

For Hand-Held Filming TV Prime-Time Series, Commercials, TV News, Olympic Sports World-Wide. **Frezzolini® Frezzi-Flex®**



with or
without
FREZZI
side-mounted
amplifier

**"world's
finest
16mm cine
camera"**

Model
FR-16A

PRINTED IN U.S.A.

For information write or
call Sales Manager
(New Jersey 201) 427-1160 or
(New York 212) 594-2294.

Frezzolini® 16mm cine cameras & E.N.G. support equipment.

 **Frezzolini Electronics Inc.**
7 Valley St. Hawthorne, N.J. 07506 USA

Made In U.S.A.
U.S. Patent
#D277,601 and
Patents Pending
for the improved
features of this camera.
Patent and trademarks
in the U.S.A. and world-wide.

Export Agents:



11 Caesar Place, Moonachie, New Jersey 07074 USA • (201) 939-0875

Cables: Cinecraft Moonachie • Telex: Cinecraft Moon TLX 13-8875

DESCRIPTION**USER NET**

FRC01	MODEL FR-16 FREZZI-FLEX SOUND CAMERA, sync speed at 24 fps, 5 non-sync film speeds of 12, 18, 30, 36 and 44 fps, supplied complete with two (2) Model B-12 Batteries, two (2) Model OS-TC Chargers with Cassettes, Frezzi Standard Viewfinder, four (4) Magazine Snap-Lock Studs, two (2) Behind the Lens Filter Holders, two (2) Spare GMW-5 Fuses, two (2) 400' Take-Up Belts, Magazine Well Cover, Turret Cover, Viewfinder Port Cover and Instruction Manual.....	\$8250.00
FRC01A	Same as FRC01 except Single Sync Speed (25 fps).....	8250.00
FRC03	Same as FRC01 except Angenieux Orientable Viewfinder (Erect Image) instead of Frezzi Viewfinder.....	9200.00
FRC01S	Same as FRC01 except CP Orientable Viewfinder (Erect Image) instead of Frezzi Viewfinder.....	9330.00
FRCA01	Dual Crystal Option for 24 and 25 fps Operation, Speed Selection: 12-18-24-25-36-44 fps.....	300.00
FRCA02	Shutter Inching Knob (Must be installed when Ordered).....	200.00
FRCA03	Spare Shutter Drive Pulley (Red Dot) for 25 fps Operation.	75.00

LENSES FOR FR-16

FRCA04	Angenieux 9.5-57mm F1.6 Zoom Lens.....	4555.00
FRCA07	Angenieux 10-150mm T2.3 Zoom Lens.....	4770.00
FRCA08	Angenieux 12-120mm F2.2 Zoom Lens.....	3710.00
FRCA10	Angenieux 12-240mm f3.5 Zoom Lens.....	10385.00
FRCA11	Angenieux 5.9mm F1.8 Lens (PRIME).....	2025.00
FRCA12	Cannon 12-120mm F2.2 Macro-Zoom Lens.....	2780.00
FRCA13	Zeiss Vario Sonnar 10-100mm F2.8.....	3896.00
FRCA13A	Zeiss Super Speed Prime Lenses.....	P.O.R.

OPTIONAL VIEWFINDERS FOR FR-16

FRCA14	Angenieux Orientable (Erect Image) 4" Viewfinder.....	1047.00
FRCA15	Spare Frezzi Non-Orientable Viewfinder.....	995.00
FRCA16	CP Orientable (Erect Image) Viewfinder.....	1500.00
FRCA17	CP Orientable Viewfinder Extension Tube Assembly.....	302.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FREZZOLINI® 16mm cameras - *FIRST with Documentary FILMMAKERS.

FREZZI-FLEX®
FR-16
OR
**FREZZI-
CORDLESS™**
LW-16

now shooting documentaries,
educational features,
business shorts &
TV newsfilm
world-wide.



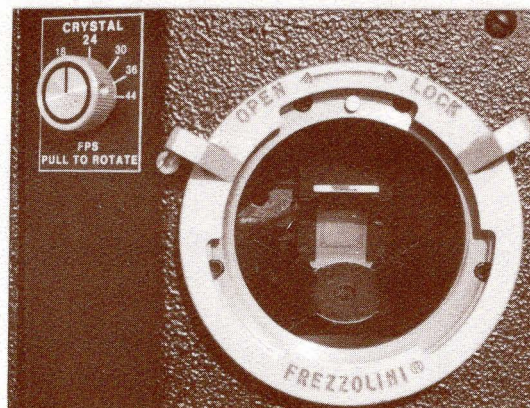
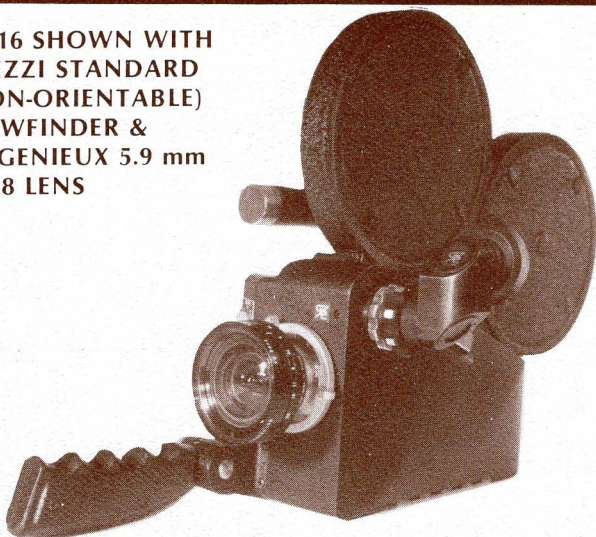
For information
and nearest dealer
call Jim Crawford at
(N.J. 201) 427-1160 or
(N.Y.C. 212) 594-2294.
Frezzolini Electronics Inc.
7 Valley St., Hawthorne, N.J. 07506 USA**

Art Agents: CINECRAFT
INTERNATIONAL, Inc.

11 Caesar Place, Moonachie, New Jersey 07074 U.S.A.
Telephone: (201) 939-0875 • Cables: Cinecraft Moonachie, N.J. USA
Telex: Cinecraft Moon TLX 13-8865

Made In U.S.A.
U.S. Patent
#D277,601 and
Patents Pending
for the improved
features of this camera.
Patent and trademarks
in the U.S.A. and world-wide

**FR-16 SHOWN WITH
FREZZI STANDARD
(NON-ORIENTABLE)
VIEWFINDER &
ANGENIEUX 5.9 mm
F 1.8 LENS**



**FR-16 ROTATING MIRROR
SHUTTER with FIBRE OPTIC
VIEWING SCREEN**

GENERAL

The Frezzolini® Frezzi-Flex, Model FR-16, was specifically designed for the professional filmmaker who requires reflex versatility and unquestionable reliability. The popular and rugged Frezzi LW-16 was used as the foundation of the newly designed and re-engineered rotating mirror shutter. The FR-16 will satisfy most of the requirements of this fast moving and ever-demanding film industry.

