

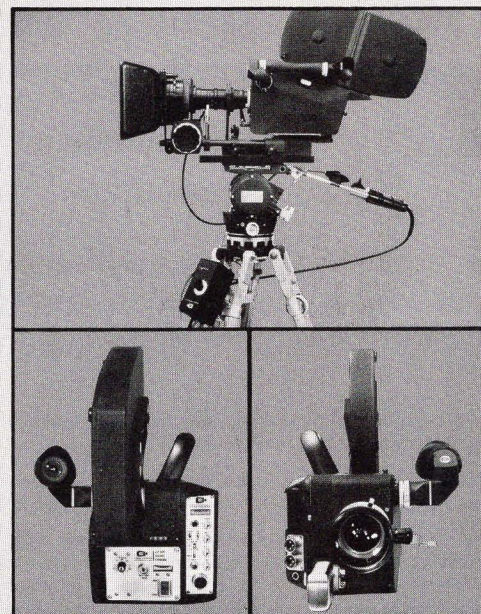
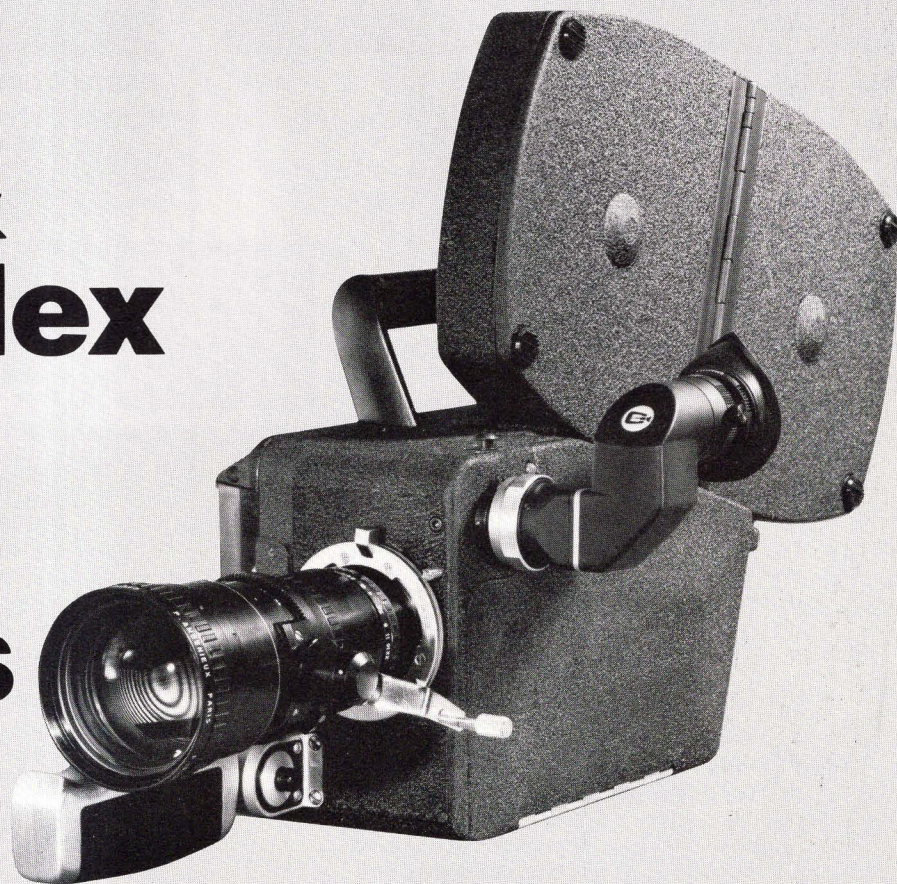
Price List

EFFECTIVE DATE:
MARCH 7, 1980

CP-16 Reflex & Non-Reflex 16mm Camera Systems

**For: Newsfilm
Documentaries
Television Commercials
Studio Feature Production**

- ☐ Crystasound Amplifier
- ☐ Crystasound Recording System Accessories
- ☐ Crystalink Wireless System ☐ Crystaslate Frame Marking System
- ☐ CP-16R "Studio-Rig" ☐ Cinevid-16 Video-Assist System
- ☐ Zoom Lenses/Prime Lenses/Lens Accessories
- ☐ CP-16 & CP-16R Camera/Lens Packages ☐ Power Supplies
- ☐ Magazines ☐ Location Carrying Cases
- ☐ Semi & Fully Automatic Exposure Control
- ☐ CP-16 & CP-16R Camera Modifications & Accessories
- ☐ J-5 Handgrip Power Zoom Control (& Bracketry)
- ☐ Snap-Latch Camera Mounting System ☐ Shoulder Pods



cinema E products
CORPORATION

Technology In The Service Of Creativity

2037 Granville Avenue, Los Angeles, California 90025
Telephone: (213) 478-0711 • (213) 477-1971 • Telex: 69-1339

**CP-16 & CP-16/A NON-REFLEX
CAMERA SYSTEM**

ORDER CODE	DESCRIPTION	PRICE
1C216	CP-16 Sound Camera (without sound system). With internal crystal-controlled DC motor drive system; out-of-sync warning light; behind-the-lens filter slot; and adjustable front handgrip. (Designed for single & double system sound.) Supplied with two NC-4 battery packs, two NCC-6 battery chargers; lens cavity cap; two gelatin filter holders; magazine take-up belt; magazine well cover plate; handgrip connector cover plate; four magazine lock mount studs; and operation/maintenance manual. <i>Includes</i> Auxiliary Side Cover (with 8-pin connector).	\$4400.00
1C272	CP-16/A Sound Camera , (same as 1C216) <i>less</i> Auxiliary Side Cover, but with built-in Crystasound Amplifier.	5775.00
1C275	CP-16/A Sound Camera , (same as 1C272) with built-in Crystasound Amplifier, and 3XL-2AZ Magnetic Head.	6475.00
1C281	CP-16/A Sound Camera , (same as 1C272) with built-in Crystasound Amplifier, 3XL-2AZ Magnetic Head, RE50 Microphone, and CP Headphone set.	6650.00
1C284	CP-16/A Sound Camera , (same as 1C272) with built-in Crystasound Amplifier, 3XL-2AZ Magnetic Head, RE50 Microphone, CP Headphone set, <i>and</i> Auxiliary Side Cover (with 8-pin connector).	7000.00

IMPORTANT: When ordering CP-16R reflex or CP-16 non-reflex camera models — Please SPECIFY: 1) 24 fps OR 25 fps; 2) Footage Counter OR Meter Counter.

CP-16 Camera/Zoom Lens Packages

NOTE: When ordering any of the above Camera Systems <i>with</i> :		
1N112	Angenieux 12-120mm AV30 (1" viewfinder): <i>add</i>	5100.00
1N123	Angenieux 9.5-57mm AV30 (1" viewfinder): <i>add</i>	2882.50
1N140	Angenieux 12-240mm AV30 (1" viewfinder): <i>add</i>	6800.00

TO ORDER: Reference the designated camera order code and the designated lens code numbers.

NOTE: Prices for CP-16 and CP-16A cameras ordered with Angenieux lenses which are not listed are available on request.

NOTE: All Angenieux zoom lenses ordered with CP-16 or CP-16A cameras are delivered with triple slotted C-sleeve installed on C-cup at no charge.

NOTE: Special Camera/Lens Packages are available to meet individual zoom and prime lens requirements. Please inquire.

Prices & Specifications Subject to Change Without Notice.
Prices F.O.B. Factory (Los Angeles, California).

