

CATS™- 8BYBTAV: Audio/Video Router



Outputs: 8

Inputs: 8

Size: 17" W x 1.75" H x 6" D

Compatible: Crestron, Niles,
Phast/AMX, SmartLinc, Xantech

The CATS™ 8BY8TAV is a switcher/router for multi-zone, multi-source distribution of CATS™ signals to 8 different zones. Any input can be routed to any and all zones, independent of how the others are set. Each zone output can be daisy-chained to multiple CATS™ receivers and each zone driver is capable of driving 1000 ft. of category 5 wires.

Programming and control is via serial (RS-232) input / output connection. Zone selection is also possible through remote control. The IR commands from the remote CATS™ receivers are interpreted by the switcher/router micro-controller and the zone is selected. Independent IR LED drivers are available for source equipment control.

The CATS™ system distributes line-level stereo audio and composite video over standard category 5 or category 3 wires with no loss in quality over distances of 1,000 feet for video or 5,000 feet for audio. CATS™ consists of a transmitter that encodes the source signals using Pragmatic's patent-pending Bandwidth Domain Signal Processing (BDSPT™), and a receiver that decodes them at the end of the line. BDSPT™ completely eliminates problems such as ground loops, noise pick-up, hum, frequency roll-off, and impedance mismatch, ensuring that the source signals experience no loss in quality.

Copyright © 1994- 2007. All rights reserved.

Pragmatic Communications Systems, Inc.

2934 Corvin Drive, Santa Clara, CA 95051, USA

Fax. (408) 735 0800

Tel. (408) 735 0300

www.pragmatic1.com

Applications:

Home Theater video distribution
Remote video extension to bedroom or den
Send DVD, laser disc, VCR, or DSS output to remote rooms
Broadcast studio video distribution
Video extension for remote monitors
CCTV and security video distribution
Video delivery between buildings
Remote camera video monitoring

Features & Benefits:

Eliminates ground-loops, noise pickup, and hum
DVD quality video reproduction
Much higher quality than long-distance coax
Uses low-cost, multi-function category 5 wire
Comes with the option of front panel display, 1-line or 2-line
Compatible with standard home control systems: Crestron, Niles, Phast/AMX, SmartLinc, Xantech
8 category 5 inputs
8 category 5 outputs
IR input
RS232/RS485 connection

Architect Specifications:

The unit shall measure 17" W x 1.75" H x 6" D. It shall be is a switcher/router for multi-zone, multi-source distribution of signals to 8 different zones. It shall have 8 inputs and 8 outputs. It shall be compatible with standard home control systems like Crestron, Niles, Phast/AMX, SmartLinc, and Xantech. Any input shall be able to be routed to any and all zones, independent of how the others are set. Each zone output shall be able to be daisy-chained to multiple CATS™ receivers and each zone driver shall be capable of driving 1000 ft. of category 5 wire. Programming shall be through serial (RS-232) input / output connection or remote control.

The unit shall be a Pragmatic CATS™ - 8BYBTAV.

Copyright © 1994- 2007. All rights reserved.

Pragmatic Communications Systems, Inc.

2934 Corvin Drive, Santa Clara, CA 95051, USA

Fax. (408) 735 0800

Tel. (408) 735 0300

www.pragmatic1.com