

# ELMO

Film-to-video Converters

## TRV- 16H

### The ultimate 16mm to video converter

ELMO, the world leader in presentation equipment, proudly presents you with a superior film-to-video converter for 16mm motion picture film to video images. This model is equipped with a 410,000 pixel color CCD video camera, producing over 450 horizontal TV lines of high resolution video images. PAL model also available.



### FILM TRANSPORTATION

Film	16mm Optical/Magnetic sound films
Film Loading	Elmo CHANNEL LOADING system
Film Capacity	600m (2000ft)
Film Control	One-knob control
Loop Restorer	Automatic
Motor	Synchronous motor
Projection Speed	24fps
Quick Review	Possible
Shutter	5-blade shutter

### GENERAL

Outside Dimensions	350mm(W)x220mm(D)x290mm(H) (13.8x8.7x11.4in.)
Power Consumption	150W
Power Source	AC120V, 60Hz
Weight	13kgs (28.7 lds)

### OPTICS

Focus	Manually adjustable
Iris adjustment	Manually adjustable
Lens	F1.8, f=25mm
Light Source	12V, 8W lamp

### SOUND

Audio Monitoring	3.5mm receptacle provided
Audio Output	400mV/600 ohms (RCA pin)
Frequency Response	Optical 50Hz to 7kHz Magnetic 50Hz to 12kHz
Playback System	Optical/Magnetic sound playback

### VIDEO

Ext. Sync. Frequency Range (against NTSC standard)H 20ppm  
SC 50ppm

(against NTSC standard)H 20ppm

Ext. Sync. Input Condition	C-VIDEO VBS 1.0 V(p-p)/75 unbalanced Sync. 0.286V 0.1V, Burst: 0.286V 0.1V
H-phase Adjustment	Manual (0 s ~ 1- s)
Image Pick-up element	1/2" Interline-transfer color CCD
Input Terminal	Ext. sync. input (BNC connector/75 unbalanced)
Output Signal	C-VIDEO VBS 1.0 V(p-p)/75 unbalanced S-VIDEO Y 0.714 V(p-p)/75 unbalanced C 0.286 V(p-p)/75 unbalanced
Output Terminal	C-VIDEO output(BNC connector/75 unbalanced) S-VIDEO output(mini-DIN 4P connector/75 unbalanced)
Picture Element	811(H)x508(V) (approx. 410,000 pixels)
Resolution	More than 450TV lines (Y signal with horizontal) More than 350TV lines (vertical)
S/N Ration	More than 50dB
SC-phase Adjustment	Manual (0 ~ 10 s)
Sync. System	Internal/External sync. (automatic changeover)
Television System	NTSC compatible
White Balance	Manually adjustable