

Model 4430

8x1 ASI/310M Router

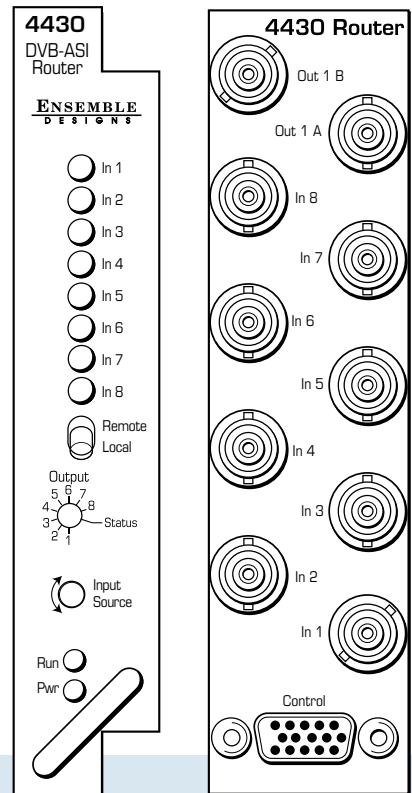
The 4430 is an 8x1 ASI or SMPTE 310M Router that handles data rates from 19.39 Mb/s to 270 Mb/s. This module is perfect for use with encoders, servers and other transport streams. The 4430 fits in any slot of either the 1RU or 3RU Avenue frames.

The router module can be controlled and monitored locally and remotely. The remote control system is accessed using an Avenue Touch Screen, or Avenue PC software. Additionally an external X-Y Router Control Panel or GPIs can be used for control. The X-Y Control Panel connects to the module's rear D connector.

Modules can be updated with new software as new formats are supported. Software is updated with Avenue's built-in networking capability.

Features

- » 8x1 ASI or SMPTE 310M routing
- » Use with encoders, servers, transport streams
- » GPI remote panel
- » RS-232/RS-422-capable remote port
- » Optional X-Y Control Panel



X-Y Router Control Panel



Input Signal

Number: Eight
 Signal Type: DVB-ASI at 270 Mb/s or SMPTE 310M
 Impedance: 75 Ω
 Return Loss: >15 dB DC to 270 MHz
 Max Cable Length: 300 meters Belden 1694A

General Specifications

Power Consumption: <4.0 watts
 Temperature Range: 0 to 40°C ambient (all specs met)
 Relative Humidity: 0 to 95%, noncondensing
 Altitude: 0 to 10,000 ft
 Fusing: 1.5 Amp PTC resettable fuse

Output Signal

Number: One
 Signal Type: Serial Digital DVB-ASI at 270 Mb/s or SMPTE 310M (follows input)
 Impedance: 75 Ω
 Return Loss: >15 dB DC to 270 MHz
 Output DC: None (AC coupled)

