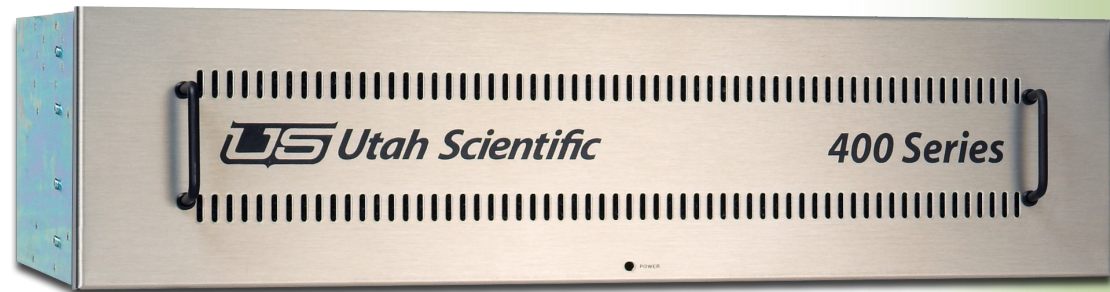


UTAH-400/TC

Timecode Router

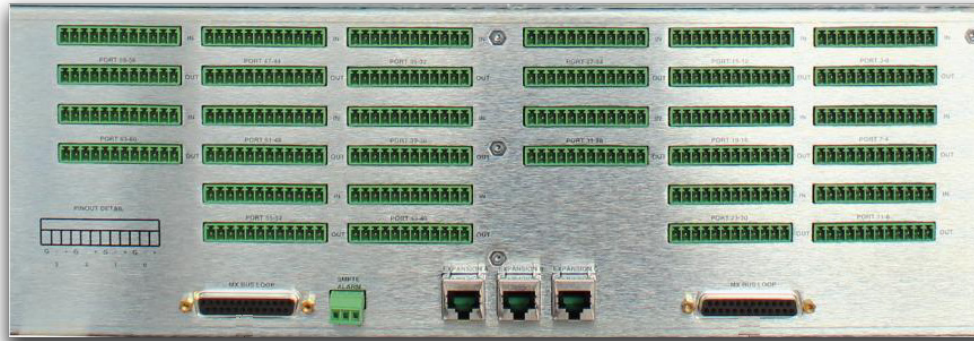
The UTAH-400/TC Router is a 64x64 router designed for routing timecode data in conjunction with the audio/video signal routing layers of a UTAH-400 Digital Routing Switcher System. Each 3RU frame carries a single switch card that serves 64 input ports and 64 output ports. A high-speed data bus arrangement is provided to connect up to four frames together to form larger routers with up to 256 x 256 ports.

As with all other routers in the UTAH-400 family, dual power supplies are provided as standard equipment. The UTAH-400/TC router is controlled by the same MX-bus control system as other UTAH-400 frames, allowing it to be added to any SC-4 or SC-400 control system.



UTAH-400/TC Features

- ✓ Compact 3RU Package with Dual Power Supplies
- ✓ 64 Input Ports and 64 Output Ports Per Frame
- ✓ Up To Four Frames Can Be Inter-Connected
- ✓ To Support Router Sizes Up To 256x256



The UTAH-400/TC Router has 64 input ports and 64 output ports. This flexible port configuration feature allows for optimum efficiency in applications where there are more sources than destinations or vice versa, a very common situation in production and post-production applications.

The UTAH-400/TC Router's I/O Connections are carried on terminal strips for easy cabling using standard audio cable. The connector pin-outs follow the normal (+ / - / Gnd) pattern for balanced (three-conductor) wiring. Unbalanced connections are also supported.

Up to four chassis can be interconnected via CAT-5 cables when more ports are required, giving a maximum size of 256 X256.

Specifications

I/O Signals

SMPTE 12M Timecode Data -- 64 Ports
 Signal Amplitude: 2.0Vpp +/- 10%
 Input Impedance: 110 Ohms
 Output Source Impedance: <50 Ohms

Environmental

Operating Temperature Range: 0-45° C
 Relative Humidity: 0-90% (non-condensing)

Power Requirements

(All supplies are UL-listed and IEC950 approved)
 Input: 100-240 VAC, 50-60 Hz
 Maximum Consumption: 50 W

Physical

EIA 19" rack mount 2RU (3.5" / 90mm) x14" (356mm) deep
 Weight: 15lbs (7Kg)

For additional information on the individual products in the Utah Scientific Router Family, please refer to our Web Site:
www.utahscientific.com