FR-16 SPECIFICATIONS

- **FORMAT:** 16mm
- **FILM:** 200', 400' or 1200' Single Perforated, B Wind
- **SOUND SYNCHRONIZATION:**
 - A) Crystal Controlled - Standard all cameras
 - B) Pilotone - Optional 1.5V, 60 or 50Hz Signal
 - C) Single System - All cameras wired for magnetic sound, compatible with Frezzolini MCA-16 Side Mount Amplifier and all external Auricon type amplifiers.
- **REFLEX MIRROR SHUTTER:**

Ultra precise and hand-selected (accuracy to within $\frac{1}{2}$ wavelength). Rotating mirror shutter automatically stops in the viewing position. No light-struck frames.
- **REFLEX LENS MOUNT:**

Improved and re-engineered miniaturized BNCR-type lens mount, utilizing a one-piece "sturdy" locking ring and a stainless steel base ring for "reliable" and "secure" fittings. Arriflex 16mm mounted lens adapter (optional).
- **SYNC AND VARIABLE SPEEDS:**

24 or 25 FPS - Sync Speeds (Crystal Controlled)
12-18-24 (25) 30-36-44 FPS - Variable with speed selector switch.
- **BATTERY:** 12VDC @ 1000 MAH
- **BATTERY CAPACITY:**

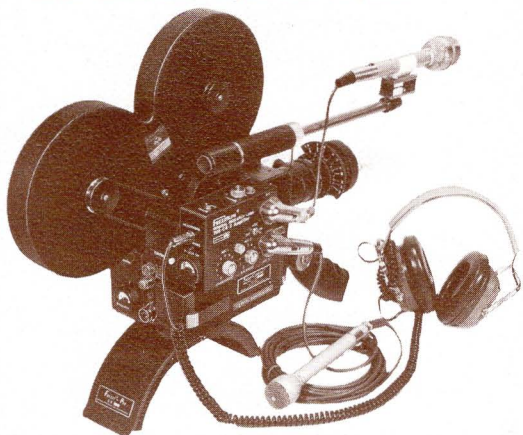
Double System - 3600'
Single System - 2800'
- **BATTERY CHARGE TIME:** 12-14 Hours
- **BATTERY CHARGER, MODEL OS-TC, INPUT VOLTAGE:** 120 or 240 VAC 50 or 60Hz
- **DIMENSIONS:** $9\frac{1}{4} \times 6 \times 6\frac{1}{8}$ " (23.5 x 15.2 x 16.2) body only
- **WEIGHT:** 8 lbs. 5 ozs. (3.8 kg), camera body only. 15 lbs. 9 ozs. (7 kg), camera body, 12-120mm lens. Viewfinder, 400' (film loaded) and battery.

STANDARD FEATURES

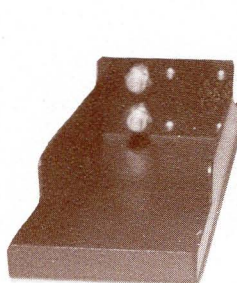
- Crystal Controlled Phase Lock DC Motor Drive with *standard* 12 volt DC battery voltage.
- Rotating Mirror Shutter with rugged Frezzi Lens Mount
- Frezzi Non-Orientable Reflex Viewfinder
- Variable Speeds: 12-18-24 (25) 30-36-44 fps
- Fibre Optical Viewing Screen with TV Cut-Off Reticle and 35mm blow-up 1.85:1 markings
- "Out of Sync" Warning and Power-On Indicator Lights
- Color Coded Voltmeter...no guessing when battery is low
- Adjustable "Hand-Formed" Pistol Grip with convenient forefinger switch and power switch on rear panel for tripod shots
- External power connection to facilitate operation from *any* 12 VDC power source
- Silent 3 Digit Footage Counter
- $\frac{3}{8}$ -16 & $\frac{1}{4}$ -20 Mounting Holes for Tripod
- Quick Action Snap-Lock Magazine Release
- Functional Top Handle for carrying and accessory mounts
- Built in wiring of filtering for side-mounted "screw-on" amplifiers. No separate side covers required
- Fuse Protected, full battery isolation on camera...no body ground. Includes easy access external fuse for maximum protection.
- All camera systems include (2) Model B-12, 12VDC @ 1000 MAH batteries; (2) Model OS-TC chargers with battery cassette; (2) Behind-the-Lens Filter Holders; (2) 400' Magazine Take-up Belts; (4) Magazine Snap Lock Studs; (2) Spare Fuse GMW-5; (1) Turret Cover; (1) Magazine Well Cover and (1) Viewfinder Port Cover.

OPTIONAL FEATURES

- Side-Mounted, Single System, Two-Channel Amplifier Model MCA-16, Recording Head Model MH-16, and Camera Front Mount VU Meter
- Full selection of Angenieux Lenses (Zoom, Prime and Auto Iris), Canon Macro-Zoom and Zeiss 10-100mm Zoom Lens
- Shutter Inching Knob
- Orientable Viewfinder
- Mitchell Lightweight 400' Magnesium Magazine and 1200' Mitchell Magazine
- Frezzi Shoulder Pod and Deluxe P-L Shoulder Brace with new quick release mechanism
- AC battery charger/eliminator
- 60 or 50 Hz Pilotone Output with cable
- Auto-Slate Bloop-Light with Sync Pulse with cable
- Camera Mounted Wireless system for single system
- Remote start with external cable
- Full selection of camera microphone and lighthead mounts. Frezzolini stock a wide variety of lighting equipment, tripods, audio equipment, Tiffen filters and associated accessories for the motion picture industry.
- Deluxe Camera and Magazine Carrying Cases