**CP-16R & CP-16R/A
REFLEX CAMERA SYSTEMS**

ORDER CODE	DESCRIPTION	PRICE
1C316	CP-16R Sound Camera (without sound system). With internal crystal-controlled DC motor drive system; sync speeds 24 or 25 fps; variable speeds of 12, 16, 20, 28, 32, and 36 fps—or 12.5, 16.5, 21.0, 33.5 and 37.5 fps; out-of-sync warning light; CP lens mount; high-efficiency spinning mirror 170° reflex shutter; 12X reflex viewfinder (fixed in orientation) with adjustable diopter; fiber optics viewing screen; behind-the-lens gel filter slot; and adjustable front handgrip. Designed for single/double system sound. Information display indicators (LEDs) visible in the viewfinder include: VU audio modulation levels (operable only with Crystasound Amplifier attached), low film warning, out-of-sync warning and low battery warning. Supplied with two NC-4 battery packs; two NCC-6 battery chargers; lens cavity cap; two gelatin filter holders; magazine take-up belt; magazine well cover plate; handgrip connector cover plate; four magazine lock mount studs; and operation/maintenance manual. <i>Includes</i> Auxiliary Side Cover (with 8-pin connector).	\$ 9500.00
1C372	CP-16R/A Sound Camera , (same as 1C316) <i>less</i> Auxiliary Side Cover, but with built-in Crystasound Amplifier.	10,975.00
1C375	CP-16R/A Sound Camera , (same as 1C372) with built-in Crystasound Amplifier, and 3XL-2AZ Magnetic Head.	11,675.00
1C381	CP-16R/A Sound Camera , (same as 1C372) with built-in Crystasound Amplifier, 3XL-2AZ Magnetic Head, RE50 Microphone, and CP Headphone set.	11,850.00
1C384	CP-16R/A Sound Camera , (same as 1C372) with built-in Crystasound Amplifier, 3XL-2AZ Magnetic Head, RE50 Microphone, CP Headphone set, <i>and</i> Auxiliary Side Cover (with 8-pin connector).	12,150.00

CP-16R Reflex Camera/Zoom Lens Packages

NOTE: When ordering any of the above Camera Systems <i>with</i> :		
1N319	Angenieux 10-150mm BCP: <i>add</i>	4775.00
1N312	Angenieux 12-120mm BCP: <i>add</i>	3800.00
1N370	Canon Macrozoom 12-120mm CP: <i>add</i>	2645.00
1N317	Angenieux 9.5-57mm BCP: <i>add</i>	4600.00
1N321	Angenieux 17.5-70mm BCP (includes retro-zoom attachment for conversion to 12.5-50mm): <i>add</i>	1750.00
1N332	Angenieux 16-44mm T1.3 BCP: <i>add</i>	6300.00
1N328	Angenieux 12-240mm BCP: <i>add</i>	7500.00

TO ORDER: Reference the designated camera order code and the designated lens code numbers.

NOTE: Whenever possible, order camera options and modifications (such as Crystaslate, Auto-Exposure Control (for CP-16R Reflex cameras), 24/36FPS Switch (for CP-16 Non-reflex cameras), etc., at same time as original camera order to avoid retrofit charges.

CRYSTASOUND RECORDING SYSTEM

ORDER CODE	DESCRIPTION	PRICE
1M176	Crystasound Amplifier (includes 3-position "on-off/auto-on" switch), for fitting to existing CP-16 or CP-16R (with return of original Auxiliary Side Cover).	\$ 1375.00
1M178	Crystasound Amplifier (includes 3-position "on-off/auto-on" switch), for fitting to existing CP-16 or CP-16R (without return of original Auxiliary Side Cover).	1650.00
1M193	Crystasound 3XL-2AZ Magnetic Head (including retaining clip).	700.00
1M195	3XL-2AZ Magnetic Head (including retaining clip), with the trade-in of any existing magnetic head.	350.00
1M196	Rebuild of existing 3XL-2AZ or Auricon TR-RPH-11 magnetic heads.	250.00
1M236	RE50 Microphone—with built-in windscreen (includes 15 ft. cable).	125.00
1M245	Beyer Windscreens—Model WS86, for use with 1M244, 1M236 and similar mikes.	92.00
1M246	Beyer Suspension Shock Mount—Model EA24, for use with 1M244, 1M236 and similar mikes, and microphone boom arm 1M305.	106.00
1M257	CP Micro-Mike, subminiature microphone with 12' cable, Vega jack termination, tie clip (supplied in case); and with 1M258 Balancing Transformer with 3-pin female termination. For use with CL-1 and CL-2 and other wireless transmitters, Crystasound Amplifier or Nagra recorder.	175.00
1M258	Balancing Transformer, as spare. (For use with 1M256 or 1M257.)	50.00
1M305	CP Microphone Boom (Fishpole), extends from 2' to 6'8". (Complete with microphone stud and internal 10' length of wire with two 3-pin female terminations.)	90.00
1M240	Pre-Amplifier for Sennheiser Condenser Mike (1M238) and Dove-tail Support (1L236).	330.00
1M238	Pre-Amplifier—Model CM-1, for Sennheiser Condenser Mike.	295.00
1L236	Dovetail Support, bracket for mounting CM-1 Pre-Amplifier, Crystalink CL-2 Receiver, or Cinevid-16 Video Sync Generator to Crystasound Amplifier.	35.00
1M232	CP Headphone Set.	52.50
1M186	Auxiliary Side Cover (with 8-pin connector), as spare.	350.00
1L362	Auxiliary Side Cover, modified for 12V output to power Crystalink CL-2 Receiver (or Cinevid-16) directly from the camera battery. (Note: For use with Crystalink CL-2 Receiver, use 1J160 cable previously supplied. Mounting plate 1L397 is also required.) NOTE: 1L362 can be supplied in place of original Auxiliary Side Cover, when ordering camera.	450.00
1L363	Auxiliary Side Cover, modified same as 1L362 (with return of existing Auxiliary Side Cover).	280.00
1M222	Auxiliary Mixer—Model 6C (including 1J187 Connecting Cable).	1100.00
1M202	Adapter for Crystasound Tape Feed-out.	44.00
1M203	3kHz Bias Test Oscillator (pocket-size), for adjusting bias in the field.	95.00
1M113	Front-mounted VU Meter, w/Angenieux Automatic Iris power connector and Tape Feed-out connector (for CP-16 only).	185.00
1M181	Crystasound Amplifier "Auto-On/Off" Modification Kit (includes 3-position on-off/auto-on switch and new control panel). Does not include installation labor.	55.00
1M179	CCIR Kit, for Crystasound Amplifier with external bias control.	85.00

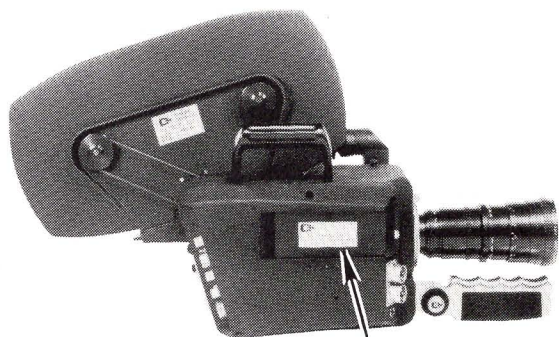
Crystalink Wireless Transmitter/Receiver System

1M264	Crystalink Wireless Receiver & Transmitter-Model CL-3. Supplied with Swintek Model 50A Transmitter, plus 1J160 cable, 1M269 input adapter, and 1L236 dovetail for mounting receiver to CP-16/A or CP-16R/A cameras (does not include microphone).	1880.00
1M260	Crystal Front End for CL-3 as option, for frequencies below 175 MHz.	180.00
1M261	Crystal Front End for CL-3 as option, for frequencies 175 MHz and above.	330.00
1M266	Swintek Model 50A Transmitter, for CL-2 and CL-3 (as additional unit).	675.00
1M249	Crystalink Wireless Receiver-Model CL-1, fully installed, and supplied with Vega Model 54 Microphone/Transmitter.	1650.00
1M270	Crystalink Wireless Receiver-Model CL-1, fully installed, and supplied with Vega Model 77 Transmitter (does not include lapel microphone).	1650.00

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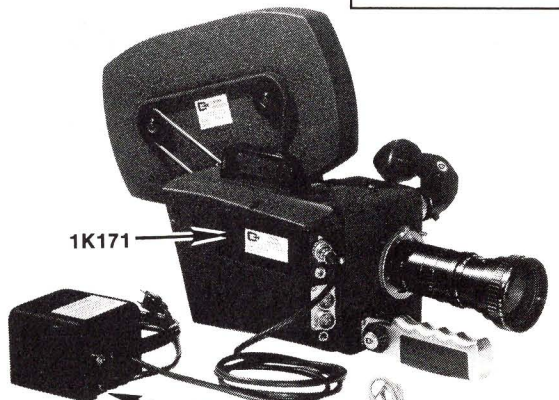
1K152



