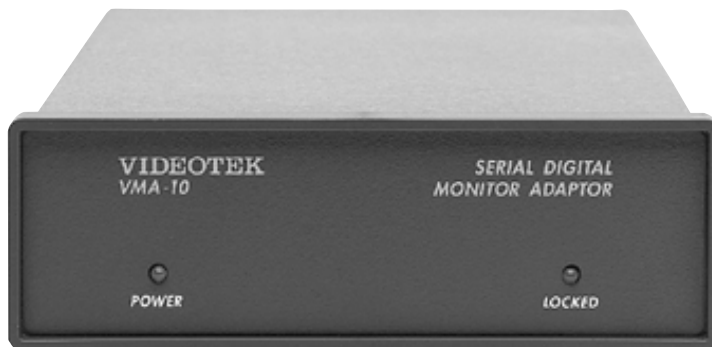


VMA-10

SERIAL DIGITAL VIDEO MONITOR ADAPTER



FEATURES

- Two composite analog outputs
- Single, serial digital component video loop through input
- D/A conversion
- Multi-standard
- Multi-voltage
- Compact design
- Rackmountable

The **VMA-10** Video Monitor Adapter provides a composite analog video output from a serial digital component video signal for monitoring. This lets any conventional composite analog video monitor or monitor/receiver serve as a video monitor for a component serial digital source. When placed on the looping connector of the input to a serial digital switcher, it serves as a source video monitor that verifies the integrity of the digital path. The VMA-10 is available as a self-contained unit or as an OMNIFRAME module (model VMA-10F). The self-contained series model described here may be used alone or installed in a Videotek DAT-1 tray for rackmount applications. The system-oriented design allows the VMA-10 to be combined with other modules, including analog audio and video series products, to meet your system requirements.

VIDEO

FORMAT COMPATIBILITY:

SMPTE 259M, ITU-R BT.601/656
Serial component
(270 Mb/s, 525/625 line)

INPUT:

75Ω BNC, female,
passive loop through

INPUT RETURN LOSS:

>17 dB to 270 MHz

INPUT LEVEL:

800 mV p-p ±10%

INPUT CABLE EQUALIZATION:

Automatic equalization for up to 300m
of 8281

OUTPUTS:

2 composite analog (NTSC/PAL, input field
rate dependent)

OUTPUT IMPEDANCE:

75Ω, source terminated

OUTPUT LEVEL:

1 V p-p nominal

FREQUENCY RESPONSE:

±1 dB to 5 MHz

DIFFERENTIAL GAIN:

<1.5%

DIFFERENTIAL PHASE:

<1.5°

POWER

INPUT:

90-132, 180-264 VAC 50/60 Hz

CONSUMPTION:

14 VA

CONNECTION:

3-wire power cord

ENVIRONMENTAL

OPERATING TEMPERATURE:

0° to 50°C

STORAGE TEMPERATURE:

-40° to 85°C

HUMIDITY:

90% maximum (non-condensing)

MECHANICAL

DIMENSIONS:

Height: 1.74" (4.4 cm)
Width: 5.25" (13.3 cm)
Depth: 9.9" (25.2 cm)

WEIGHT:

2.8 lb (1.27 kg)

STANDARD ACCESSORIES

Operation & Service Manual

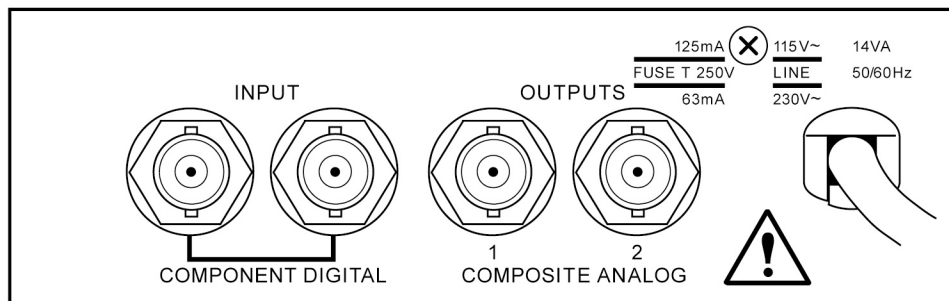
OPTIONS (see page 78)

DAT-1:

Rackmount frame. Accommodates any
3 Videotek self-contained modular units,
including video and audio distribution
and switching.

DAT-2:

Blank panel for DAT-1.



VMA-10 REAR PANEL