COMPONENT PARTS OF THE FR-16 SYSTEM



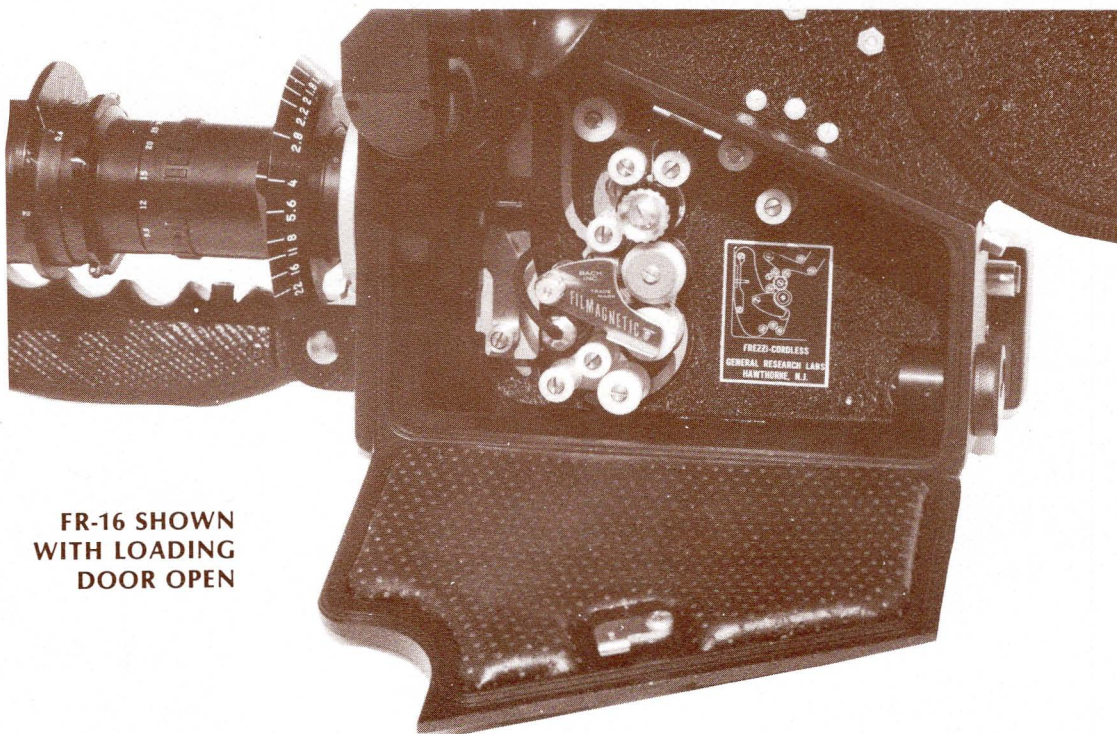
CHARGER
CASSETTE



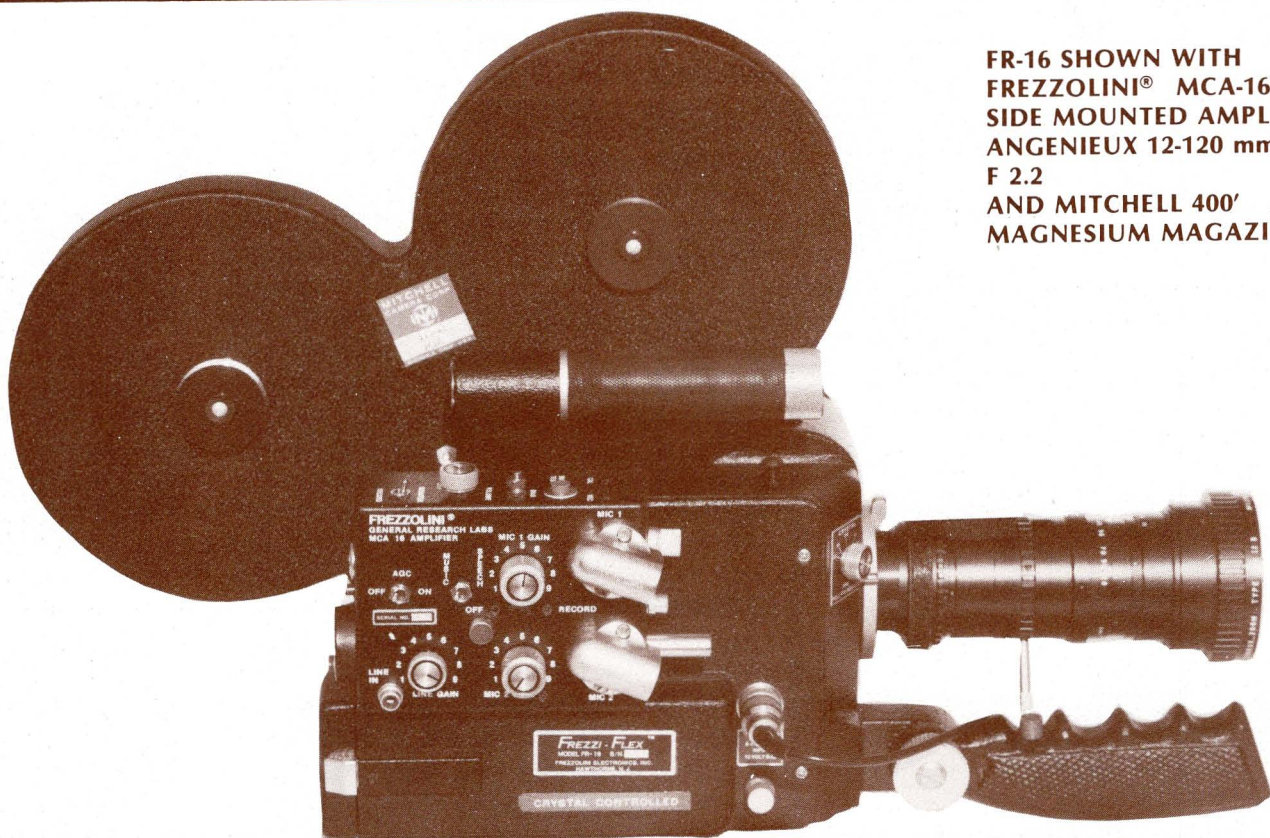
WALL PLUG-IN
CHARGER
MODEL OS-TC



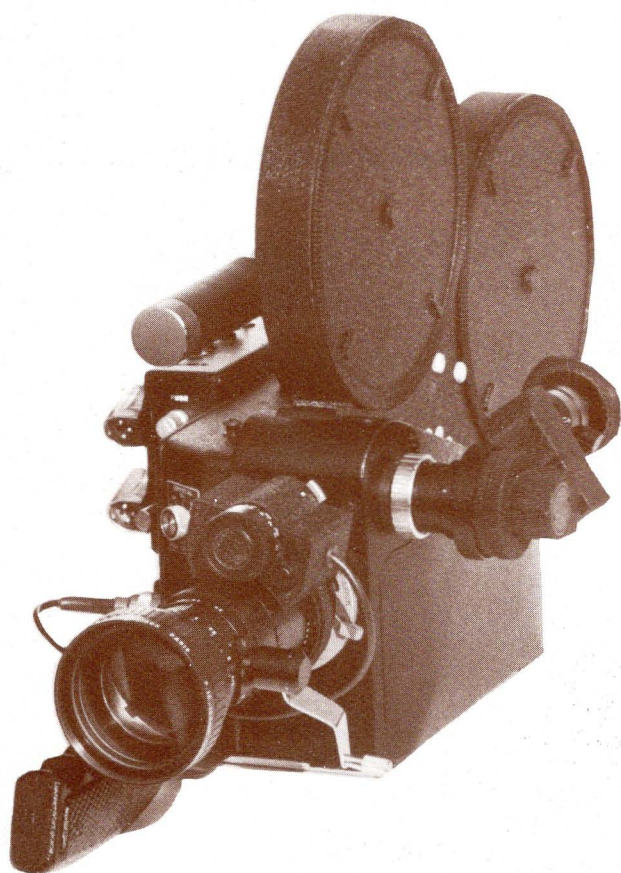
MODEL B-12
INTERNAL
CAMERA
BATTERY



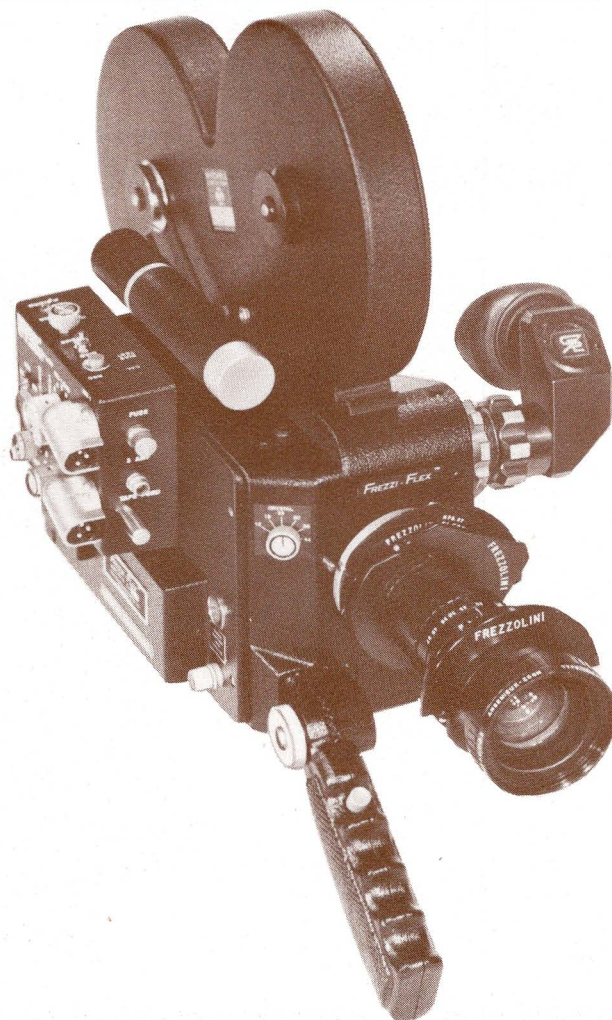
FR-16 SHOWN
WITH LOADING
DOOR OPEN



FR-16 SHOWN WITH
FREZZOLINI® MCA-16
SIDE MOUNTED AMPLIFIER,
ANGENIEUX 12-120 mm
F 2.2
AND MITCHELL 400'
MAGNESIUM MAGAZINE



