

SPECIFICATIONS

I.C.A. SERIES 1100

GENERAL:

- INPUT LEVEL 5-2 VOLT P.P.
- OUTPUT LEVEL 1 VOLT P.P.
- SIGNAL TO NOISE RATIO ≥ 58 dB P.P. SIGNAL TO RMS NOISE
- DIFFERENTIAL PHASE $\leq 1.5\%$
- DIFFERENTIAL GAIN $\leq 1.5\%$
- LUMINANCE BANDWIDTH 5.8 mhz \pm 3dB
- CHROMA BANDWIDTH 2.6 mhz
- HORIZONTAL ENHANCEMENT PEAKING 2.6 mhz
- HORIZONTAL ENHANCEMENT DELAY 200 NANoseconds

- VERTICAL ENHANCEMENT TWO LINES OF VIDEO DELAY
- SYSTEM DELAY 1 VIDEO LINE PLUS MAXIMUM OF 750 n.s.
- NOISE REDUCTION CHROMA: ≥ 6 dB
LUMA: ≥ 6 dB
- CHROMA - LUMA CROSSTALK REDUCTION + 18 dB
- CHROMA - LUMA DELAY CORRECTION RANGE ± 200 n.s.
- CHROMA GAIN ADJUSTABLE FROM 0-200%
- SUB-CARRIER PHASE ADJUSTABLE FROM $\pm 150^\circ$ REFERENCED TO INPUT VIDEO
- RED GAIN ADJUSTABLE FROM 0-200%
- GREEN GAIN ADJUSTABLE FROM 0-200%
- BLUE GAIN ADJUSTABLE FROM 0-200%
- FADING INITIATED BY PUSH-BUTTONS, ADJUSTABLE FROM VERTICAL INTERVAL CUT TO 2 SECOND DISSOLVE.

OPERATING CONTROLS:

- RED, GREEN AND BLUE LEVEL
- RED, GREEN AND BLUE BALANCE
- CHROMA CENTERING
- ENHANCEMENT
- GRAIN (NOISE) REDUCTION
- BLACK LEVEL
- FADE-CUT SPEED
- FADE UP/DOWN BUTTONS FOR BOTH TAPE AND CAMERA

- VIDEO LIMIT (INPUT LEVEL) SCREW DRIVER ADJUST
- HORIZONTAL PHASE SCREW DRIVER ADJUST
- SUBCARRIER PHASE SCREW DRIVER ADJUST
- NOISE REDUCTION SWITCH
- ARTWORK POSITIVE/NEGATIVE SWITCH
- TITLE POSITIVE/NEGATIVE SWITCH
- CROSS-PULSE SWITCH
- SET-UP (WHITE LEVEL 100%) SWITCH
- DARK CORRECT (AUTO, BLACK LEVEL) SWITCH
- CHROMA PROCESS/DIRECT SWITCH
- BYPASS (AUTOMATIC WHEN POWER IS OFF) SWITCH
- POWER ON/OFF SWITCH

INPUTS:

- TAPE VIDEO INPUT (LOOP THROUGH) 50K. Ω
- OR TERMINATED WITH SWITCH 75 Ω
- TITLE VIDEO 10 PIN CONNECTOR OR BNC LOOP THROUGH EXTERNAL BNC TERMINATOR 75 Ω
- DROP OUT COMPENSATION R.F. FROM VTR TERMINATED 75 Ω
- RED, GREEN, BLUE* TERMINATED 75 Ω
- LUMINANCE* TERMINATED 75 Ω
- OTHER USER SPECIFIED:

OUTPUTS:

