All the items from the kit. Great for any kind of shoot.

Below: The SGK II is another kit like the SGK that has a lot crammed into a case. This kit has all the stands it needs for the lights that it has.



Kit Information:

Number of Lights: 5

Wattages and Codes: 2 x Omni 650w (EHC), 2 x Pro 250w(GCA), DP

1000w(EKB)

Max Wattage of Kit: 1920w Number of Light Stands: 4 Color Balance: Tungsten (3200K)

Notes, Tips & Tricks:

• Good versatility - lots of small varied styles of lights. Excellent for interviews, accents and ambience.

• The DP light is a tight fit. Be careful.

Reservable Item

Kit ID: SGK II **Kit Contents:**

Case

DP Gel Frame

DP Light

DP Light Barn Doors

DP Umbrella

Omni Gel Frame

Omni Gel Frame

Omni Light

Omni Light

Omni Light Barn Doors

Omni Light Barn Doors

Omni Light Stand

Power Cable

Power Cable

Power Cable

Power Cable

Pro Gel Frame

Pro Gel Frame

Pro Light

Pro Light

Pro Light Barn Doors

Pro Light Barn Doors

Tota Clamp

Tota Clamp

Lowel Tota Kit

Reservable Item

Below: The Tota kit is a really good kit to help raise light level of a room or ambience outside.

Kit ID: LT Kit Contents:

Case

Light Stand

Light Stand

Light Stand

Spare Lamp Box

Tota 1

Tota 2

Tota 3

Tota Clamp

Tota Clamp

Tota Clamp

Tota Gel Frame

Tota Gel Frame

Tota Gel Frame

Tota Power Cord

Tota Power Cord

Tota Power Cord

Umbrella

Umbrella

Right: The Tota kit with all its accessories.





Kit Information:

Number of Lights: 3

Wattages and Codes: 3 x Tota 500w(FDN)

Max Wattage of Kit: 1500w Number of Light Stands: 3 Color Balance: Tungsten (3200K)

- Small and light, easy to move around.
- Good for bringing up general light level in a room.
- These get very hot.

Mickey Mole Kit

Below: The Mickey Mole kit is a great kit for raising overall because of it's sheer wattage and output.





Above: A Mickey Mole light on a stand.



Kit Information:

Number of Lights: 4

Wattages and Codes: 4 x 1000w(FBY)

Max Wattage of Kit: 4000w Number of Light Stands: 4 Color Balance: Tungsten (3200K)

Notes, Tips & Tricks:

- Lot of output in kit good for large space lighting and outdoors at night.
- Pack lights face down.
- Legs on stands don't lock, be careful.

Reservable Item

Kit ID: MM Kit Contents:

Barn Door Crate

Barn Door Extension

Barn Door Extension

Barn Door Extension

Barn Door Extension

Barn Doors

Barn Doors

Barn Doors

Barn Doors

Grad. Scrim

Light

Light

Light

Light

Light Case

Light Stand

Light Stand

Light Stand

Light Stand

Scrim

Stands Case

Left: All three cases that come with the Mickey Mole kit.

Mole Combo Kit

Below: All the scrims and scrim bags that go with the Mole Combo kit.

Reservable Item

Kit IDs: MC1 - MC5

Kit Contents:

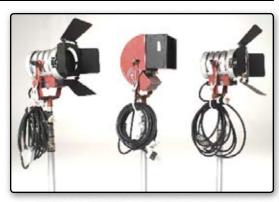
650 Barn Doors650 Scrim Bag650 Barn Doors650 Single Scrim650 Double Scrim650 Single Scrim650 Double ScrimCase

650 Double ScrimLamp Box650 Double ScrimLight Stand650 Half Double ScrimLight Stand650 Half Double ScrimLight Stand

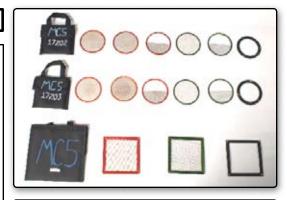
650 Half Single Scrim Soft Box Egg Crate

650 Half Single Scrim Soft Light

650 Light Solf Box Double Scrim
650 Light Solf Box Open Frame
650 Open Frame Solf Box Open Frame
650 Open Frame Solf Box Scrim Bag
650 Scrim Bag Solf Box Single Scrim



Above: The three lights that come in the Mole Combo



Kit Information:

Number of Lights: 3

Wattages and Codes: 2 x 650 (FRK), 1

650(FAD) Soft Light Max Wattage of Kit: 1950w Number of Light Stands: 3

- Softbox does not produce a lot of light.
- Mole lights are packed on their sides with cables coiled neatly and placed on top (see picture.)