1K161



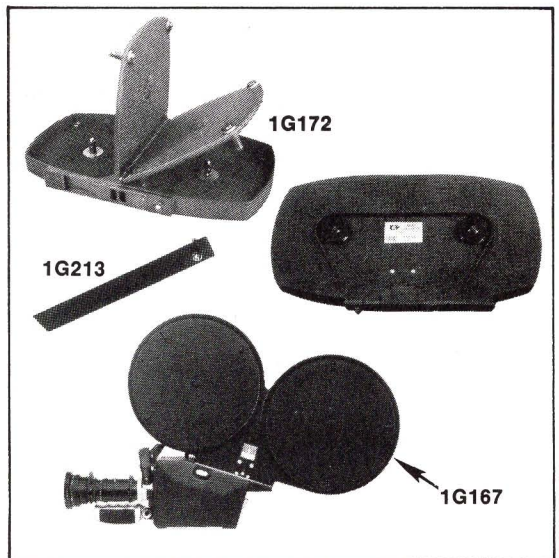
1K164



1K171

1K169

1J152



1G172

1G213

1G167

1M200	Vega Model 81 Microphone/Transmitter (Non Dynex model).	\$ 925.00
1M247	Vega Model 77 Transmitter (additional unit).	700.00
1M276	Mercury Battery (12.6V; Mallory #TR-289), for use with Vega Model 54 Microphone/Transmitter, as spare.	9.00
1M256	CP Micro-Mike, subminiature microphone with 4½ ft. cable, Vega jack, tie clip; (supplied in a case). For use with Crystalink CL-1, CL-2 and CL-3, and other wireless transmitters.	130.00
1M269	Input Adapter for Crystalink CL-2 and CL-3, as spare. (Note: Also serves as option in Cinevid-16 system. <i>Reference: 1J375 Power Cable.</i>)	46.00

NOTE: Both CL-1 (Vega) and CL-3 (Swintek) wireless systems are available with "blank" VHF channels, in accordance with recent FCC rulings.

POWER SUPPLIES

1K152	Battery Pack—Model NC-4	115.00
1K161	Battery Charger—Model NCC-6 (for use with NC-4 Battery Pack). Features charging status indicator light and current regulation. Input voltage switchable from 95-130 VAC range to 190-260 VAC range (60 or 50 Hz, single-phase supply).	55.00
1K164	Multiple Battery Charger—Model MBC-6 (1J152 cables additional).	280.00
1K169	AC Power Supply/Battery Charger, complete with one 1K171 AC/DC Power Adapter and one 1J152 Cable.	340.00
1K172	AC/DC Power Adapter (1K171) and Remote-Operation Battery-to-Camera Cable (1J154), for cold weather operation.	76.00
1K171	AC/DC Power Adapter "Dummy Battery" (as spare).	48.00

NOTE: Two NC-4 Nicad Battery Packs and two NCC-6 Battery Chargers are supplied as standard equipment with each CP-16 or CP-16R camera model.

CABLES

1J187	Auxiliary Mixer (1M222)-to-Camera Cable, 10 ft.	130.00
1J190	Microphone Adapter Cable, for unbalanced input.	40.00
1J192	Microphone-to-Camera Cable (3ft.), for top-mounted microphone.	27.50
1J195	Cable (5 ft.) — connects Crystalink CL-1 and CL-2 transmitters to any microphone (includes 3-pin female connector and Vega jack).	27.50
1J196	Cable (5 ft.) — same as 1J195, but connects Crystalink CL-1 and CL-2 transmitters to any microphone cable (includes 3-pin male connector and Vega jack).	27.50
1J160	Crystalink CL-2-to-Camera Cable (7"), as spare. (Does <i>not</i> include 1M269 Input Adapter.)	60.00
1J152	Battery Charger Cable (to charge 1K152 Battery Pack from 1K164 or 1K169).	18.00
1J154	Remote-Operation Battery-to-Camera Cable (2ft.), for cold weather operation.	33.00
1J211	Camera Sync Pulse Signal-to-Nagra 4 Recorder Cable (15 ft.).	60.00
1J213	Camera Sync Pulse Signal-to-Nagra 3 or Tandberg Recorder Cable (15 ft.).	60.00

MAGAZINES AND MAGAZINE ACCESSORIES

1G172	400 ft. (120m) Cinema Products Magazine—Model PLC-4A (including two 1G193 Core Adapters). New and improved ultra-lightweight PLC-4A Magazines are made of high-impact, glass-filled Lexan.® (Serial numbers above #10000 will accept a full 400' load of Fuji film.)	350.00
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1G166	400 ft. (120m) Mitchell Magnesium Magazine.	\$ 350.00
1G167	1200 ft. (360m) Mitchell Magazine, includes 1G188 Belt.	950.00
1G187	Take-up Belt, for 400 ft. (120m) Magazine.	3.25
1G188	Take-up Belt, for 1200 ft. (360m) Magazine.	5.50
1G190	Lock Mount Stud, for PLC-4 type and Mitchell type Magazines, as spare.	2.60
1G213	Magazine Well Cover Plate, as spare.	23.00
1G193	Magazine Core Adapter, for PLC-4A Magazine.	14.00
1G192	Magazine Core Adapter, for PLC-4 and Mitchell type Magazines.	14.00
1G147	Magazine Sound Barney, for PLC-4 type and 400 ft. Mitchell type Magazines.	100.00
1G151	Magazine Protective Cover, for PLC-4 type and 400 ft. Mitchell type Magazines (made of sturdy Naugahyde, protects from sun and dust).	74.00
1G160	Changing Bag, for 400 ft. (120m) Magazines.	40.00
1G240	Film Shield Pro Pouch, protects film from airport X-Ray security devices. Measures 16" x 20" (41cm x 51cm). Can hold six 16mm 400' (120m) rolls, or two 16mm 1200' (360m) rolls, or one 35mm 1000' (300m) roll of film.	18.00

CAMERA ACCESSORIES

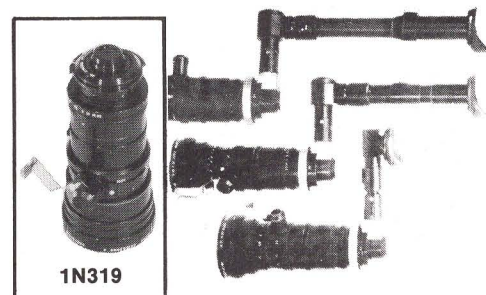
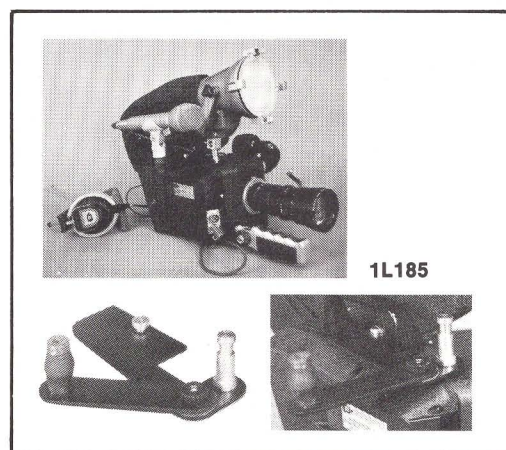
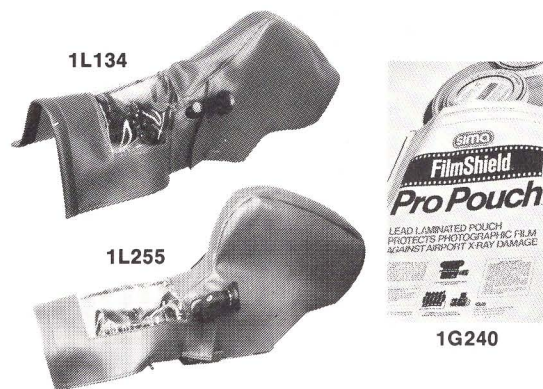
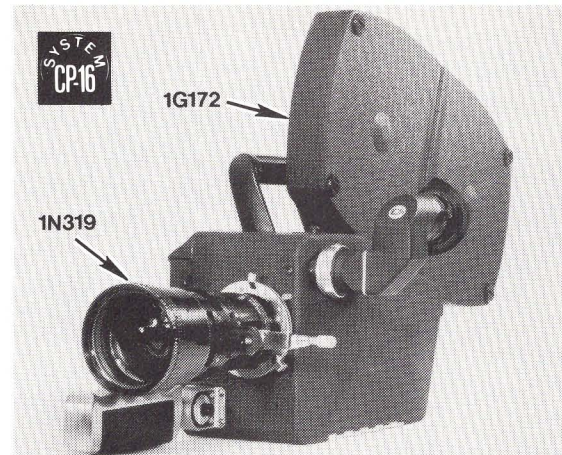
1L112	Lens Mount Cap (CP-16 only)	2.80
1L262	Lens Mount Cap (for CP-16R Reflex only).	19.50
1L117	Gelatin Filter Holder (CP-16 only).	3.80
1L118	Set of 6 CP-16 Gel Filter Holders (1L117)—supplied in case.	26.00
1L267	Gelatin Filter Holder (for CP-16R Reflex only).	3.80
1L268	Set of 6 CP-16R Gel Filter Holders (1L267)—supplied in case.	26.00
1L161	Handgrip Connector Cover Plate, as spare.	7.50
1L184	Accessory Bracket, for installation of mike or light (supplied with removable $\frac{5}{8}$ " and $\frac{1}{2}$ " studs). New design.	90.00
1L185	Accessory Bracket, swing-away type, for installation of mike and light (supplied with removable $\frac{5}{8}$ " and $\frac{1}{2}$ " studs). New design.	100.00
1L201	24 fps Timing Pulley (black), as additional interchangeable pulley.	70.00
1L203	25 fps Timing Pulley (red), as additional interchangeable pulley.	70.00
1L255	Rain Cover—for CP-16R or CP-16R/A Reflex equipped with PLC-4 or Mitchell-type 400 ft. magazine. Permits easy access to all operating controls. Lens markings visible. Made of sturdy blue-colored Naugahyde.	77.00
1L134	Rain Cover, same as above, but for CP-16 and CP-16/A.	77.00
1L196	Carrying Grip, for CP-16 or CP-16R. Knurled grip (1" diameter). Replaces existing top carrying handle.	42.00
1L150	CP-16 Tool Kit—To perform minor field repairs on CP-16 or CP-16R type cameras. Includes handle, handle extension, Xcelite interchangeable driver blades and bristol wrenches, screw starter and tweezers; (supplied in a compact plastic case).	21.00