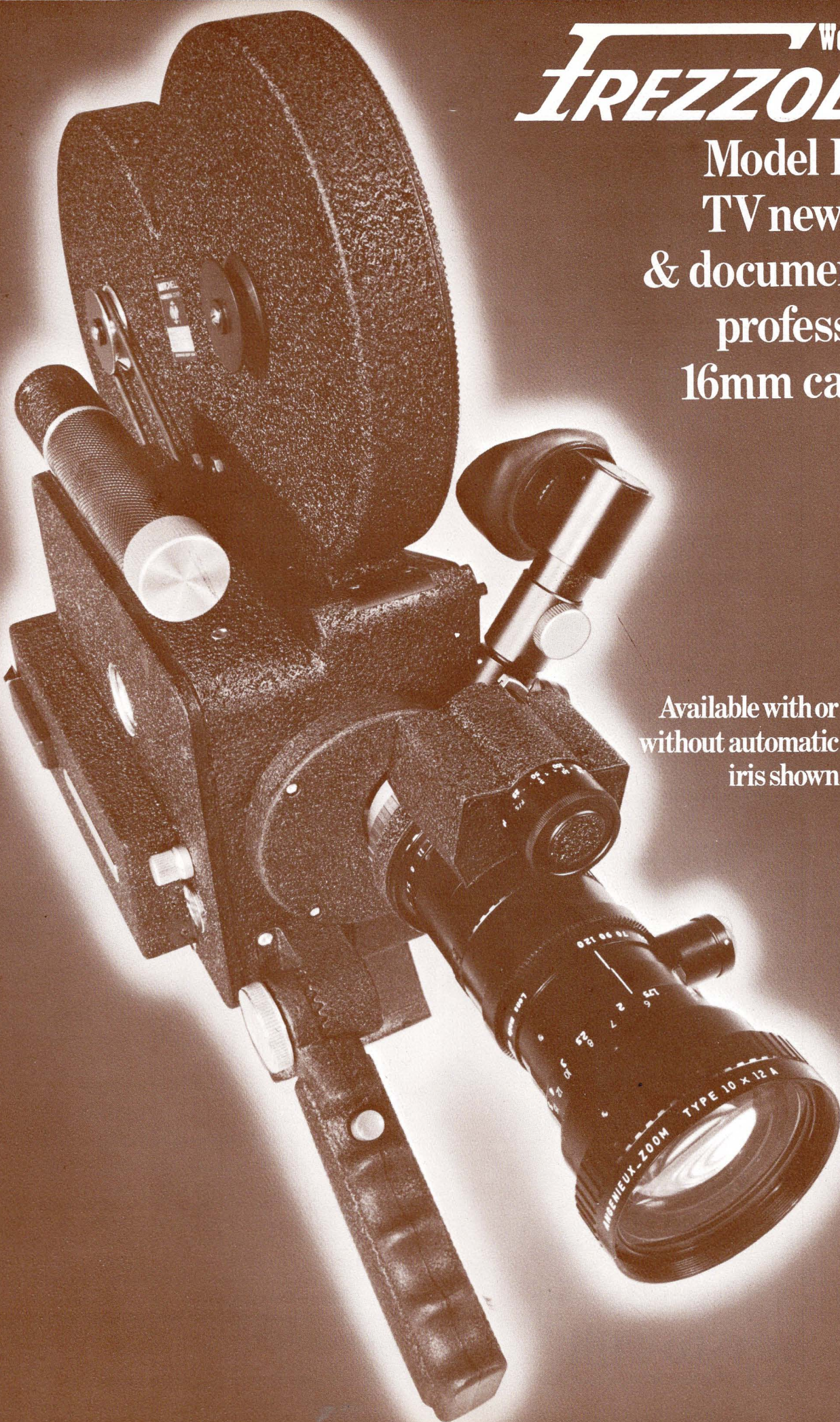
FR-16 SHOWN WITH
ANGENIEUX ORIENTABLE
(ERECT IMAGE) VIEWFINDER

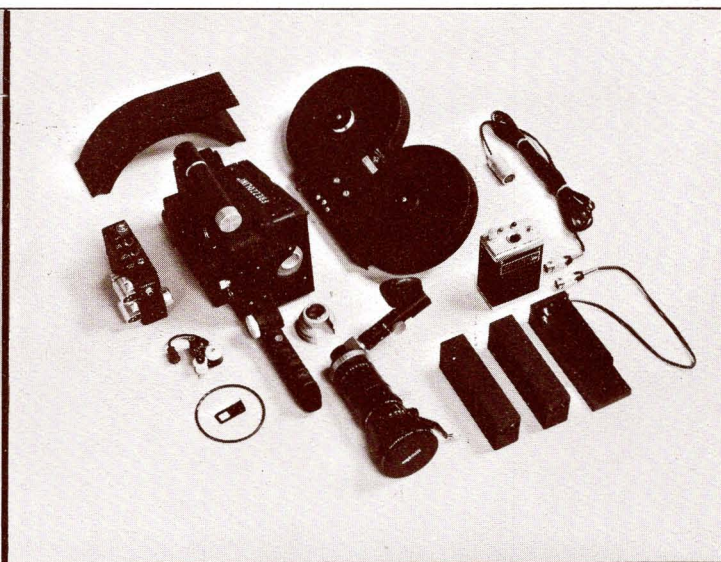
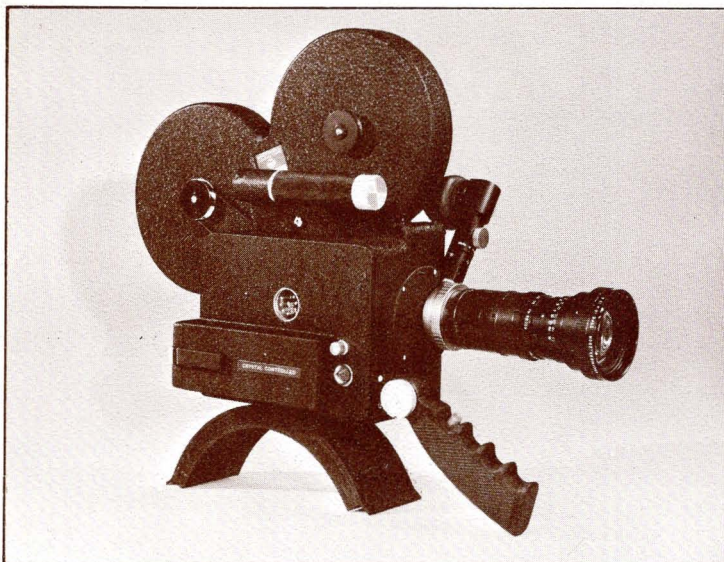


World's standard
FREZZOLINI®

Model LW-16
TV newsfilm
& documentary
professional
16mm camera.

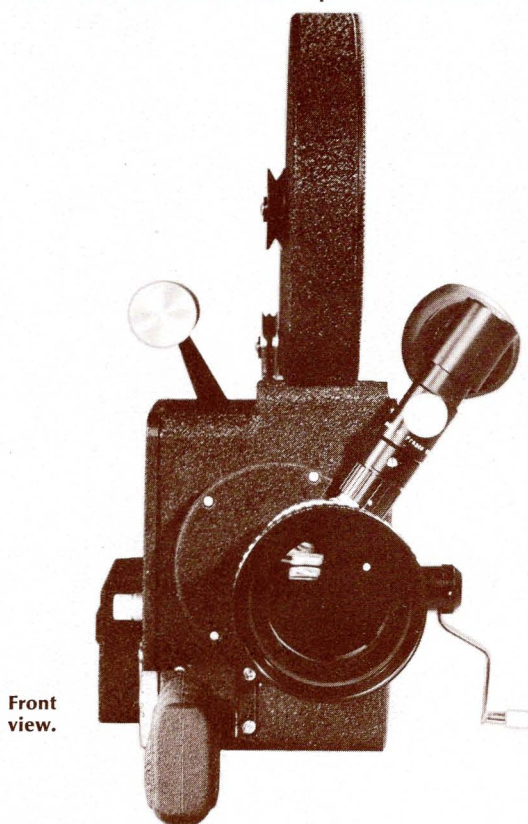
Available with or
without automatic
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The **FREZZOLINI "Frezzi-Cordless"™ Model LW-16** lightweight 16mm single/double system sound camera has been specifically designed for television newsfilm cameramen and professional

documentary filmmakers. Incorporating a Crystal-Controlled phase-lock DC motor drive and an internal quick-change battery, the Model LW-16 is remarkably silent running and very well balanced, a **must** for today's filmmaker!



Front view.

"Frezzi-Cordless"™ professional 16mm sound cameras are ready-to-roll.

Specifications

Format: 16mm

Film: 400 ft. or 1200 ft. single perforated, B wind.

Sound Synchronization:

A Crystal Control... Standard all cameras.

B Pilotone... Optional.

C Single System... All cameras wired for magnetic sound, film recording head optional.

Crystal Control Sync Accuracy: 10ppm.

Camera Speed:

A 24 or 25 fps... Standard.

B 24 & 32 fps... Optional.

Shutter: Guillotine type

Frame Exposure Time:

A 24 fps... 1/50 second.

B 25 fps... 1/60 second.

Lens Mount: "C".

Filter Slot: Behind The Lens, accepts gelatin filter holders 1 1/8" x 3/4".

Dimensions

6 7/8" high x 7 5/8" long x 6" wide—Body Only.

Weights

7 lbs., 13 oz.—Body Only.

13 lbs., 8 oz.—Camera w/12-120mm lens, 400-foot magazine and battery.