Above: The Mole Combo kit nicely put away in its case.

MISCELLANEOUS

C-Clamp Board & Duffel Bags



Above: C-Clamp board is used to mount a camera to the grid in Studio B

Reservable Item

Kit ID: CBoard **Kit Contents:** C-Clamp Board

Notes, Tips & Tricks:

- This board could be used for many things. It is drilled so that a high hat can be attached to it. It can then be attached to a pipe.
- It can be used to hang a camera or projector from the grid in Studio B.



 $\textbf{Above:} \ \text{Duffel bags are great for keeping track of a lot of small items.}$

Reservable Item

Kit ID: Duffel **Kit Contents:** Duffel Bag

Notes, Tips & Tricks:

• Great for consolidating and keeping track of small items such as sound gear.

Field Safety Kit & Fire Extinguisher

Reservable Item

Below: The field saftey kit is a good thing to have if you are shooting near a road or all night outside.

Kit ID: FS **Kit Contents:**

Duffel Bag First Aid Kit

Safety Vest

Tarp

Fire Extinguisher Walkie Talkies



Notes, Tips & Tricks:

• Great for outdoor locations near traffic and the general public.

Below: If somthing in your script calls for a fire, please check this out too.

Reservable Item

Kit ID: Fire Extinguisher **Kit Contents:**

Fire Extinguisher

Notes, Tips & Tricks:

• Emergency item that can save your (insert noun here). Important if you expect to be dealing with anything combustible, even if the script doesn't call



Red Coolers



Above: Coolers are intended for use by craft services.

Non-Reservable

Kit ID: Red Coolers Kit Contents: Red Cooler

SOUND ACCESSORIES

Boom Baskets & Boom Poles

Reservable Item

Kit IDs: BB1 - BB7 Kit Contents: Boom Basket

Notes, Tips & Tricks:

- Used to attach hand-held microphones to a boom pole.
- Also, can be adapted to attach boom basket onto a floor or desk microphone stand.
- Check to see if you actually need this. Most shotgun microphone kits come with a shock mount/boom basket included.



Above: Boom baskets are nice to have if you want to put a mic on a boom pole that would not normally fit.

Below: Boom poles come in different sizes, evaluate your script and see what you need. Boom pole #11 (top in the photo) is really long.

Reservable Item

Kit IDs: BP1 - BP12 BP1 & BP2 WBP1 & WBP2 Kit Contents: Boom Poles



- Some have internal cables.
- They come in varying sizes. if you know what kind of space you will be shooting in, ask at Checkout for an appropriate boom and they will attempt to accommodate you.
- Do not pull cord on wired boom poles. If it does not close all the way, open and close it starting at the bottom.
- Do not close the boom all the way, leave about an inch between segments.

Microphone Stands



Non-Reservable

Kit IDs: DS1 - DS5 Kit Contents: Desk Mic Stands

Left: Desk Microphone stand. Great for doing some ADR off a table.



Above: The floor microphone stand is great for doing ADR and other things when you dont have a table for a desk micriphone stand.

Non-Reservable

Kit IDs: FS1-FS3, FS5-FS6 Kit Contents: •Floor Mic Stands

Notes, Tips & Tricks:

• You may want to check out a sandbag with the floor microphone stand, depending on which microphone you are using.



Boom Basket to Mic Stand Adapter

Notes, Tips & Tricks:

• You can use this to attach a microphone that is held by a boom basket or shock mount to a microphone stand.

Mic Pop Filter & Parabolic Mic Holder

Reservable Item

Kit ID: Mic Pop Filter **Kit Contents:** Pop Filter

Notes, Tips & Tricks:

• Used to reduce applosives ("p" sounds) and other breath noises when recording voices.



Above: The microphone pop filter is great for stopping unwanted breath noise.

Reservable Item

Kit ID: PR **Kit Contents:**

Parabolic Reflector Case

- Used to capture sounds at a great distance.
- Very directional.
- You must reserve a (cardioid) microphone separately.
- Has a 3/8-16 mount on the bottom so it can be attached to a tripod.