ZOOM LENSES—FOR CP-16 & CP-16/A CAMERAS

1N112	Angenieux 12-120mm f/2.2 AV30 (1" viewfinder).	5385.00
1N117	Angenieux 12-120mm f/2.2 AVC (7½" viewfinder).	5385.00
1N123	Angenieux 9.5-57mm f/1.6 AV30 (1" viewfinder).	6345.00
1N140	Angenieux 12-240mm f/3.5 AV30 (1" viewfinder).	12,745.00
1N183	Power Connector for Auto Iris lens cable (plugs into Crystasound Mixer Connector).	44.00

ZOOM LENSES—FOR CP-16R & CP-16R/A REFLEX CAMERAS

1N319	Angenieux 10-150mm T2.3 BCP (supplied with T-stop markings only).	5250.00
1N312	Angenieux 12-120mm T2.3 BCP.	4085.00
1N370	Canon Macrozoom 12-120mm T2.7 CP.	3020.00
1N317	Angenieux 9.5-57mm T1.9 BCP.	5010.00
1N321	Angenieux 17.5-70mm T2.5 BCP (includes retro-zoom attachment for converting lens to T2.5 12.5-50mm).	1900.00
1N332	Angenieux 16-44mm T1.3 BCP.	6645.00
1N328	Angenieux 12-240mm T4.2 BCP.	11,425.00



ULTRA

1P180

NOTE: Ultra T lenses are supplied with integral focus and iris gears, and flange depth shims. CP mounts may be interchanged with Arri B and S mounts, and Eclair CA-1 mounts. Footage scales may be interchanged with optional metric scales.

1S115

1P185

SYSTEM
CP-16

1S151

1S262

CP-16R shown with 170° high-efficiency spinning mirror shutter.

1R268

NOTE: For information concerning other adapters/modifications or conversions for existing lenses to CP-16R reflex mount, please inquire.

PRIME LENSES—FOR CP-16R & CP-16R/A REFLEX CAMERAS

1P155	Angenieux 5.9mm T2 CP.	\$ 2025.00
1P165	Angenieux 28mm T1.2 CP.	1795.00
1P180	Ultra T Lens Set (w/CP mounts) <i>includes:</i> 9mm T1.35 CP; 12.5mm T1.25 CP; 16mm T1.25 CP; and 25mm T1.25 CP.	4800.00
1P189	Ultra T 9mm T1.35 CP.	1580.00
1P192	Ultra T 12.5mm T1.25 CP.	1375.00
1P196	Ultra T 16mm T1.25 CP.	1240.00
1P185	Ultra T 25mm T1.25 CP.	1120.00
1P181	Ultra T Lens Set (w/Arri B mounts) <i>includes:</i> 9mm T1.35 Arri B; 12.5mm T1.25 Arri B; 16mm T1.25 Arri B; and 25mm T1.25 Arri B.	4800.00
1P190	Ultra T 9mm T1.35 Arri B.	1580.00
1P193	Ultra T 12.5mm T1.25 Arri B.	1375.00
1P197	Ultra T 16mm T1.25 Arri B.	1240.00
1P186	Ultra T 25mm T1.25 Arri B.	1120.00
1P199	Ultra T Lens Set (w/Eclair CA-1 mounts) <i>includes:</i> 9mm T1.35 CA-1; 12.5mm T1.25 CA-1; 16mm T1.25 CA-1; and 25mm T1.25 CA-1.	4800.00
1P200	Ultra T 9mm T1.35 CA-1.	1580.00
1P201	Ultra T 12.5mm T1.25 CA-1.	1375.00
1P202	Ultra T 16mm T1.25 CA-1.	1240.00
1P203	Ultra T 25mm T1.25 CA-1.	1120.00

LENS ACCESSORIES

1S115	Angenieux C-Cup, with C-Ring, Rear Lens Cap, and slotted C-Sleeve installed.	165.00
1S118	Angenieux C-Ring (threaded), as spare for C-Cup.	12.00
1S119	C-Sleeve, triple-slotted, installed on customer furnished C-Cup.	32.00
1S122	Angenieux C-Cup, with C-ring, Rear Lens Cap (for Angenieux 9.5-57mm AV30 lens).	210.00
1S151	Data Rings, set of 4, for 12-120mm Angenieux Zoom Lens.	100.00
1S153	Data Rings, set of 4, for 9.5-95mm Angenieux Zoom Lens.	120.00
1S155	Data Rings, set of 4, for 9.5-57mm Angenieux Zoom Lens.	105.00
1S284	Data Rings, set of 4, for 10-150mm BCP Angenieux Zoom Lens.	50.00
1S282	Data Rings, set of 4, for 12-120mm BCP Angenieux Zoom Lens.	90.00
1S262	CP Reflex Lens Mount Adapter (Arri <i>standard</i> mount-to-CP-16R reflex mount).	64.00
1S263	CP Reflex Lens Mount Adapter (Arri <i>bayonet</i> mount-to-CP-16R reflex mount).	95.00
1S277	CP Reflex Lens Mount Adapter (Nikon-mounted lenses-to-CP-16R reflex mount. Installs in CP-16R lens port.)	210.00
1S200	CP-to-C-mount Adapter.	150.00
1S274	CP Reflex Lens Mount Adapter. Adapts most Cooke Kinetal prime lenses already in Arri standard mount-to-CP-16R reflex mount. (For installation by factory or dealer only. Price does not include installation labor.)	145.00
1S290	Rear Lens Cap for CP Mount, as spare. (Large size, fits over CP mount.)	15.50
1P070	Arri Bayonet Mount, for Ultra T Lenses <i>only</i> .	150.00
1P080	CP Standard Mount, for Ultra T Lenses <i>only</i> .	150.00
1P090	Eclair CA-1 Mount, for Ultra T Lenses <i>only</i> .	160.00
1P679	Tiffen Filter Adapter (67mm 9), for Ultra T 9mm prime lens.	20.00
1P529	Tiffen Filter Adapter (52mm 9), for Ultra T 12.5mm, 16mm and 25mm prime lenses.	28.00
1S425	Tiffen 85 Series 9 Filter	30.00
1S400	Tiffen 85B Series 9 Filter.	40.00
1S426	Tiffen 85 N3 Series 9 Filter	40.00
1S427	Tiffen 85 N6 Series 9 Filter	40.00
1S428	Tiffen 81 EF Series 9 Filter	40.00
1S403	CP Slip-on Filter Retainer/Sunshade Adapter for Angenieux 9.5-57mm Lens. Accepts Series 9 filter. (For use with Angenieux supplied sunshade.)	80.00
1S411	Tiffen Collapsible Wide Angle Rubber Sunshade, for Angenieux 9.5-57mm Lens (For use with 1S414 Tiffen Series 9 slip-on adapter.)	45.00
1S414	Tiffen Slip-on Series 9 Filter Adapter for Angenieux 9.5-57mm lens. (For use with 1S411 sunshade.)	30.00

1S410	Tiffen Slip-on Series 9 Filter Retainer/Sunshade Adapter for the Zeiss 10-100mm Lens. (Requires additional 1S412 screw-in sunshade.)	\$ 35.00
1S412	Tiffen Collapsible Series 9 Rubber Sunshade. (Screw-in type, for 1S410 and other Tiffen adapters.)	24.00
1S413	Tiffen Collapsible 86mm Rubber Sunshade. Accepts Series 9 filters. (Screws into adapter supplied by Angenieux for 12-120mm and 10-150mm lens.)	24.00
1S404	Cine 60 Slip-on Lens Shade for Angenieux 12-120mm and 10-150mm lens. (Clamps over Angenieux Series 9 filter retainer supplied with lens.)	95.00

NOTE: Full range of additional lens accessories available (filters, sunshades, etc.). Please inquire.