FRC04	FREZZOLINI MODEL LW-16 SOUND CAMERA, with single sync speed, less Audio System, includes two (2) Model B-12 Batteries, two (2) Model OS-TC Trickle Chargers with Charger Cassettes, four (4) Magazine Snap-Lock Studs, two (2) Behind the Lens Filter Holders, two (2) Spare GMW-5 Fuses, two (2) 400' Take-Up Belts, Magazine Well Cover and Instruction Manual.....	\$4600.00
FRC05	Same as FRC04 except includes Customer Trade-In of Auricon CineVoice Camera.....	3600.00
FRC06	Two-Speed Option for Model LW-16, Please Specify: 24(25)-36 fps or 24(25)-44 fps.....	300.00
FRC07	Three Speed Option for Model LW-16 (24(25)-36-44 fps).....	375.00
FRCA02	Shutter Inching Knob (Must be Installed When Ordered).....	200.00
FRCA03	Spare Shutter Drive Pulley (Red Dot) for 25 fps Operation.	75.00

LENSES FOR LW-16

FRCA122	Angenieux 12-120mm f2.2 Zoom Lens w/1" Viewfinder.....	4895.00
FRCA123	Angenieux 9.5-95mm f2.2 Zoom Lens w/1" Viewfinder.....	7010.00
FRCA124	Angenieux 9.5-57mm f1.6 Zoom Lens w/1" Viewfinder.....	5765.00
FRCA125	Angenieux 12-240mm f3.5 Zoom Lens w/1" Viewfinder.....	11585.00
FRCA126	Angenieux 12-120mm f2.2 Auto Iris Zoom Lens w/1" V.F.....	6735.00
FRCA127	Angenieux 9.5-95mm f2.2 Auto Iris Zoom Lens w/1" V.F.....	8815.00

LW-16 VIEWFINDERS & ACCESSORIES

FRCA128	Angenieux V-30 1" Viewfinder Only.....	769.00
FRCA129	Installation of V-30 Viewfinder.....	75.00
FRCA130	Angenieux Orientable (Erect Image) Viewfinder w/Special Adapter Block for Angenieux "A" Lenses.....	1500.00
FRCA131	Swivel (90° Rotation) Modification to V-30 Viewfinder.....	200.00
FRCA132	Frezzi "C" Cup Locking Ring (Not Available for 9.5-57mm)...	30.00
FRCA133	Angenieux "C" Cup Adapter (Specify 23mm or 26mm).....	116.00
FRCA133S	Angenieux "C" Cup Adapter For 9.5-57mm.....	143.00
FRCA134	TV Cut-Off Reticle (Standard).....	90.00
FRCA135	TV Cut-Off Reticle (Fibre Optic).....	210.00
FRCA136	Frezzi "T" Wrench.....	30.00
FRCA137	Gelatin Filter Holder (LW-16 Only).....	5.00

PRICES F.O.B. HAWTHORNE, N.J.