Above: The Parabolic reflector is great for spoting events and doc shoots when you are unable to get close to the action of whatever is going on.

Headphones



Above: These headphones are good for general listening to something on the computer.

Reservable Item

Kit IDs: 1 - 10 **Kit Contents:** Sennheiser HD-201

Notes, Tips & Tricks:

- Do not use for accurate sound mixing, but good for general editing.
- When wrapping cables to return, do not wrap the cord around the headphones. Cord should return wrapped in the method demonstrated in the photo.



Above: These headphones are great all around and are better than the Sennheiser's for mixing audio on the computers in the NLE.

Reservable Item

Kit IDs: 1 - 15 Kit Contents: Sony MDR-7506 Bag

- Flat response, great for mixing.
- When wrapping cables to return, do not wrap the cord around the headphones, just dangle the cord into the bag and put the headphones on top of it.
- Make sure the bag number matches the headphone number.

Stereo Array Bar

Reservable Item

Kit IDs: 1-6 Kit Contents: Stereo Array Bar

- Used to record SFX in a stereo array.
- You need a microphone stand or a boom pole with an adapter to set up.
- All sound effects should be recorded in stereo.



Above: Use these and two microphones to record sound effects in stereo.

SOUND MICROPHONES

"Dynamic" means that the microphone requires no additional power.

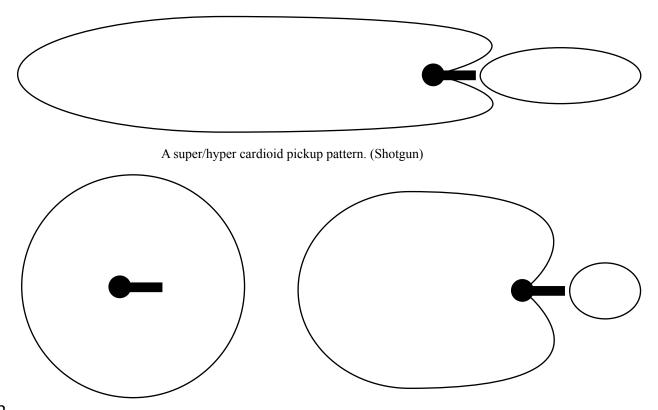
"Condenser" means that the microphone requires power (Phantom or Battery) and is slightly more fragile.

Having a "cardioid" pickup pattern means that a microphone picks up more sound information in front of it than behind it or beside it.

Having a "super (or hyper) cardioid" pattern means that a microphone is more directional and picks up much more information in front of it than behind it or beside it. "Shotgun" or "boom" microphones are super cardioid.

Having an "omni" pickup pattern means that the microphone will pick up sound fairly equally in all directions.

DO NOT use a battery when a microphone is already connected to phantom power.



152

An omni-directional pickup patttern

A cardioid pickup pattern.

Cardioid

Reservable Item

Kit IDs: RE-15 #1-RE-15 #5 **Kit Contents:**

RE-15 Mic Case

Electro-Voice RE-15

Notes, Tips & Tricks:

- Cardioid Dynamic Microphone
- For sound effects recording and vocals.



Reservable Item

Kit IDs: RE-16 #1 - RE-16 #2

Kit Contents:

RE-16 Mic

Case

Electro-Voice RE-16

Notes, Tips & Tricks:

- Super-Cardioid Dynamic Microphone
- For sound effects recording and vocals.



Reservable Item

Kit IDs: Nady1-Nady4

Kit Contents:

Nady CM-90

Case

Nady CM-90

- Cardioid Condenser Microphone
- Good for recording sound effects and instruments.



Cardioid



Reservable Item

Kit IDs: Rode1 -Rode2 Kit Contents: Rode NT3 Case Mic Holder

Rode NT3

Notes, Tips & Tricks:

- Cardioid Polar Response Condenser Microphone
- Great for sound effects, vocals and instruments.



Reservable Item

Kit IDs: ATM1 - ATM2 Kit Contents: ATM 31a Case

Audio Technica ATM 31a

Notes, Tips & Tricks:

- •Cardioid Condenser Microphone
- Useful for sound effects recording or for handheld vocals.