VIEWING COMPONENTS

1R130	Angenieux V30 Viewfinder, 1" (with TV Reticle).	800.00
1R180	Rubber Eyecup for Cinema Products and Angenieux Viewfinders.	7.20
1R236	Fiber Optics Viewing Screen (focusing plate), for CP-16R Reflex camera as spare (with markings for 16mm projector aperture and TV safe action area, plus markings for 35mm 1.85:1 blow-up).	120.00
1R235	Same as above (1R236), but with 1.66:1 markings.	120.00
1R241	Ground Glass for CP-16R Reflex camera (with marking for TV safe action area, and markings for 35mm blow-up to 1.85:1 and Academy aperture).	90.00
1R255	Screw-on Cap for CP-16R Viewfinder Port, as spare.	2.50
1R256	Screw-on Cap for CP-16R Viewfinders (either standard reflex or orientable), as spare.	2.50
1R500	Cinema Products Standard 12X Viewfinder (with positive lock), as spare.	1000.00
1R268	Cinema Products Orientable Viewfinder (erect image). Viewfinder pivots for left or right eye viewing, and offers full 360° erect image orientation. In normal operation, eyepiece is located 1" (25mm) behind film plane.	1600.00
1R271	Extension Tube Assembly—for convenient tripod operation when using the CP Orientable Viewfinder. In normal operation, eyepiece is located 7" (178mm) behind film plane. (For use only with CP Orientable Finder 1R268.)	300.00

J-5 HANDGRIP POWER ZOOM CONTROL

2G105	J-5 Handgrip Servo-Zoom Control & Motor (variable speeds to 2½ seconds max.). Includes Power Cable (2J119) & Motor Cable (2J218).	1400.00
2G111	J-5 Handgrip Servo-Zoom Control & Motor (variable speeds to 4½ seconds max.). Includes Power Cable (2J119) & Motor Cable (2J218).	1400.00
2G146	J-5 Servo Motor, as spare (variable speeds to 2½ seconds max.).	650.00
2G153	J-5 Servo Motor, as spare (variable speeds to 4½ seconds max.).	650.00
2J218	J-5 Motor Cable, as spare (NOTE: Can also be used as a spare for CL-2 Cable 1J160 and 1J264 Auto Iris Power Cable).	60.00
2J219	J-5 Power Cable, as spare.	60.00
2J222	J-5 Remote Operation Cable Set (4½ ft.), includes 2J220 and 2J221 Power and Motor Cables.	140.00
2J220	J-5 Long Power Cable, for remote operation (4½ ft.), as spare.	70.00
2J221	J-5 Long Motor Cable, for remote operation (4½ ft.), as spare.	70.00
2L100	J-5 Up-date Kit (includes 2J119 Power Cable), to retrofit previous J-5 model using <i>integral</i> cable. (Installation at <i>extra charge</i> is available through your dealer or the factory.)	95.00
2J227	J-5 Extension Cable (4 ft.), for remote operation of previous J-5 model using <i>integral</i> cable.	100.00

J-5 Bracketry (motor-to-lens)

2H133	J-5 Bracketry for Angenieux 10-150mm.	125.00
2H115	J-5 Bracketry for Angenieux 9.5-95mm or 12-120mm.	125.00
2H125	J-5 Bracketry for Angenieux 9.5-57mm.	125.00
2H145	J-5 Bracketry for Angenieux 12-240mm.	135.00
2H100	J-5 Bracketry for Angenieux 17.5-70mm.	125.00
2H220	J-5 Bracketry for Canon Macrozoom 12-120mm.	135.00
2H231	J-5 Bracketry for Zeiss Vario Sonnar 10-100mm.	135.00

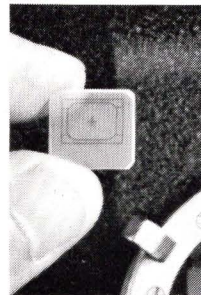
NOTE: Bracketry not included with 2G105; 2G111; 2G146; 2G153. The same J-5 servo motor can be used with different lenses by ordering the appropriate bracketry. Select bracketry from combined Fully Automatic Exposure and J-5 Zoom Controls section, when using both systems with the camera.



1R500

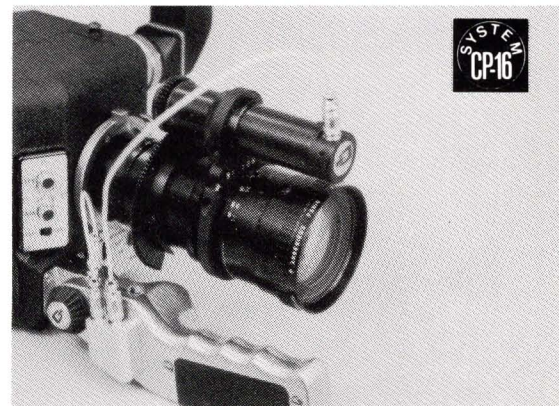


1R271

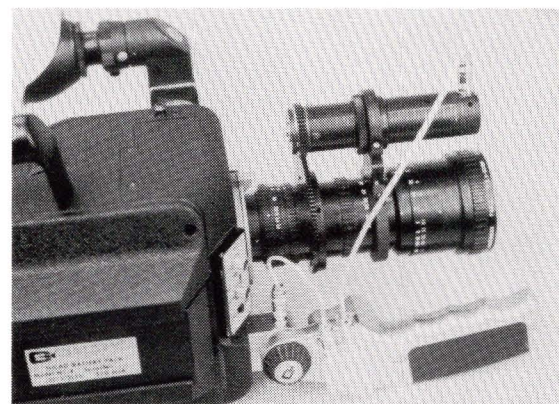


1R236

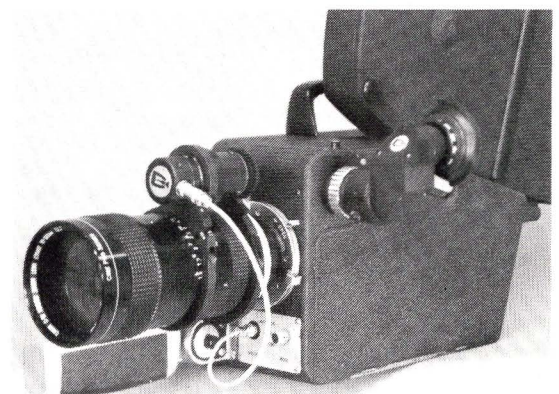
NOTE: A credit of \$450.00 will be granted when the Cinema Products Orientable Viewfinder is ordered together with a CP-16R or CP-16R/A reflex camera (in place of the CP Standard Reflex Viewfinder). Cinema Products and Angenieux Orientable Viewfinders are interchangeable.



