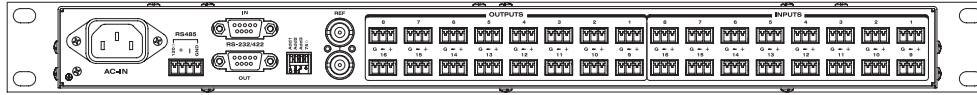


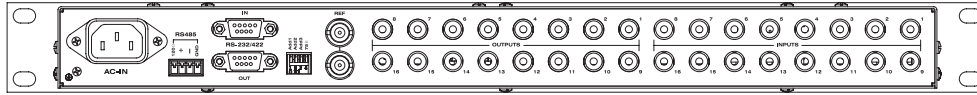
OPAL-A OPAL Series Analog Audio Routing Switcher

OPAL-A is an analog audio routing switcher. It uses 3Pin (balanced) /RCA (unbalanced) connectors as I/O interface. OPAL-A uses a modular design. Switching sizes range from 4×4 to 16×16. With removable modules, the routing switcher can be configured easily and flexibly.

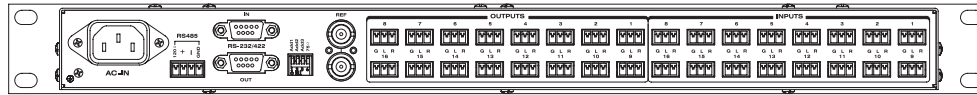
Back Module with 3Pin Connectors (Balanced Mono)



Back Module with RCA Connectors (Unbalanced Mono)



Back Module with 3Pin Connectors (Unbalanced Stereo)



SPECIFICATIONS

Unbalanced Analog Audio Input

Connector.....RCA
 Signal Format.....Unbalanced analog audio
 Common Mode Rejection.....>60 dB, 20Hz ~ 20 kHz

Unbalanced Analog Audio Output

Connector.....RCA
 Signal Format.....Unbalanced analog audio

Performance

Gain.....0 dB
 Frequency Response.....<±0.2 dB, 20 Hz ~ 20 kHz
 THD.....< 0.02%
 THD+N.....< 0.05%

Balanced Analog Audio Input

Connector.....3Pin
 Signal Format.....Balanced analog audio
 Impedance.....110 kΩ
 Common Mode Rejection.....>60 dB, 20 Hz ~ 20 kHz

Balanced Analog Audio Output

Connector.....3Pin
 Signal Format.....Balanced analog audio
 Impedance.....33 Ω

Performance

Gain.....0 dB
 Frequency Response.....<±0.2 dB, 20 Hz ~ 20 kHz
 THD.....<0.02%
 THD+N.....<0.05%