FR-16 LENS ADAPTERS & ACCESSORIES

FRCA18	Arriflex Lens Adapter (Fits Standard & Bayonet).....	90.00
FRCA19	Nikon Lens Adapter.....	200.00
FRCA19S	Cooke Kinetal Adapter (W/Std. Arri Mount) Installed.....	175.00
FRCA20	Spare Fibre Optic Viewing Screen.....	150.00
FRCA21	B & S Auribell Focus-Prism.....	75.00

LENS ACCESSORIES

FRCA22	Spare Turret Cover.....	10.00
FRCA23	Spare Viewfinder Port Cover.....	4.50
FRCA24	Viewfinder Element Cover.....	4.50
FRCA25	9.5-57mm Data Rings (Focus & Exposure).....	100.00
FRCA26	9.5-57mm Frezzi WIDE Data Rings (Exposure Only - F Stops)....	225.00
FRCA27	9.5-95mm Data Rings (Focus & Exposure).....	115.00
FRCA28	10-150mm Frezzi WIDE Data Rings (Exposure Only - T Stops)....	225.00
FRCA29	12-120mm Data Rings (Focus & Exposure).....	100.00
FRCA29S	12-120mm Frezzi Wide Data Rings (Exposure Only - F Stops)....	225.00
FRCA30	Sun Shade for 12-120mm (Metal).....	18.00
FRCA31	Sun Shade for 12-120mm (Rubber).....	18.00
FRCA32	Sun Shade for 9.5-57mm Wide Angle (Rubber).....	35.00
FRCA33	Sun Shade for 9.5-95mm Wide Angle (Rubber).....	40.00
FRCA34	Special Frezzi "ISOLATED" (Noise Reduction) Sun Shade Specify type of lens..Series 9 Filter Only.....	150.00
FRCA34A	Series 4½ Filter.....	P.O.R.
FRCA35	Filter Holder - Behind the Lens (FR-16 Only).....	4.80
FRCA37	Tiffen Series 9 & 4½" Filters (Specify Type).....	P.O.R.

MAGAZINES & ACCESSORIES

FRCA38	Mitchell 400' Magnesium Magazine.....	325.00
FRCA39	CP Lexan 400' Magazine.....	325.00
FRCA40	Mitchell 1200' Magazine.....	950.00
FRCA41	Magazine Well Cover.....	9.50
FRCA42	Magazine Snap-Lock Stud.....	2.50
FRCA43	Magazine 400' Take-Up Belt.....	2.50
FRCA44	Magazine 1200' Take-Up Belt.....	4.50
FRCA45	Mitchell Magazine Core Adapter.....	15.00
FRCA46	Magazine Carrying Case (Holds 3 Magazines).....	100.00

CAMERA CARRYING CASE

FRCA47	LW-16 Deluxe Location Carrying Case - (Holds Camera, (3) 400' Magazines, Lens and accessories.....	250.00
FRCA47S	FR-16 Deluxe Location Carrying Case (Same as above).....	250.00

AUDIO AMPLIFIERS & ACCESSORIES

FRCA48	Frezzolini Model MCA-16 Side Mounted Amplifier supplied with Telex Headset and (2) Spare GMW-5 Fuses.....	1100.00
FRCA49	Auricon MA-11C Filmagnetic Kit w/Recording Head.....	1325.00
FRCA50	Frezzolini MH-16 Recording Head.....	520.00
FRCA52	Auricon Model TR-RPH-11 Recording Head.....	270.00
FRCA53	Telex 2000 Ohm Headset.....	15.00
FRCA54	Superex Single Cup Headset.....	25.00
FRCA55	Superex Double Cup Headset.....	40.00
FRCA56	Wireless System Vega Model 77 Transmitter and Model 67 Diversity Receiver.....	2343.00
FRCA56A	Vega Model 77 Transmitter and Model 66 Receiver..... (Systems include all cables, batteries and microphones)	1443.00
FRCA57	Frezzi Shot-Gun Microphone w/Camera Mount.....	80.00
FRCA58	Electrovoice 635A Microphone.....	70.00
FRCA59	Electrovoice 649B Microphone.....	102.00
FRCA60	Electrovoice RE11 Microphone (Directional).....	141.00
FRCA61	Electrovoice RE16 Microphone (Directional).....	210.00
FRCA62	Camera Front Mount VU Meter.....	180.00
FRCA63	Amplifier Connector Right Angle Adapter.....	65.00
FRCA65	Spare MA-11C Amplifier to Camera Cable (Straight).....	75.00
FRCA66	Spare MA-11C Amplifier to Camera Cable (Coiled).....	125.00
FRCA67	Spare Auricon MA-11C Amplifier Battery.....	110.00
FRCA69	Spare T-O-S 3CA Amplifier 3 hr. Battery.....	75.00

PILOTONE & SLATING OPTIONS

FRCA70	Pilotone Sync Output (Specify 60 or 50 Hz) supplied with 15' Cable from Camera to Recorder (Specify Nagra III or Nagra IV).....	350.00
FRCA71	Spare Pilotone Cable, 15' (Specify Recorder).....	45.00
FRCA72	Camera Bloop-Light (Slate) Option, supplied with 15' cable from camera to recorder (Specify Recorder).....	300.00
FRCA73	Spare Bloop-Light Option Cable (Specify Recorder).....	40.00
FRCA74	Frezzolini Mini-Slate consists of (2) strobe lights and cable to Recorder (Specify Nagra III or IV).....	125.00

FILM MECHANISM ACCESSORIES

FRCA75	Spare Double -System Flow Rollers.....	55.00
FRCA76	Spare Flow Rollers Hold-Down Plate.....	15.00
FRCA77	Spare Flow Rollers Hold-Down Nut.....	5.50

CAMERA DRIVE BELTS

FRCA43	Magazine 400' Take-Up Belt.....	3.00
FRCA44	Magazine 1200' Take-Up Belt.....	5.00
FRCA105	Spare Main Camera Drive Belt (Tan)	10.00
FRCA106	Spare Clutch Drive Belt (Blue).....	20.00

CAMERA SOUND BARNEY

FRCA107	Sound Barney for Camera Body.....	210.00
FRCA108	Sound Barney for 400' Magazine.....	95.00
FRCA108S	Rain/Snow Cover FR-16 (Fits Both).....	110.00

CAMERA REMOTE-START OPTION

FRCA109	External Remote-Start Modification to Camera includes 4' Cable with In-Line Switch.....	125.00
FRCA110	Spare Remote Start 4' Cable w/In-Line Switch.....	40.00

