

STANDARD BANDWIDTH SMALL ROUTING SYSTEMS

Sigma's standard bandwidth small routing systems are available in every combination of analog video and audio. Each system comes complete with a control panel. For the full list of available standard bandwidth small routing systems, please visit our website.



FEATURES

- High Quality, Low Cost
- 8x8 to 16x16 Input/Output systems
- Control panel included

STANDARD BANDWIDTH SMALL ROUTING SYSTEMS

The specifications listed below apply to standard features and signal options for all standard bandwidth small routing systems. These systems are available with most combinations of available signal types. To see our full list of available standard bandwidth small routing systems, please visit our website at www.sigmaelectronics.com.

SPECIFICATIONS

ANALOG AUDIO (UNBALANCED)

INPUTS

Eight or sixteen, 15 k Ω , unbalanced
Level +18 dBu maximum
Connectors RCA

OUTPUTS

Eight or sixteen, 15 k Ω , unbalanced
Level +21 dBu max. into HiZ
+18 dBu into 600 Ω
Gain Unity, ± 0.2 dB into 600 Ω
THD 0.03% max. @ +18 dBm, worst case
Freq. Response ± 0.2 dB, 20 Hz to 100 kHz
Crosstalk 90 dB @ 1 kHz, worst case
70 dB @ 20 kHz, worst case
Hum & Noise -95 dBu, 20 kHz bandwidth
Connectors RCA

CONTROL

SCI Module Port SCI2144 RS-232/RS-422
Control Panel Button per source/destination
Control levels 4, select any or all 4 levels
Take AutoTake
Connection BNC/Coax, 2000 feet max.
Configuration Rack Mount
Requires 4 rack screws
Power 9 Vdc 300mA, wall transformer included

ANALOG VIDEO

INPUTS

Sixteen, 75 Ω , terminated
AC Coupled
Level 1.4 V p-p max.
Return Loss 30 dB @ 5 MHz
Gain Variation ± 0.2 dB
Gain Setting Adjusted for unity
Connectors BNC

OUTPUTS

Eight or sixteen, 75 Ω impedance
Level 1.4 V p-p max.
Bandwidth 20 MHz
Differential Phase 1 $^{\circ}$ max., 10 - 90% APL
Differential Gain 0.5% max., 10 - 90% APL
Tilt, Field, & Line 1% Maximum
Freq. Response ± 0.5 dB, 50 Hz to 5 MHz
Crosstalk 50 dB min. to 5 MHz
Hum & Noise 70 dB min. below 1 V p-p
Connectors BNC