- RED, GREEN, BLUE* 1 VOLT P.P. INTO 75 Ω
- LUMINANCE* 1 VOLT P.P. INTO 75 Ω
- VIDEO OUTPUT 1 VOLT P.P. INTO 75 Ω
- CROSS PULSE VIDEO OUTPUT* 1 VOLT P.P. INTO 75 Ω
- COMPOSITE SYNC 4 VOLTS P.P. INTO 75 Ω
- COMPOSITE BLANKING 4 VOLTS P.P. INTO 75 Ω
- HOR. DRIVE 4 VOLTS P.P. INTO 75 Ω
- VERT. DRIVE 4 VOLTS P.P. INTO 75 Ω
- SUBCARRIER 2 VOLTS P.P. INTO 75 Ω
- BURST FLAG 4 VOLTS P.P. INTO 75 Ω
- BLACK BURST 1 VOLT P.P. INTO 75 Ω
- OTHER USER SPECIFIED:

OTHER:

- POWER REQUIREMENT:
- DIMENSIONS:
- WEIGHT:
- WARRANTY:

117 VOLTS @ 60 hz + 120 WATTS
 3 1/2" (8.9 CM)H, 19" (48.3 CM)L, 12" (30.5 CM)D. RACKMOUNT
 17 LBS (7.7 KILOS)
 STANDARD ONE YEAR COVERAGE, A COPY IS AVAILABLE UPON REQUEST.

Specifications are subject to change without notice.

*Note: Not included on all models, specify when ordering what input and output options are required.

SIEGEL-ELECTRONICS

ELECTRONIC EQUIPMENT FOR THE VIDEO INDUSTRY

P.O. Box 33421, Phone: (619) 295-4995

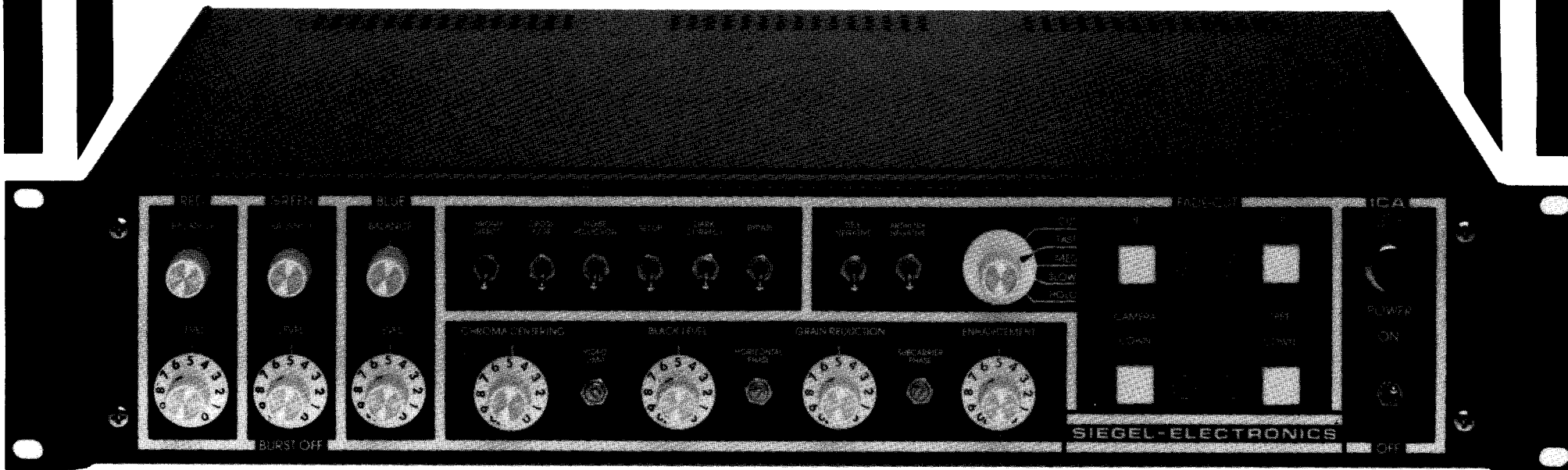
San Diego, California 92103 U.S.A.



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IMAGE CORRECTONAL AMPLIFIER

SERIES 1100



IMPROVE YOUR IMAGE