Reservable Item

AKG D190E

Notes, Tips & Tricks:

- Cardioid Dynamic Microphone
- Great for sound effects recording or for handheld vocals.

Kit IDs: AKG Kit Contents: AKG D190E Case

Omni-Directional

Reservable Item

Kit IDs: SM58 #1 - SM58 #2

Kit Contents:

Sure SM58

Case

Sure SM58

Notes, Tips & Tricks:

- •Omni-Directional Dynamic Microphone
- Good for vocals and all purpose recording.



Reservable Item

Kit IDs: RE-50 #1 - RE-50#2

Kit Contents:

ATM 31a

Case

Electro-Voice RE-50

- Omni-Directional Dynamic Microphone
- Good for handheld vocals or to capture room ambience.



Wireless LAV Kit



Reservable Item

Kit ID: WL1 - WL3 **Kit Contents:**

Omni Lav Microphone Wireless Transmitter Wireless Receiver Wireless Antenna Wireless Antenna Receiver Case Case

Left: the receiver, transmitter and lavaliere microphone.

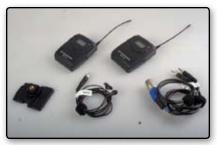


Kit Information:

Wireless Lav: Audio-Technica MT830c, Sennheiser G3's.

Notes, Tips & Tricks:

• Range is short, approximately 20 meters for the AT, and 100+meters for the Sennheisers.



Above: Sennheiser Kit

Super Cardioid/Wired Lav Kit



Reservable Item

Kit ID: SM1-SM8
Kit Contents:
CK91 Microphone
Power Cable
Pistol Grip
Rycote Zeppelin
Omni Lav Microphone
Power Supply
Windscreen
XLR Cable
XLR Splitter

Above: the shotgun and lavaliere microphones.



Above: shotgun microphone accessories including shockmount, blimp, windscreen, brush, XLR splitter and XLR cable.

Kit Information:

Shotgun Microphone: AKG CK 98-AT 835b- Sennheiser ME 66- Sennheiser ME 80.
Wired Lav: Audio-Technica MT830c, Senneiser 102, Sony.

- These mics will be the power horses for most location recording.
- The wired lavs are most useful for shooting interviews. They are more reliable than wireless lavs.







The Shotgun Kits also come with AT 835b, Sennheiser ME 66, and Sennheiser ME 80.

Super-Cardioid

Reservable Item

Sennheiser 816

Notes, Tips & Tricks:

- Super-Cardioid Condenser Microphone
- Very directional, good for noisy locations.
- Must use phantom power.



Above: The 816 with its Rycote set up.



Above: The 816 with the Rycote open so you can see the microphone.

Kit IDs: 816 Kit Contents:

Brush Case 816 Microphone Rycote Modular Windshield System Short XLR Cable Windjammer

Reservable Item

Kit IDs: ME-67 Kit Contents:

Case

MZH 70-1 Windscreen MZS 20-1 Shock Mount Microphone

Sennheiser ME-67

- Lobar (Hypercardioid) Condenser Microphone
- Very directional, good for noisy locations.



Above: The ME-67, pictured here without its windscreen, is our second longest shotgun.

Cardioid/Wired Lav Kit



Reservable Item

Kit IDs: CM1-CM2 Kit Contents:

CK91?Numann KM-150

Case

Power Supply (for KM-150)

Shock Mount

Wind Sock

Zeplin

Long XLR

XLR Splitter

Wired Lav

Cardioid/Wired Lav Kit

- •Variable Condenser Microphone
- Short shotgun has a large pickup pattern than most shotguns (less directional.)
- Good for quiet, indoor locations.
- -These two mics are some of the highest quality in our arsenal. Especially the Neumann KM-150. They are more difficult to use, as they will pick up any unwanted noise, but if the conditions are right they will prove the best option.
- -They are also a good option for foley work.

