

ACE472

AUTOMATIC CABLE EQUALIZATION AMPLIFIER

Each ACE472 Circuit Card contains two Automatic Cable Equalizers and each equalizer has two independent BNC video output connectors. Nine circuit cards can slide into one RMS400 Main Frame, so, one Main Frame will handle eighteen (18) cameras in just 3 Rack Spaces (5 vertical inches of rack space).

The ACE472 is available for use with either Coaxial Cable input or UTP (CAT-5 Twisted pair) input cable. When ordering, please specify whether the card is for Coaxial Cable or CAT-5 Twisted Wire input. The CAT-5 input cards have screw-terminal input connectors while the Coaxial Input cards have female BNC connectors.

Being fully automatic, the ACE472 requires no front panel adjustments. A push button on each channel momentarily disables the automatic control system to allow local viewing and setting of the manual and automatic camera Iris controls. When the push button is released, the automatic action of the ACE472 resumes and the effect of automatic equalization becomes dramatically evident, especially on long cable runs.

VIDEO INPUT

Standard Level
Impedance (coaxial input)
(CAT-5 input)
Connector (Coaxial input)
(CAT-5 input)

SPECIFICATION

NTSC/CCIR B/W or Color
0.5 to 1.5 Volts, peak to peak
75 Ohms, Unbalanced
105 Ohms, Balanced
BNC
Screw Terminals

PROCESSING

Clamping
Common Mode Suppression
Gain Control (luminance)
Level Control Range
HF Compensation (coaxial cable)
(CAT-5)

Back Porch
50 dB
100 IRE Peak White
.5 - 1.5 Vpp
Automatic to one mile
Automatic to 3000 feet

OUTPUT

Level
Impedance
Connectors
Frequency Response
Sync Level
Color Burst Level
60Hz Residual
S/N Ratio

1 Volt (140 I.R.E. Units)
75 Ohms
Two BNC connectors per channel
Flat to 6 MHz
40 IRE Units
40 IRE Units
Less Than 1.0 IRE Unit
70dB