2G105 & 2H133



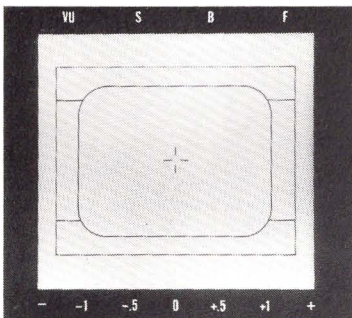
2G105 & 2H125



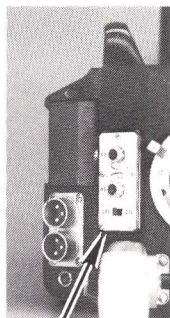
1R288 & 1S335



1R288 & 1S335



CP-16R
INFORMATION DISPLAY



1R284



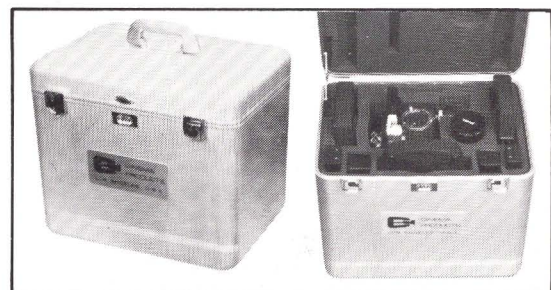
2G105, 1R288 & 2H311



1F204



1F136



1H132

EXPOSURE CONTROL SYSTEMS (Fully & Semi-Automatic) —FOR CP-16R REFLEX CAMERAS

1R284	Semi-Automatic Exposure Control Features through-the-lens elliptical center-weighted silicon sensor (with emphasis in vertical direction). Exposure information appears on illuminated (LEDs) display in the viewfinder. Manual iris control.	\$ 1300.00
1R288	Fully Automatic Exposure Control Same as above—but with 1R291 servo-controlled motor and 1J264 power cable for automatic iris control. Three operational modes (through selector switch): Fully Automatic; "Auto-View;" and Semi-Automatic. (Does <i>not</i> include motor-to-lens bracketry.) Rapid and precise <i>positive</i> exposure control response. In "Auto-View" mode, iris opens fully when camera motor stops.	2000.00
1R293	Semi-to-Fully Automatic Exposure Control Update Kit , includes control electronics, servo-motor (1R291), and power cable (1J264).	800.00
1J264	Auto Iris Power Cable (1 ft.), as spare.	60.00
1R291	Auto Iris Motor, as spare.	600.00

NOTE: Bracketry not included with 1R288. The same 1R291 Auto Iris motor can be used with different lenses by ordering the appropriate bracketry. Select bracketry from combined Fully Automatic Exposure and J-5 Zoom Controls section, when using both systems with the camera.

NOTE: Price of 1R284, 1R288, or 1R293 does not include installation labor or update of early model CP-16R cameras to LED information displays.

Bracketry (motor-to-lens) for Fully Automatic Exposure Control

1S324	Bracketry for Angenieux 10-150mm.	125.00
1S321	Bracketry for Angenieux 9.5-95mm or 12-120mm.	125.00
1S323	Bracketry for Angenieux 9.5-57mm.	125.00
1S335	Bracketry for Canon Macrozoom 12-120mm.	135.00
1S346	Bracketry for Zeiss Vario Sonnar 10-100mm.	135.00

Bracketry (motors-to-lens) for combined Fully Auto Exposure & J-5 Zoom Controls

2H314	Auto-Exp/J-5 Bracketry for Angenieux 10-150mm.	225.00
2H311	Auto-Exp/J-5 Bracketry for Angenieux 9.5-95mm or 12-120mm.	225.00
2H313	Auto-Exp/J-5 Bracketry for Angenieux 9.5-57mm.	225.00
2H325	Auto-Exp/J-5 Bracketry for Canon Macrozoom 12-120mm.	250.00
2H326	Auto-Exp/J-5 Bracketry for Zeiss Vario Sonnar 10-100mm.	250.00

NOTE: Each bracketry kit for combined fully automatic exposure and J-5 zoom operation includes one motor-to-lens mounting clamp for J-5 motor and Auto Iris motor, two lens gears, plus additional required hardware.

CAMERA MODIFICATIONS

1F136	Two-speed Operation, 24 and 36 fps, with selector switch (for CP-16 only).	260.00
1F111	TVT144° Shutter, installed. For filming a video source. (Optional <i>only</i> for CP-16 and CP-16/A non-reflex cameras. Does <i>not</i> include original standard shutter.)	110.00
1F115	TVT 144° Shutter, as spare (for CP-16 non-reflex cameras).	160.00
1F100	TVT 144° Shutter for CP-16R reflex cameras, (with serial numbers 1950 and above), installed.	140.00
1F102	TVT 144° Shutter for CP-16R reflex cameras, (with serial numbers 1950 and above), as spare.	190.00
1F215	TVT 144° Shutter, as spare (for CP-16R reflex cameras with serial numbers <i>below</i> 1950).	365.00
1F204	CRYSTASLATE—Auto-Slate Full Frame Marking Lamp/Bloop Tone Signal/ Sync Pulse Output Signal (60 or 50 Hz Sine Wave). For use with Nagra 3 & 4, and similar tape recorders. Modification package for CP-16R <i>reflex</i> cameras. Does <i>not</i> include 1J211 or 1J213 cables.	680.00
1F230	30 FPS Conversion Kit, converts CP-16R camera to 30 fps., crystal controlled for frame-to-frame transfer of film-to-video tape. Timing pulley installs in place of standard 24 or 25 fps pulley for operating speeds of 15;20;25;30 (crystal); 35;40 and 45 fps.	100.00

NOTE: Retrofit installation of camera modifications may require additional labor charges.

CP-16 & CP-16R CARRYING CASES

1H132	CP-16R Halliburton Travel Case, Extremely rugged <i>and</i> lightweight, with combination lock and top carrying handle. Filled with rugged #4 foam padding, pre-cut to accept CP-16R reflex type camera, zoom lens, three 400 ft. (120m) magazines, two NC-4 battery packs, two NCC-6 chargers and other accessories.	310.00
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1H126	CP-16 Location Case (for CP-16 reflex or non-reflex—plus accessories).	\$ 240.00
1H128	CP-16 Location Case, with lock (for CP-16 reflex or non-reflex—plus accessories).	250.00
1H162	CP-16 Soft Location Case (for CP-16 reflex or non-reflex—plus accessories).	160.00
1H187	CP-16 Magazine Carrying Case, holds three 400 ft. (120m) PLC-4 or Mitchell-type magazines.	140.00
1H191	CP-16 Magazine Carrying Case, holds two 1200 ft. (360m) Mitchell-type magazines.	200.00
1L205	PLC-4A "Road Pouch." Environmental protection pouch for PLC-4 type magazines.	72.00
1L210	Zoom Lens "Road Pouch." Environmental protection pouch for popular 16mm zoom lenses.	32.00
1L215	Prime Lens "Road Pouch." Environmental protection pouch for popular 16mm prime lenses.	30.00

SHOULDER PODS/SNAP-LATCH CAMERA MOUNTING SYSTEM

6S176	CP Standard Compact Shoulder Pod (screw-in type).	95.00
6S180	CP Snap-Latch Compact Shoulder Pod (6S182), Camera Base Plate (1L242), and Snap-Latch Tripod Base Plate (6E123).	500.00
6S181	CP Snap-Latch Compact Shoulder Pod (6S182) and Camera Base Plate (1L242).	250.00
6E122	CP Snap-Latch Tripod Base Plate (6E123) and Camera Base Plate (1L242).	270.00
1L242	CP Camera Base Plate, as spare (for use with Snap-Latch Compact Shoulder Pod [6S182] or Snap-Latch Tripod Base Plate [6E123]).	40.00

CP-16R "STUDIO-RIG"

CP-16R Reflex & "Studio-Rig" . . . the ideal 16mm production camera system for studio-type features, television specials, documentaries and television commercials.

NOTE: The CP-16R reflex camera has already proven itself as a highly successful 16mm studio and on-location production type camera system. When equipped with the recommended "Studio-Rig" (1L275), the CP-16R reflex camera is rated at 28 dB (± 1 dB), measured on the weighted "A" scale at 3 ft. from the front of the optical flat in the matte box—while pulling film!

The "Studio-Rig" weighs approximately 11 lbs. The CP-16R Reflex camera and "Studio-Rig" combination should be mounted on tripod units able to support a minimum of 30 lbs. weight.

1L275	"Studio-Rig" Package, for CP-16R Reflex Camera.	2400.00
<i>Package includes:</i>		
Tripod Mounting Plate (6E111)		
Riser Block, with quick-release (6E124)		
Camera Base Plate (1L241)		
On/Off Remote Cable (1J156)		
Follow Focus Mechanism (1L401)		
Adjustable Lens Support (1L446)		
Matte Box Rods—11" length, set of two (1L357)		
Matte Box unit (1L302)—including:		
4" Sq. Sliding Filter Adapter (1L326)		
4" Sq. Filter Holder (1L327)		
4½" Round Filter Retainer (1L328)		
4½" Round Filter Retainer with Backlight Shield (1L329)		
4½" Round Optical Flat (1L330)		

NOTE: "Studio Rig" (1L275) requires additional Focus Gear and Lens Donut for operation. Choose from listing below for specific zoom lens.

