

1RU Frame

The 1RU Avenue frame accommodates any mix of up to three audio or video modules (except for the 5440 Router Expansion module). Modules plug into a universal motherboard; no special rear connectors are needed. In addition to the three module slots, there is a dedicated slot for the optional 5035 System Control module. A universal in-line power supply is provided with each frame.

Video and audio modules for conversion, distribution and synchronization plug into a universal frame motherboard. Plastic overlays for each module type are provided and slip over the corresponding BNCs on the backplane to identify the input and output designations on each type of module. As with the 3RU Frame, the 1RU also can add an optional System Control Module for additional features and capabilities. Please refer to System Control Overview for more information.

Features

- » Use with 3 Gb/s, HD, SD, MPEG and Audio modules
- » Universal backplane
- » Optional System Control module provides AveNet, ethernet and serial interface
- » Network all frames together for streamlined control
- » Mix ethernet and AveNet for simplified network topology
- » SNMP monitoring and control

Avenue 1RU Frame



5010 Power Supply

Each Avenue 1RU frame includes a single 5010 Power Supply module. It installs in the upper right slot of the frame. Power is provided to all modules in the frame where it is regulated to the required voltages for the module.

The Avenue 1RU frame uses an external in-line power supply. There is a single point of connection on the frame for power. For customers who want a redundant power solution, Ensemble offers an external in-line dual power supply with two line cords. This optional power supply auto-switches.

Frame Specifications

The Avenue 1RU (1.75 inches) frame fits in a standard 19-inch rack. Any number of frames may be stacked together in any combination. All critical components such as fuses, filter and fan are accessible from the front of the unit.

Avenue 1RU Frame Dimensions and Architecture

| Frame Dimensions: | Height | Width | Depth | Weight (no modules) |
|-------------------|---------------|--------------|------------|---------------------|
| 1RU | 1.75"/44.5 mm | 19"/482.6 mm | 13"/330 mm | 11.2 lbs/5.1 kg |

Part Number: 1RUFRM

Power required: 40 watt maximum