LIGHTHEADS, BATTERY PACKS

FRCA111	Frezzi FL-250 Lighthead.....	155.00
FRCA112	FL-250 Lighthead w/30VDC 250W Bulb, Handle, and DC Cable to Battery Supply.....	195.00
FRCA113	Frezzi FL-100 Lighthead.....	155.00
FRCA114	FL-100 Lighthead w/11.5VDC 100W Bulb, Handle, and DC Cable to Battery Supply.....	195.00
FRCA115	FLH-101 Handle.....	9.50
FRCA116	FLDF-101 Dichroic Filter (Swing-Away).....	65.00
FRCA117	FLCM-101 ¼-20 Camera Mount Stud.....	8.50
FRCA118	FLCM-102 Dove-Tail Camera Mount.....	45.00
FRCA119	FLLS-101 Lighthead Stand.....	67.75
FRCA120	FAV 100 Watt @ 11.5 VDC Bulb.....	26.00
FRCA121	FBT 150 Watt @ 30 VDC Bulb.....	28.34
FRCA122	FBV 250 Watt @ 30 VDC Bulb.....	30.79
FRCA123	FBW 350 Watt @ 30 VDC Bulb.....	33.52
FRCA124	Model 800-NC, 30 VDC Battery Pack.....	625.00
FRCA125	Model 900-NC, 30 VDC Battery Pack.....	950.00
FRCA87	Frezzolini Model F-30-EC, 30 VDC Power Belt.....	450.00
FRCA88	Frezzolini Model F-30-EXF, 30 VDC Fast Charge Power Belt....	585.00
FRCA89	Frezzolini Model BC-30 Fast Charger (60 Minutes).....	395.00
FRCA89A	Frezzolini Model BC-30U Universal Fast Charger.....	445.00

NEW

PORTABLE FREZZI-LITE

F-30



800-NC



FREZZOLINI®

**Lightweight—High Efficiency
Portable Frezzi-Lites
Model FL-250 & FL-100**

GENERAL: Frezzolini Electronics Inc. has introduced a new line of portable lights which are designed for hand-held, lightstand or "On-Board" camera mount. The Model FL-250 can accommodate either a 150, 250 or 350 Watt 30 VDC Tungsten Halogen Lamp. The FL-100 is designed for use with a 100 Watt 11.5 VDC Lamp. A special "swing-away" dichroic filter can be attached or removed in seconds. Various lighthead mounts are available.

SPECIFICATIONS:

WEIGHT

DIMENSIONS:

COLOR TEMPERATURE:

BEAM ANGLE:

TYPE LAMP:

TYPE CONNECTOR:

POWER SOURCES/
APPROX. CAPACITY

FL-250

14 oz.

6.4" L x 5.7" W x 5.7" H

3400°K @ 30V

20° SPOT, 40° FLOOD

FBT-150W

FBV-250W

FBW-350W

TWO (2) PIN

A) 800-NC POWER PACK/

30 MINUTES - 250W

B) F-30 POWER BELT/

30 MINUTES - 250W

C) FBP-30-1 POWER PACK/

7 MINUTES - 250W

FL-100

14 oz.

6.4" L x 5.7" W x 5.7" H

3400°K @ 12V

20° SPOT, 40° FLOOD

FAV-100W

THREE (3) PIN

FBP-12-4C/20 MINUTES -

100W

General Research Laboratories



DIVISION OF

Frezzolini Electronics Inc.

7 Valley St., Hawthorne, N. J. 07506

PHONE: (201) 427-1160

F-30 and F-30-EXF TECHNICAL SPECIFICATIONS

OUTPUT	28.8 VDC @ 4 AH
TYPE BATTERIES	CAPACITY GRADED NI-CAD
CAPACITY	APPROXIMATELY 30 MINUTES
WEIGHT	10 lbs.
AUTOMATIC TURN-OFF VOLTAGE	24 VDC $\pm$.5 VDC
CHARGER INPUT VOLTAGE	115 VAC 50/60 Hz (230 VAC 50/60 OPTIONAL)
TRICKLE CHARGE RATE	12-14 HOURS @ 400 ma
FAST CHARGE RATE (F-30-EXF ONLY)	60 MINUTES @ 6.0 AMPS
SEQUENCER HIGH CHARGE RATE (F-30-EXF ONLY)	3 HOURS @ 2 AMPS SWITCHES AUTOMATICALLY TO 350 ma TRICKLE
SEQUENCER BELT CAPACITY	FIVE (5) POWER BELTS
FAST CHARGE CUT-OFF MODES	REDUNDANT (2) PRESSURE SWITCHES (PRIMARY) THERMAL SENSOR (SECONDARY) TIMER - 60 MINUTE (BACK-UP)
TRICKLE CHARGE INDICATOR	RED BULB (5 VDC) SENSES ACTUAL CHARGE CURRENT
POWER "ON" INDICATOR	GREEN BULB (12 VDC) INDICATES OUTPUT CONNECTION
OPERATING TEMPERATURE	-4°F/-20°C to 113°F/45°C
OUTPUT CONNECTOR	2-PIN FEMALE, 97-3102A-125-35
OUTPUT CONNECTOR WIRING	PIN A-POSITIVE PIN B-NEGATIVE
OVERALL BELT DIMENSIONS	51" LONG X 4" WIDE X 1-3/4" HIGH
BATTERY SECTION DIMENSION	31" LONG X 4" WIDE X 1-3/4" HIGH
BATTERY COMPARTMENT MATERIAL	0.050 ALUMINUM, BLACK EPOXY COATED
NUMBER OF BATTERY COMPARTMENTS	FOUR (4)
ELECTRONIC MODULE DIMENSIONS	3" LONG X 4" WIDE X 1-3/4" HIGH
ELECTRONIC MODULE MATERIAL	0.050 ALUMINUM, BLACK EPOXY COATED
BELT MATERIAL	0.125" GENUINE LEATHER
BATTERY INTERCONNECTION	QUALITY MULTICONDUCTOR RIBBON AND BRAIDED CABLE USED FOR LOW VOLTAGE-DROP AND MAXIMUM FLEXIBILITY
BATTERY & ELECTRONIC CONTROL MODULE SERVICING	EACH BATTERY COMPARTMENT AND CONTROL MODULE ARE SECURED BY SIX (6) 4/40 MOUNTING SCREWS AND CAN BE REMOVED AT THE FIELD OFFICE LEVEL
FAST CHARGER MODEL	BC-30

Distributed by:

General Research Laboratories



DIVISION OF

Frezzolini Electronics Inc.

