

Half-Y | Distribution Matrix

I/O RANGE

6x2
8x4

SIGNAL TYPES

Composite, S-video
Mono audio, Stereo audio

For a complete list of available configurations please visit
(www.autopatch.com/halfy)



The Half-Y Series provides a cost-effective off-the-shelf solution for small signal applications including meeting rooms, sports bars and small home theaters.

ULTRA-FLAT RESPONSE

The bandpass curve is as flat as possible, measured at a tight ± 3 dB, unlike other manufacturers who specify only -3 dB to allow for excessive peaking, damaging the signal, to record a wider bandwidth.

MULTIPLE CONNECTOR OPTIONS

Video connector options include BNC, RCA & S-Video. Unbalanced audio connector options include RCA and screw terminal. Balanced audio connector is screw terminal.

PROFESSIONAL FEATURES

All models are equipped with SYNC input for vertical interval switching, and breakaway to route audio, audio follow video or video. Most models are equipped with RS-232 control port.

MULTIPLE CONTROL OPTIONS

There are models available with local X/Y control panel or blank front panel. Most models come with standard RS-232 control port, support AutoPatch's simple BCS serial control protocol, and ship with free APControl software.



GENERAL

AC Power:	100-250 VAC (50/60 Hz)
Power Consumption (max):	30 Watts per enclosure
Operational Temperature:	32° to 110° F (0° to 43° C)
Humidity:	0 to 90% non-condensing
Enclosure Dimensions:	6.75" (17.14 cm) depth 17.5" (44.45 cm) width without mounting ears 19.0" (48.26 cm) width with mounting ears
Height:	1.75" (4.45 cm) 1 RU
Weight:	3.5 lbs (1.59 kg) per enclosure
Approvals:	CE, UL, cUL, FCC

STANDARD AUDIO

Input Level (max):	+19.2 dBu, balanced (5T)
Input Impedance:	18 k Ω
Output Level (max):	+19.2 dBu, balanced (5T)
Output Impedance:	50 Ω
Frequency Response:	<+/- 0.1 dB (20 Hz to 20 kHz)
THD + Noise:	<0.05% (20 Hz to 20 kHz, Vin = +1.2 dBu to +13.2 dBu)
Signal to Noise Ratio:	>103 dB (20 Hz to 20 kHz, Vin = +13.2 dBu)
Connector Options:	3T, 5T, RCA, and Mini-Jack

STANDARD VIDEO

Input Level (max):	+/- 2 V
Input Impedance:	75 Ω
Output Level (max):	+/- 2 V
Output Impedance:	75 Ω
Frequency Response:	50 MHz or better (+/- 3 dB) 25 MHz or better (+/- 1.5 dB)
Differential Gain:	<0.1% or better (f = 3.58 MHz)
Differential Phase:	<0.1% or better (f = 3.58 MHz)
Signal to Noise Ratio:	>70 dB (Vin = 0.7 V)
Connector Options:	BNC, RCA, S-video

FEATURES

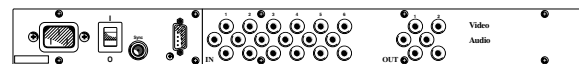
- Lifetime Warranty
- AutoAssist 24-hour technical support
- Ultra-Flat Response
- Multiple connector options
- RS-232 control port (most models)
- SYNC input for vertical interval switching
- Breakaway
- Choice of front panel control or blank front panel
- Simple AutoPatch BCS Serial Control Protocol
- Rack mounting ears included



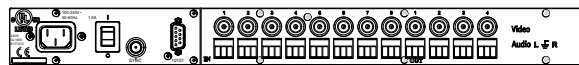
We stand behind every unit we sell with our exclusive AutoPatch Lifetime Warranty.



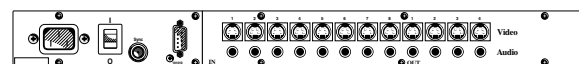
Our trained technical staff is available 24 hours a day, every day of the year, to answer installation and technical questions.



6x2 composite + stereo (RCA/RCA)



8x4 composite + stereo (BNC/3T)



8x4 S-video + stereo (S-video/Mini-Jack)
3 of many available configurations



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