Sound Kit







Reservable Item

Kit ID: S1 - S8 **Kit Contents:** Shotgun Capsule Shotgun Power Rycote Softie Boom Basket Boom Pole Wired Lav Power Wired Lav Mic Wireless Mic Wireless Transmitter Wireless Receiver Wireless Antenna Wireless Antenna Shure FP24 Mixer Headphones 1/4" Adapter 25' XLR Cable XLR Extension XLR Splitter Duplex Cable Mini(M) to XLR(F) Mini(M) to XLR(M) Mini to Mini Mixer Portabrace Case Pelican Case Silica Gel

Stereo Mic Kit

Reservable Item

Kit ID: SM-1 **Kit Contents:**

CK 91: Microphone

Capsule

CK 91: Microphone

Capsule

Microphone Power

Microphone Power

A91 Joint A91 Joint

CK 94: Figure-8 Capsule

Rycote Zeppelin Rycote Softie

XLR Cable

XLR Cable

Pelican Case

Stereo Array Bar



Above: the microphones, joints and power sources.

Kit Information:

Microphones: AKG CK 98, 2x AKG CK 91.

- The CK 94: Figure 8 capsule is perfect for two-person interviews or scenes. The pattern allows you to put the microphone between the two, and keep it there. But make sure you are on the correct axis.
- The stereo mic set (2x CK 91 capsules) is great for ambient sounds or foley. The blimp isn't quite as useful as the stereo bar (not pictured), but is good when a microphone stand isn't easily available.
- The best way to create a stereo pair is to get the microphones as close as possible by tilting them 45 degrees towared each other. A good example is the stereo array on the Zoom recorder.



Above: accessories, including shock mount, blimp, windscreen, foam heads and XLR cables.



SOUND RECORDERS & MIXERS

Fostex DAT Kit



Reservable Item

Kit ID: WL1 - WL3 **Kit Contents:**

Recorder
Battery Charger
Battery
Battery
Battery
Power Cord
4-Pin AC Power Supply
XLR (M) to 5-Pin (F)
XLR (M) to 5-Pin (F)

Above: a view of the top of the recorder and its controls.



Kit Information:

Portabrace Case Pelican Case

Format: DAT Tape

Notes, Tips & Tricks:

осо, тър



Above: accessories, including power cord, power adapter,

battery charger, batteries and XLR adapters.

Mackie Mixer & MM-3100



Above: The Mackie Mixer is good for a shoot in a studio.

Reservable Item

Kit IDs: 1-2 Kit Contents: Mackie Mixer

Mackie Mixer 1202-VLR

Kit Information:

Mixer or Recorder: Mixer Channels In: 8 Channels Out: 1(2)

Notes, Tips & Tricks:

• Great for studio mixing, not so great on location because it is so big. Good for situations with multiple microphones.



Below: If you need to mix three channels down to one this is what you should use.

Reservable Item

Kit IDs: FM1 Kit Contents:

Case MM-3100

Field Mixer

Kit Information:

Mixer or Recorder: Mixer Channels In: 3 Channels Out: 2

- Good for on location multiple microphone setups.
- Caution: once tracks are mixed down, they can't be separated later.

Nagra 3 & Sony Cassette Recorder

Reservable Item

Kit IDs: Nagra Kit Contents:

Nagra 3 Case Power Supply Counter

Nagra 3

Kit Information:

Mixer or Recorder: Recorder Channels In: 2

- Uses 1/4" Magnetic tape an analog recorder, not digital.
- Requires 9 D-cell batteries.
- Very heavy.



Sound Devices 302



Above: Take advantage of this mixer's preamps (better quality than the cameras) and full meter L.E.D.



Above: The 302 has two out puts, great for running into a camera.



Above: The 302 has three inputs so you can mix down to two.

Reservable Item

Kit IDs: SDM 1 - SDM 3 **Kit Contents:**

Sound Devices 302 1/4in. to 1/8in. Adapter Case

Kit Information:

Mixer or Recorder: Mixer Channels In: 3 XLR-in Channels Out: 2 XLR-out

- Can go between a digital camera and microphone so that the recorded camera sound is already in sync and of higher quality.
- Make sure small switches are set appropriately for your recording purpose. (Consult manual.)
- Takes three AA batteries.
- Checking out a manual is recommended. Theo Lipfert is also a good source of information.
- -The pre-amps in the SD 302 are MUCH nicer than those in the 702 or 722. You get a better recording if you mix into the 302, and then record into the 702 via a line input.

Sound Devices 722 & 702

Reservable Item

Kit IDs: HDR 1 - HDR 6

Kit Contents:

1/8in. to 1/4in. Adapter

Body

CF Card

CF Case

CF Reader

Case

Power Supply

TA3-F to XLR-M

TA3-F to XLR-M

USB 2.0 Cable



Right: The hard disc has two inputs.

