

ELMO



VISUAL PRESENTER

EV-400AF



As a technological innovator since 1921

EV-400AF

From the Industry's Leading Company in Visual Presenter Technology ...

ELMO Introduces the EV-400AF Visual Presenter

The EV-400AF is ELMO's latest creation from a long history of award winning Visual Presenter products.

A fourth generation unit, the EV-400AF has been designed to meet the demands of the ever-growing highly diversified communications and presentation marketplace.



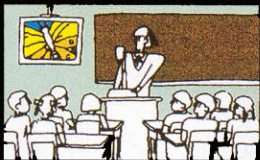
● Tele-Conferencing



● Product Presentation



● Factory Inspection Tool



● Educational Use



● Medical Record
and Tele-Medicine



Over 450TV-lines Resolution for a Clear Image

The EV-400AF begins with superior image quality. ELMO utilizes one of the finest 1/2" CCD (sensor) chips available. A 410,000 pixel chip yielding over 450 lines of horizontal resolution produces outstanding contrast and picture quality when capturing all types of 3D objects, slides, transparencies, and opaque presentation materials.

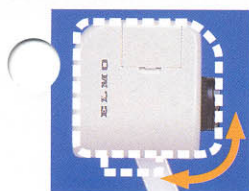
Auto Focus for Ease of Use

Auto Focus stands out as being one of the more desirable features on the EV-400AF. You have the option of auto or manual focus for greater flexibility.

Remote Control Capability including an RS-232C Terminal

Control and communication have never been more convenient with either the built-in RS-232C port or the 8 pin DIN plug. The RS-232C serial control allows the accessibility of all the command functions from any PC or remote control system. The 8 pin plug serves as the receptacle for the optional remote control units, which allows complete control capability of the EV-400AF from a remote area.





Rotating Camera Head

To capture images at telephoto position, you can rotate the camera head up to 90°.

8X Powered Zoom

8x magnification. ELMO features a built in 8x power zoom function which allows the capture of a 2x2 slide or up to a 320x 240mm/12.6x9.4" size object or document.

S-Video, Color/B&W Selection and Others

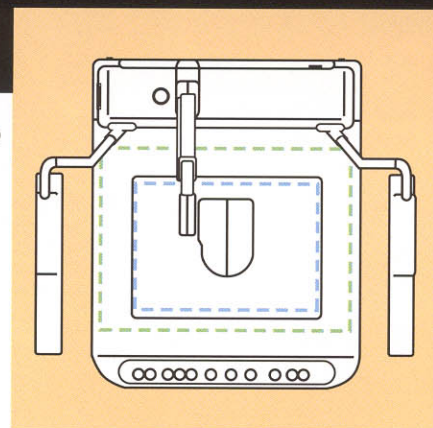
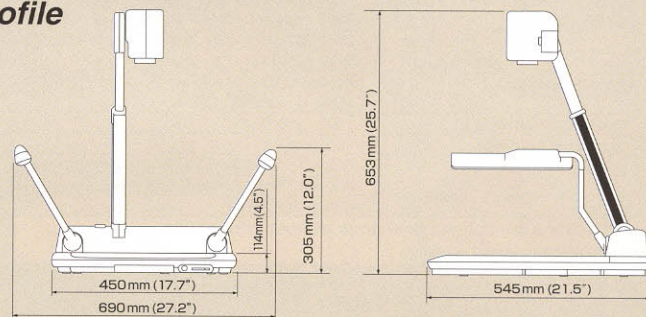
Additional features include composite and S-VHS(Y/C) outputs along with a passive video selector controller for 2 other external video sources. When viewing black and white objects or documents, the convenient black and white switch allows for improved clarity, and contrasts without color. The negative/positive switch, microphone input, genlock feature, monitor TV shoe mount, auto white balance with color correction and auto/manual iris control have set a standard in which all full size ELMO Visual Presenter's feature including the EV-400AF.

Complimented with Upper and Base Fluorescent Lighting

The EV-400AF comes complete with color tuned upper and lower fluorescent lighting to ensure proper white balance and color saturation in any room lighting environment.



Profile



Capturing Wide Image

320x240mm/12.6x9.4" size shooting area with a built-in 296x216mm/11.7x8.5" size baselight for transparencies.

