

Video Controller – 8 Zones

USA Product with Reputation known since 1989, Specialized and designed as an innovative Digital Video & Audio Distribution system.



The Z•880 can be used to access any A/V source from any zone. When using VIA! Touch Panels, the Z•880 is an essential component—allowing you to view up to eight video sources on each VIA! Touch Panel Since it is IR and RS-232 controllable, the Z•880 is the perfect video switcher for any stand-alone commercial or security application.

With the Z•880, each one of eight outputs can independently select any one of the eight video sources. Wideband switch matrix and video line drivers are placed on a premium double-sided flooded ground plane circuit board. This ensures that the highest quality video and cross talk performance specs are maintained. All of this means crystal clear video distribution— even to TVs located up to 500 feet away!

User/Installer-friendly LED readouts, 75 Ohm/Hi-Z input dipswitches, and RS-232 baud rate selectors provide many application opportunities for this unit. Control interfaces include front panel IR receiver, rear panel IR Input, RS-485, RS-232, and HD Series Serial Control Data Links.

Link up to three Z•880s together to create an 8 x 24 video switch matrix under IR, RS-232 or HD system control. Three units can also be linked together to create an 8 x 8 component video switcher. The Auto Track button on the Z•038 remote (optional), synchronizes all outputs to the system controller.

- Applications:**
- Video and Audio Distribution Control for Luxury Homes
 - Video and Audio Distribution Control in Luxury Offices
 - Hotel Banquet Halls Video and Audio Distribution Control
 - Smart School Video and Audio Distribution Control Sharing

Model: SH-486

Part #: Elan Z880

Features

- 8 x 8 Composite Video Switcher
- Perfect for standalone surveillance applications
- Front panel IR receiver
- Rear panel 3.5mm IR input
- Optional Z•038 handheld remote control
- Rear panel RS-485 input compatible with the Z•630 Multi-room Controller RS-485 bus
- RS-232 Interface: 9600/19200 baud rate, dipswitch selectable
- HD serial control input

Specifications

Inputs: ...
 8 composite video, 1 Vp-nominal
 Input Impedance: 75 Ohms or Hi-Z
 Outputs:
 8 composite video (expandable to 24 outputs with 3 Z880s)
 Output Impedance: 75 Ohms
 Video Gain: 0dB Nominal
 Freq Resp: +/-1.0dB, DC to 35MHz
 Bandwidth: DC to 35MHz Min
 Chrominance to Lum. Delay: < 10nSec
 S/N Ratio: >60dB
 Differential Phase: < 1°
 Differential Gain: < 1%
 Short Time Distortions: 1 NRE
 Crosstalk: >70dB
 Power Requirements:
 120VAC, 25W
 230VAC, 25W

Dimensions

Size: 17" W x 2-1/4" H x 10" D
 Weight: 10 lbs/ 4.5kg