

1T-SW8 and 1T-SW4 Routing Switchers are ultra compact, high performance products designed to meet the most demanding requirements for signal routing. Video Bandwidth of 25MHz insures these products will provide a video output that is identical to the source signals. The 1T-SW8-x1CVB is an 8x1 Composite Video switcher with BNC Connectors, the 1T-SW8x1CVR is an 8x1 Composite Video switcher using RCA Connectors and the 1T-SW8x1SV is an 8x1YC video switcher. The Stereo Audio Switcher is a 4x1 with a bandwidth of 20Hz to 60KHz. Input selection is via front panel Push Buttons or by IR Remote Control.

All models are 12VDC powered and a Power Adapter is included. A locking DC connector is provided for security. For best performance, use high quality cables.



Specifications

Inputs

1T-SW8x1CVB	8x Composite Video via BNC
1T-SW8x1CVR	8x Composite Video via RCA
1T-SW8x1SV	8x YC (S-Video) via 4-Pin Mini-DIN
1T-SW4x1ARL	4x Stereo Audio (R/L) via 2x RCA

Outputs

1T-SW8x1CVB	1x Composite Video via BNC
1T-SW8x1CVR	1x Composite Video via RCA
1T-SW8x1SV	1x YC (S-Video) via 4-Pin Mini-DIN
1T-SW4x1ARL	1x Stereo Audio (R/L) via 2x RCA

Performance

	Video	Audio
Bandwidth	25MHz, +/-3db	20Hz-20KHz+/-0.1db
Impedance	75Ω	20KΩ
Distortion	<0.5db	<0.5db
Isolation	>60db	>70db
Signal to Noise Ratio	>60db	>70db
THD	N/A	<0.3% (2nd Harmonic)
Signal Gain	Unity	Unity
Television Standard	PAL-NTSC	N/A

Mechanical

Size (H-W-D)	25x175x100mm (1"x7"x4")
1T-SW8x1CVB Weight (Net)	540 g (1.19 lb)
1T-SW8x1CVR Weight (Net)	450 g (1 lb)
1T-SW8x1SV Weight (Net)	450 g (1 lb)
1T-SW4x1ARL Weight (Net)	450 g (1 lb)

Warranty

Limited Warranty	2 Years Parts and Labor
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Environmental

Operating Temperature	0° to +70°C (+32° to 158° C)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-25° C to +95° C (-13° to +203° F)
Storage Humidity	10% to 90%, Non-condensing

Power Requirement

External Power Supply	12VDC@500mA - Locking DC
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Regulatory Approvals

Amplifier Units	FCC, CE, RoHS
Power Supplies	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x Power Adapter	US, UK or Euro
1x IR Remote Control	
1x Operations Manual	

Key Features of the Routing Switchers

- Ultra Compact, High Performance Units
- PAL and NTSC Television Standards
- Bandwidth: Video 25MHz, Audio 20Hz to 20KHz
- Video Inputs: 8x CV, 8x YC or 4x Stereo Audio
- Push Button and IR Input Selection
- Locking DC Power Connector for Security

Panel Drawings