7 Valley St., Hawthorne, N. J. 07506

PHONE: (201) 427-1160

BATTERIES, CHARGERS & ACCESSORIES

FRCA78	Model B-12 Battery Pack, 12 VDC @1000 Mah.....	106.00
FRCA79	Model OS-TC Trickle Charger w/Charging Cassette.....	75.00
FRCA80	Model OS-TC Trickle Charger w/Cable Connector.....	40.00
FRCA81	Spare Charger Cassette w/Cable Connector.....	40.00
FRCA82	AC Battery Charger/Eliminator supplied with Charger Cassette w/Connector, 12' Charger to Camera Cable, AC Line Cord and (2) Spare GMW-5 Fuses.....	295.00
FRCA83	Spare 12' AC Battery Charger/Eliminator to Camera Cable....	40.00
FRCA84	Spare AC Line Cord.....	2.75
FRCA85	Spare GMW-5 Fuse (For Camera & AC Battery Charger/Elim.)...	1.50
FRCA86	Spare GMW-3 Fuse (For MCA-16 Amplifier).....	1.50
FRCA87	Frezzolini Model F-30-EC 30 VDC Power Belt for 250W Lights.	450.00
FRCA88	Frezzolini Model F-30-EXF, 30 VDC Fast Charge Power Belt...	585.00
FRCA89	Frezzolini Model BC-30 Fast Charger (60 Minutes).....	435.00

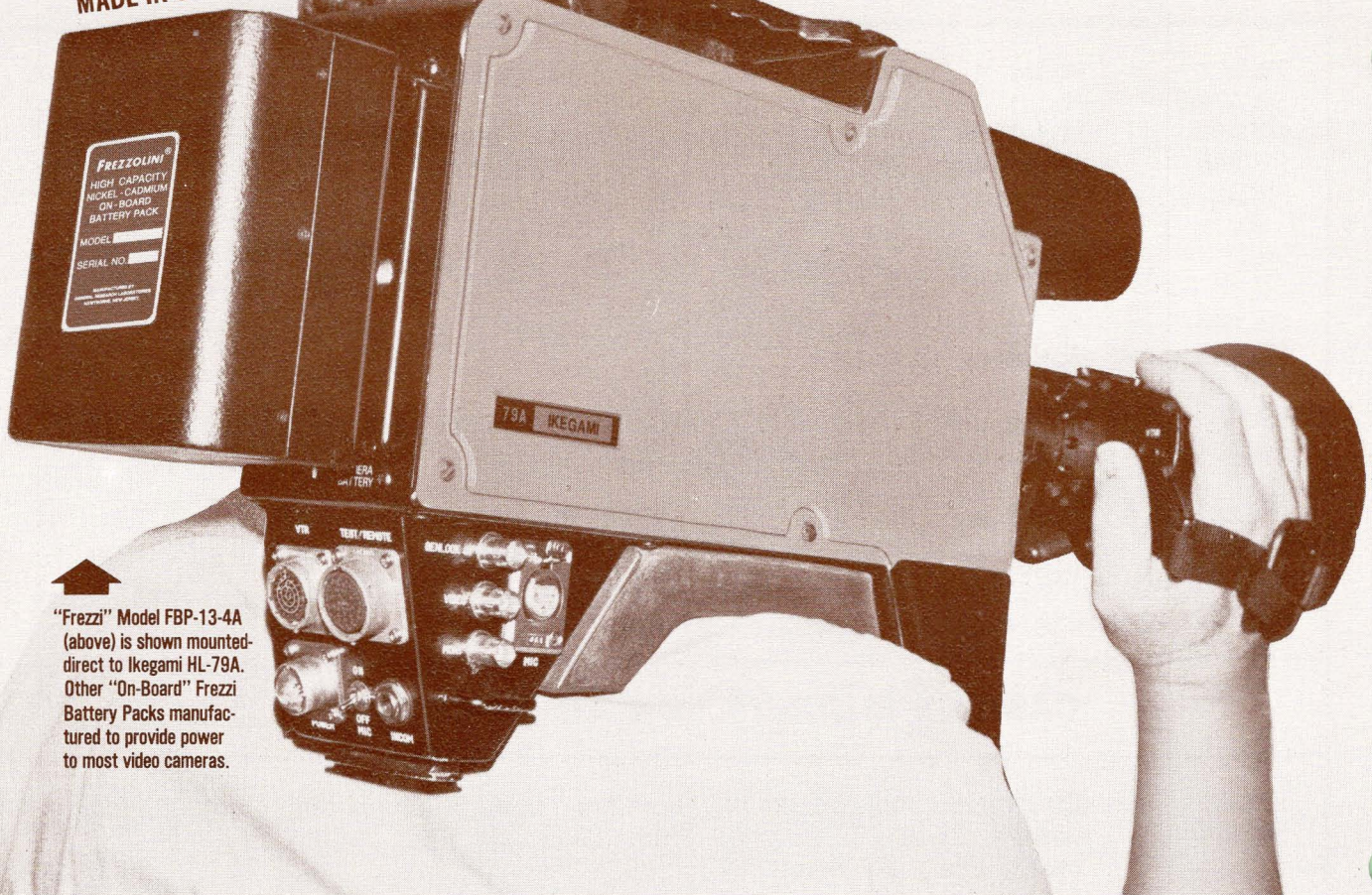
CAMERA MOUNTS FOR ACCESSORIES

FRCA90	Camera Microphone Mount (For 3/4" Dia. Microphones).....	50.00
FRCA91	Camera SG-65G Lighthead Mount (Dove-tail installed on Camera when ordered).....	50.00
FRCA92	Camera Mini-Pro Lighthead Mount (Dove-tail installed on Camera when ordered).....	50.00
FRCA93	Camera Mini-Pro Adapt-All Bracket (Mounts on FRCA90).....	10.00
FRCA94	Camera Mount Installed for Arri Matte Box.....	40.00
FRCA95	Camera Mount for Lens Support Bracket (Specify Lens).....	P.O.R.

SHOULDER PODS, BRACES & TRIPODS

FRCA97	Frezzi Pod (Standard 1/4-20 Screw-In Mount).....	77.00
FRCA98	P-L Shoulder Brace.....	220.00
FRCA99	P-L Quick Release Mechanism w/Base Plate.....	135.00
FRCA100	Spare Base Plate for Quick Release Mechanism.....	35.00
FRCA100A	P-L Metal Tripod.....	346.00
FRCA100B	P-L Spider Assembly (Spreader) for Metal Tripod.....	92.00
FRCA101	Sachtler 3 X 3 Fluidhead.....	1440.00
FRCA102	Long Fiber Legs 16.....	795.00
FRCA103	Pro-Jr Wooden Legs.....	220.00
FRCA104	Pro-Jr Wooden Legs Triangle (Clamp).....	80.00

MADE IN U.S.A.



"Frezzi" Model FBP-13-4A (above) is shown mounted direct to Ikegami HL-79A. Other "On-Board" Frezzi Battery Packs manufactured to provide power to most video cameras.

"On-Board" Frezzi Battery PacksTM cut your power cords.

Mount-direct to **Hitachi FP-40** and **Ikegami HL-79A**. Strong, light, solid-metal Frezzi Mounting Brackets (if required) customized for these cameras, and for mounting to **Ikegami HL-77**, **Sony BVP-300**, **Philips LDK-14**, and other portables.

Safe, reliable high-capacity nickel-cadmium batteries are housed in standard-black or optional-color aluminum cassettes.

Reduce your portable camera battery pack expense (and weight!) with "On-Board" Frezzi Battery Packs. For replacement power, or Frezzolini®-designed and manufactured on O.E.M. contracts.



Less than 1 hour re-charge time by AC-line-isolated "Frezzi-Fast"™ Chargers. Inputs: standard 115v, 60hz AC or international 100v, 120v, 220v, 240v, 49-61hz AC.

For information (N.J. 201) 427-1160 (N.Y.C.212) 594-2294



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