

SPECIFICATIONS

GENERAL

STANDARDS : NTSC/PAL (Auto Detect)

FORMATS : Composite/Component

DISPLAY WAVEFORM ACCURACY : $\pm 1\%$ @ 1V

VIDEO RESPONSE : 25Hz - 6 MHz $\pm 1\%$ of 50 kHz

CHROMA FILTER RESPONSE : Within 3% of flat @ 3.58 MHz and 4.43 MHz

TRANSIENT RESPONSE : Preshoot and/or overshoot $\leq 1\%$

TIME BASE MODES :

Line Rate: 1H, 2H, 3H

Field

Rate: 1V, 2V, 3V

Sweep Mags:

x5, x10, x20 relative to 1H or 1V

INPUT GAIN RANGE : Fully adjustable from 50% to 500%

COMPONENT FORMATS : GBR, BETA 75% and 100%, MII 75% and 100%, SMPTE, EBU 75% and 100%, YC using YC-1 adaptor option

COMPOSITE VECTOR ACCURACY : $\pm 1^\circ$

COMPOSITE VECTOR PHASE CONTROL : $> 360^\circ$, continuously variable

SC/H PHASE MEASUREMENT ACCURACY : $\pm 5^\circ$ @ SC/H 0°

MEMORY : 5 user-defined setups, with total instrument settings

DISPLAY : Input displays, graticule and background colors are user-selectable

INPUTS

VIDEO : Three BNC loop-thru NTSC/PAL composite or one component video input into 75 Ω load, sync negative

VIDEO LEVEL : 1V p-p ± 6 dB

VIDEO RETURN LOSS : ≥ 50 dB, DC [5 MHz

EXTERNAL REFERENCE : 286 mV NTSC, 300 mV PAL SYNC and BURST ± 6 dB

AUDIO : Two balanced stereo pairs using push-on connector (provided)

AUDIO LEVEL : 0, +4, +8, +12 dBm (menu selectable)

OUTPUTS

VIDEO : Two 75 Ω BNC video outputs. In component mode, output is "Y" or green channel with selected displays.

POWER REQUIREMENTS

POWER SOURCE : 115-240V AC, 50-60 Hz

POWER CONSUMPTION : 35 Volt amps typical

ENVIRONMENTAL

OPERATING TEMPERATURE : 0°C to 50°C

STORAGE TEMPERATURE : [40°C to 65°C

TRANSPORTATION : 24" impact drop

HUMIDITY : 90% (non-condensing)

ALTITUDE : Operating: to 10,000 ft.
Non-operating: to 50,000 ft.

MECHANICAL

CABINET : Height: 1.75" (4.5cm)

Width: 19" (48.3cm)

Depth: 16" (40.6cm)

WEIGHT : 15.0 lb (6.8kg)

INTERFACE

REMOTE CONTROL : RS-232 port for control by remote computer, or Microsoft or Logitech mouse

ACCESSORIES

Operator's Handbook (with Quick Reference Card), power cord, terminator, rackmounting hardware

OPTIONS

Service Manual

Specifications subject to change without notice.