Line-Up

SPECIFICATIONS

MODEL	VISUAL PRESENTER EV-400AF	
POWER	Power source	AC 120V 60Hz
	Power consumption	35W
	AC outlet	Max. 400W, unswitched
OPTICS	Lens	F1. 4~2.1, f=8.5~68mm
	Shooting area	320X240mm max.
	Zooming	Powered
	Focusing	Auto/Powered/Manual
	Iris	Auto/Manual(with fine adjustment)
LIGHTING	Upper lighting unit	Built-in, 3 band fluorescent lamp 6W X 2
	Baselight	Built-in, lighting area: 296X216mm
VIDEO & AUDIO	Television system	NTSC compatible
	Image pick-up element	1/2" interline-transfer CCD
	Picture element	811(H)X508(V)
	Sync. system	Internal/external sync. (automatic changeover)
	Resolution	Horizontal Vertical
		More than 450 TV lines (Y signal) More than 350 TV lines
	S/N ratio	More than 46dB
	Output signal	C-video VBS 1.0 Vp-p/75Ω unbalanced S-video Y 0.714Vp-p/75Ω unbalanced C 0.286Vp-p/75Ω unbalanced
	Ext. sync. input condition	C-video VBS 1.0 Vp-p/75Ω unbalanced Sync: 0.286±0.1Vp-p, Burst: 0.286±0.1Vp-p
	Ext. sync. frequency range	(against NTSC standard) H ±20ppm SC ±50ppm
	H-phase adjustment	Manual (0μs~8μs)
	SC-phase adjustment	Manual (0°~360°)
	Electronic shutter	1/60sec. or 1/100sec.
	White balance	Auto/manual
	Nega/posi conversion	Built-in (C-video, S-video)
	Color/B&W selection	Built-in (C-video, S-video)
	Input selection	3 modes (internal/AV1/AV2)
INPUT & OUTPUT TERMINALS	Input terminals	C-video input RCA jack / 75Ω unbalanced X2 S-video input Mini DIN 4P connector/75Ω unbalanced X2 Ext. sync. input BNC connector/75Ω unbalanced X1 Mic. input φ 6.3mm jack/600Ω, -65dB X1 Audio input RCA jack / 10kΩ or more, -10dB X2
	Output terminals	C-video output RCA jack / 75Ω unbalanced X1 S-video output BNC connector/75Ω unbalanced X1 S-videl output Mini DIN 4P connector/75Ω unbalanced X1 Audio output RCA jack / 10kΩ or more, -10dB X1 (monophonic)
	Remote terminal	RS-232C (DSUB 9P) X1 Manual remote (DIN 8P) X1
CONDITIONS	Operating temperature	+5°C~+40°C (37°F~104°F)
	Operating humidity	30%~85%
DIMENSIONS & WEIGHT	Dimensions	690(W)X545(D)X653(H)mm when set-up (27.2X21.5X25.7in.) 450(W)X545(D)X203(H)mm when folded (17.7X21.5X8.0in.)
	Weight	8.5kgs (18.8lbs)

Design and specifications are subject to change without prior notice.

Dimensions and weight are approximate.



EV-700AF

The most advanced 3-chip CCD presenter. Over 700TV-lines. 12X zoom with AF. RGB/S-Video output.



EV-500AF

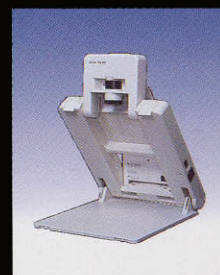
The sophisticated presenter with 10X AF zoom. RGB/S-Video output. A 410,000 pixel CCD chip.



with optional light

EV-368

The most popular presenter with 360,000 pixels CCD camera. Camera head tilts to 90° for use as a conventional camera.



EV-274

The remarkably compact completely self-contained presenter. Featuring 4X zoom lens, it weighs only 8.8 lbs. 11.8X13.8X2.4" when folded.

VISUAL PRESENTER

Accessories

Accessories which are available for the EV-400AF include:

■ A Monitor TV shoe adapter bracket (cat#9351)

is available to mount any small color LCD monitor with 1/4-20 socket for previewing visuals.



■ Magniscope Viewer MG-500 (cat#9355)

can magnify glass or micro slides up to 140X on a 21" monitor; the perfect accessory for medical testing laboratories or school biology classes.



■ Wired remote Control RC-551 (cat#9359)

functions include: focus, zoom, input selection, upper and lower lights.



■ Wireless (IR) remote Control RCW-552 (cat#9360)

functions include: focus, zoom, input selection, upper and lower lights.

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