Far Right: The case for the 722 is very well padded and holds the recorder in place well, please keep it in the case as much as possible.





Kit Information:

Mixer or Recorder: Recorder Channels In: 2

Notes, Tips & Tricks:

- Records to a device-internal hard drive and then transfers via 6-pin firewire to a computer, or, preferrably, via enclosed compact flash reader.
- Use the compact flash reader to transfer data the firewire ports are continually being damaged by attachment in an incorrect order.
- 722 Can record to both hard drive and compact flash simultaneously.
- If connecting to computer with firewire, make sure all power is off when connecting firewire, then turn on computer and recorder.
- Will take any Sony L-Series battery.
- --We have both the SD 722 and 702. Functionally these two recorders are exactly the same, except that the 722 also allows the used to record to an 80GB internal Hard Drive. This is extremely good for back-up!

Right: accessories, including power cord, C-link cable, USB cable, CF reader, 1/8": - 1/4" adapter and XLR - XL-2 adapters.



Zoom H₄N



Reservable Item

Kit IDs: Zoom1-Zoom6

Kit Contents

Zoom Recorder
SD card
SD card case
Green Zoom case
Hand Hold handle
Instruction Manual
Power Supply
Card Reader
Card Reader USB cable



Above: The Zoom H4N has a stereo pair microphones, which are perfect for ambiance recording.

Below: The Zoom also has two XLR imputs... although gain cannot be controlled separatelyl



Kit Information:

Mixer or Recorder: Recorder Channels In: 2

- Records four tracks to an SD card.
- Offers the option to record to two XLR imputs and or a stereo pair attached to the top.
- The gain for the XLR imputs cannot be controlled separately!
- Every time a the SD card is cleaned, the files are renammed, which means that several files have the same name.
 It is best to batch change the file names each time the card is dumped.
- Do no attempt to use phantom power, it will kill your batteries immediately!

EXPENDABLES

EXPENDABLES



DVCAM Tape



Sony HDV Tape



Panasonic MiniDV Tape



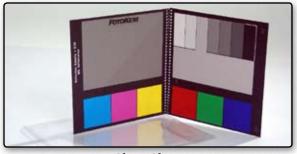
Sony MiniDV Tape



Sony DAT Tape



A Variety of CD/DVD Cases



Chip Chart



Lens Cleaning Kits

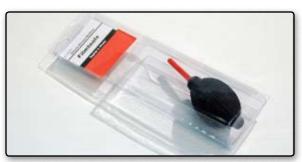
EXPENDABLES



Photoflood Daylight Balanced Bulb



Incandescent Bulb (Various Wattages)



Lens Blower



X-Acto Scalpel



Blackwrap



Silica Pellets (To keep things dry.)



Compressed Air



Fog Fluid

EXPENDABLES



A wide variety of gels and diffusion.



Pelican Cases (All sizes available on demand)



Duvetyne

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SYMBOLS

1/4in. Cable 25 1/4in. Female to Double RCA Male 9 1/4in. Female to Female XLR Adapter 8 1/4in. Headphone Splitter 9 1/4in. Male to 1/4in. Female 25 1/4in. Male to 1/8in. Female 7 1/4in. Male to RCA Female 6 1/4in. Male to Two RCA Female 9 1/4in. Male to XLR Female 26 1/4in. M to Female XLR 8 1/8in. Cable 25 1/8in. Female to Double RCA Male 9 1/8in. Headphone Splitter 9 1/8in. Headphone Splitter, Three-Way 10 1/8in. Male to 1/4in. Female 7 1/8in. Male to Double 1/4in. Female 7 1/8in. Male to Double 1/8in. Female 7 1/8in. Male to RCA Female 7 1/8in. Male to XLR Female 26 1/8in. TRS to Double RCA Cable 21 1/8in TRS to Triple RCA Cable 21 67-72 Step Up Ring 74 80A Filter 69, 72 81A Filter 72 81C Filter 72 82A Filter 72 82B Filter 72 85A Filter 72 85B Filter 69, 72 85BN.3 Filter 69 85BN.6 Filter 69 85C Filter 72 85 Filter 69, 72 85N.3 Filter 69, 72 85N.6 Filter 69, 73 85N.9 Filter 69, 73 85N1.2 Filter 69

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