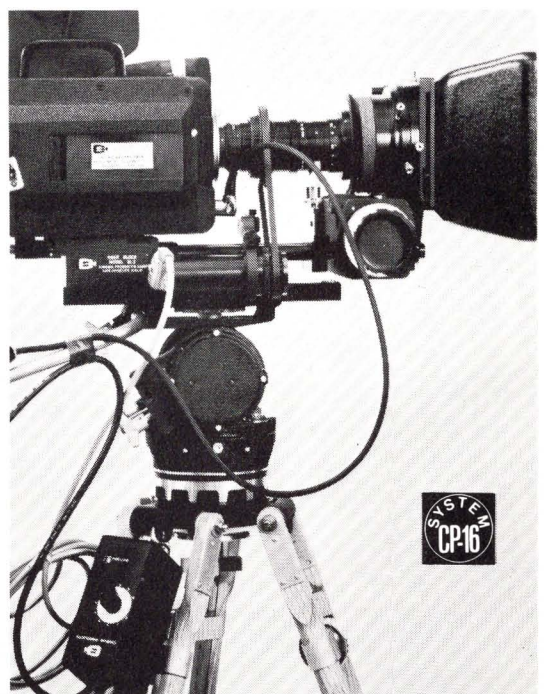
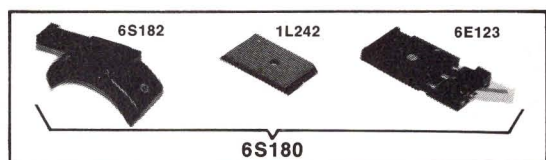
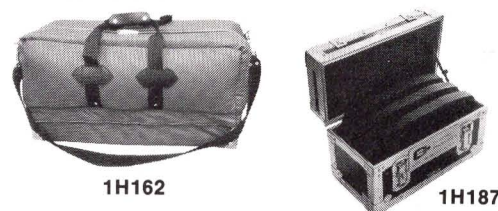
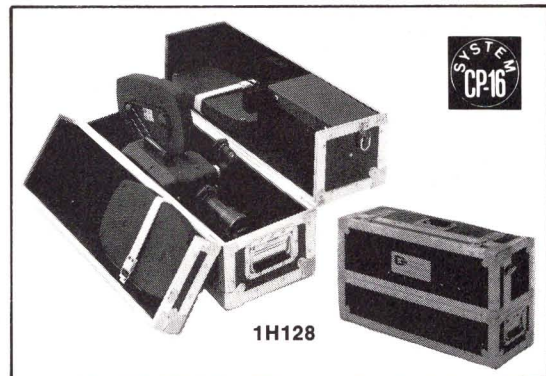
NOTE: Matte Box accepting 138mm filter available. Full range of filters available. Please inquire.

1L276	"Studio-Rig" for CP-16R, same as 1L275 except less Follow-Focus Mechanism (1L401).	1580.00
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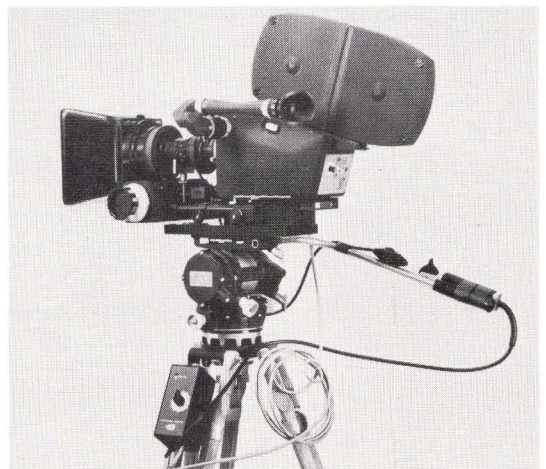
"Studio-Rig" Options & Accessories

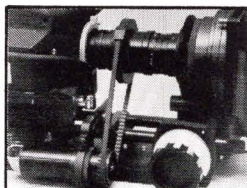
1L446	Adjustable Lens Support, as spare.	125.00
1L330	Optical Flat, as spare, 4½" (114.3mm) round, .3" thick. Features Hard Mag Fluoride coating.	135.00
1J156	On/Off Remote Cable (3 ft.), as spare.	26.00
1L386	CP-16R Sound Barney.	185.00
1H212	Carrying Case for "Studio-Rig" (1L275)	230.00

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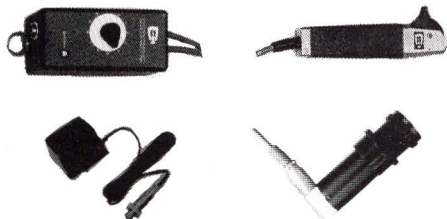


1L275 & 2C205





NOTE: J-4 Zoom Control Packages (2C205) employ a belt drive system.



2C205	J-4 "Joy Stick" Zoom Control Package (<i>Package includes: zoom motor, zoom speed control box w/built-in rechargeable nickel cadmium battery, battery trickle charger, "Joy Stick" zoom control, motor mounting bracket, motor pulley and accessory mounting bracket.</i>) Note: Requires appropriate J-4 Zoom Lens Pulley. See listing below.	\$1900.00
2D505	J-4 Motor Mounting Bracketry Kit, as spare.	160.00
1S423	Focus Gear/Lens Donut, for use with Angenieux 12-120mm.	110.00
1S417	Focus Gear/Lens Donut, for use with Angenieux 9.5-95mm.	110.00
1S418	Focus Gear/Lens Donut, for use with Angenieux 9.5-57mm.	110.00
1S419	Focus Gear/Lens Donut, for use with Angenieux 10-150mm.	110.00
1S420	Focus Gear/Lens Donut, for use with Canon 12-120mm.	120.00
1S421	Focus Gear/Lens Donut, for use with Zeiss 10-100mm.	120.00
1S422	Focus Gear/Lens Donut, for use with Angenieux 12-240mm.	120.00

Note: Follow focus gear mounts on lens.

2D516	J-4 Zoom Lens Pulley, for use with Angenieux 12-120mm.	65.00
2D510	J-4 Zoom Lens Pulley, for use with Angenieux 9.5-95mm.	65.00
2D511	J-4 Zoom Lens Pulley, for use with Angenieux 9.5-57mm.	65.00
2D512	J-4 Zoom Lens Pulley, for use with Angenieux 10-150mm.	65.00
2D513	J-4 Zoom Lens Pulley, for use with Canon 12-120mm.	75.00
2D514	J-4 Zoom Lens Pulley, for use with Zeiss 10-100mm.	75.00
2D515	J-4 Zoom Lens Pulley, for use with Angenieux 12-240mm.	75.00

Note: J-4 Zoom lens pulley mounts on lens.

CINEVID-16 VIDEO-ASSIST CAMERA SYSTEM

The Cinevid-16 Video-Assist camera picks up the image directly from the CP-16R Reflex fiber optics focusing plate and transmits it to any number of commercially available remote monitors. The image can also be recorded on a video tape recorder to provide "instant dailies."

1L350 Cinevid-16 Video-Assist Camera, for use with CP-16R Reflex. 4400.00

The Cinevid-16 attaches instantly to the CP-16R by means of a quick disconnect bayonet mount. Provides video image of 400 TV-lines (minimum). Adjustable iris is included in the relay optics to adjust for the ASA rating of the film being used. Removable coverplate for *field adjustment* (180° yoke rotation switch; 50/60 Hz output selector switch; field reversal switch; and individual horizontal and vertical picture size and position adjustments). Supplied with a video power supply unit permitting DC operation with a 12V battery or 120-240V operation from AC mains.

The 1L350 consists of a Video-Assist Camera (with bayonet mount), Video Power Supply, Mounting Plate, 12V Power Cable, and Video Adapter Unit (containing relay optics and bayonet mount).

Price includes factory installation of Video Adapter Unit (containing relay optics and bayonet locking device) to CP-16R Reflex cameras equipped with the standard information display. (Additional cost to *retrofit* older CP-16R Reflex models *not equipped* with the information display. Please inquire.)

1L355 Cinevid-16 Video-Assist Camera, for use with CP-16R Reflex and Steadicam (only). 4000.00

Same as 1L350 above, but does not include video power supply (1L356) and 12V power cable (1J375).

1L357 Cinevid-16 Video-Assist Camera, with side mount adapter. 5000.00

Attaches instantly to the viewing port on CP-16R, NPR, and similar 16mm cameras (in place of existing viewfinder).

