

## Model 7100

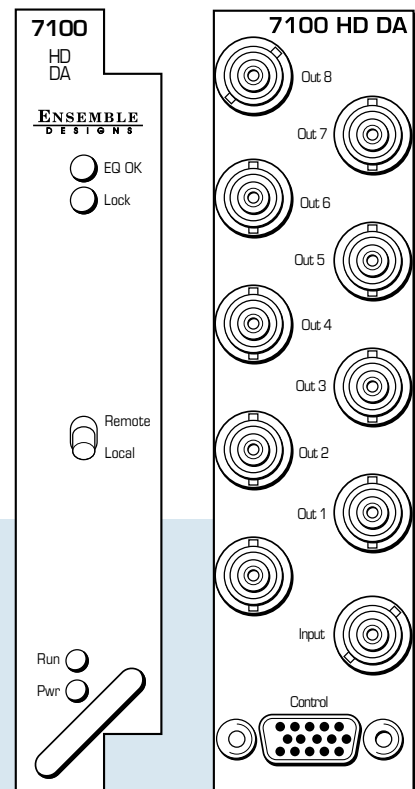
### HD Reclocking Distribution Amplifier

The 7100 HD Distribution Amplifier module can be used in the Avenue 3RU and 1RU frames. HD, SD, ASI and audio modules can be mixed in the same frame.

The module can be monitored locally and remotely. The remote control system is accessed using an Avenue Control Panel and/or Avenue PC. Modules can be updated with new software as new formats are supported. Software is updated with Avenue's built-in networking capability. On loss of signal, the 7100 can generate an alarm that is monitored through Avenue PC.

#### Features

- » High Definition DA
- » Supports all HD standards
- » Eight HD serial digital outputs
- » Reclocked outputs
- » Use HD, SD, ASI and audio modules in same frame
- » Auto EQ
- » One or more alarms on loss of signal
- » Passes embedded audio



**Input**

Number One  
Signal Type HD Serial Digital  
SMPTE 274M, 292M & 296M  
Impedance 75 Ω  
Return Loss >15 dB, DC to 1.5 GHz  
Max Cable Length 100 meters Belden 1694A  
Automatic Cable Input Equalization

**General Specifications**

Power Consumption <7.0 watts  
Temperature Range 0 to 40°C ambient  
(all specs met)  
Relative Humidity 0 to 95%, noncondensing  
Altitude 0 to 10,000 ft

**Output**

Number Eight  
Signal Type HD Serial Digital  
SMPTE 274M & 296M  
Impedance 75 Ω  
Return Loss >15 dB, DC to 1.5 GHz  
Output DC None (AC coupled)