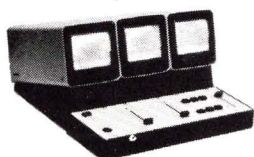
Cinevid Modifications

1L351	Update of existing Cinevid-16 to current model (1L350) with field adjustment control electronics.	550.00
1L360	Conversion of existing Cinevid-16 (1L350) to side-mount Cinevid-16 (1L357).	960.00
1L364	Update and conversion of existing Cinevid-16 (without field adjustment control electronics) to side-mount Cinevid-16 (1L357).	1050.00

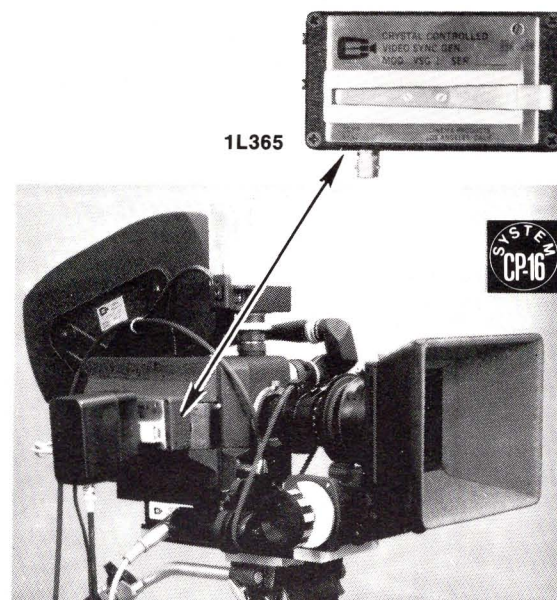
Cinevid Options & Accessories

1L362	Auxiliary Side Cover, <i>modified</i> for 12V output to power Cinevid-16 (or Crystalink Model CL-2) directly from the camera battery. (Note: For use with Cinevid-16, use 1J375 cable previously supplied.) NOTE: 1L362 can be supplied in place of original Auxiliary Side Cover, when ordering camera.	450.00
1L363	Auxiliary Side Cover, <i>modified</i> same as 1L362 (<i>with</i> return of existing Auxiliary Side Cover).	280.00

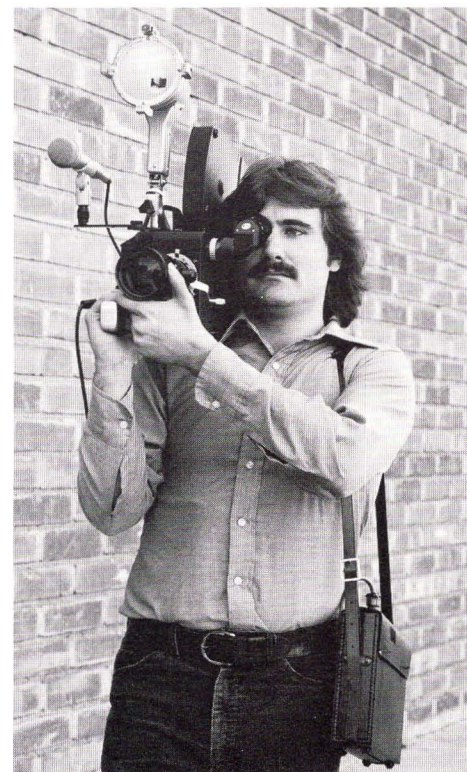
NOTE: A full range of accessory equipment for use with the Cinevid-16 system is available from Cinema Products (including a video control console with 3 control monitors and wipe/fade controls, a director/camera operator communications system, as well as a selection of standard monitors, etc.). Please inquire.



1L361	Cinevid-16 Crystasound Amplifier Modification Kit, to provide Crystasound Amplifier with capability to accommodate video system power requirements. (Note: This modification required on Crystasound Amplifiers when powering Cinevid-16 in this manner.)	\$ 50.00
1J375	Cinevid-16 12V Power Cable (1 ft.), allows Cinevid-16 Video Power Supply to draw power from camera battery through <i>modified</i> Auxiliary Side Cover or <i>modified</i> Crystasound Amplifier. (Note: early model Crystasound Amplifiers also require 1M269 Input Adapter.)	60.00
1M269	Input Adapter.	46.00
1L365	Crystal Controlled Video Sync Generator, supplied with 1L236 Dovetail Mount and 1J379 Video Sync Cable.	290.00
1J379	Video Sync Generator Cable, 9" length (for 1L365), as spare.	34.00
1L395	Dovetail (for Cinevid-16 Video Power Supply <i>only</i>), as spare.	35.00
1L397	Mounting Plate, as spare. Also allows mounting of existing Cinevid-16 Video Power Supply to Auxiliary Side Cover while drawing power from AC mains.	14.50
1L356	Video Power Supply, for Cinevid-16, as spare. Does not include 12V power cable (1J375).	360.00
1L359	Cap, for bayonet mount on Cinevid-16 Video-Assist Camera.	48.00
1L370	Cinevid-16 Beamsplitter, installs in place of standard beamsplitter in the viewing tube assembly. Provides 4X more light in the visible spectrum to the Cinevid-16 camera, with only ½ stop light loss in CP finder.	120.00
1R274	ACL Viewfinder Adapter, replaces existing viewing port, permitting use of Cinevid-16 (1L357) or CP Orientable Viewfinder (1R268) with ACL cameras.	160.00
1J240	Coaxial Cable, 30 ft. length, with terminations to power supply unit and monitor.	40.00



PRICE LIST EFFECTIVE DATE: MARCH 7, 1980
Prices & Specifications Subject to Change
Without Notice.
Prices F.O.B. Factory (Los Angeles, California).



IMPORTANT

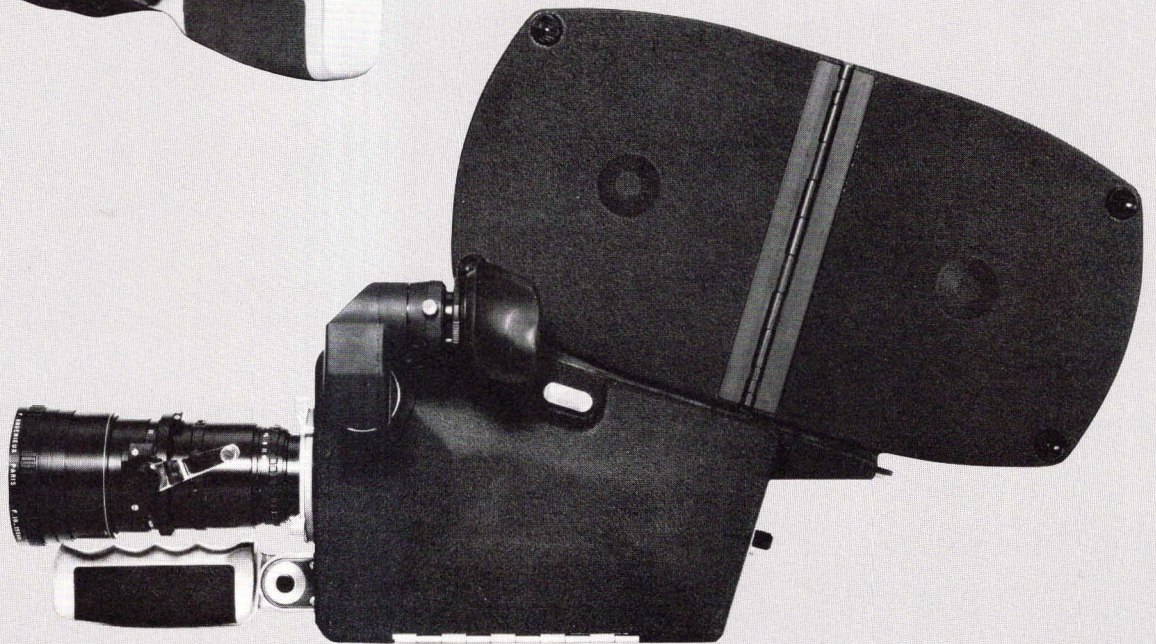
Please check our separate price lists for information on Cinema Products' line of location/studio lighting, tripod heads and accessories, upright/flatbed 16mm editing consoles, ENG/EFP video camera systems, the Oscar-winning Steadicam camera stabilizing system, etc.

Price List

EFFECTIVE DATE:
MARCH 7, 1980



CP-16 Reflex & Non-Reflex 16mm Camera Systems



cinema E products
CORPORATION

Technology In The Service Of Creativity

2037 Granville Avenue, Los Angeles, California 90025
Telephone: (213) 478-0711 • (213) 477-1971 • Telex: 69-1339