

GW2300 Medium Matrix Switcher



GW2300 is a high performance medium matrix switcher for applications 16×4, 16×8 or 16×16. The front panel pushbutton represents each of input signals or each of output signals. The push button can realize the “status lock”, “layer switching”. With the control software, multi channel switching can be achieved.

Features:

- | 19” 3U standard chassis with standby power supply and remote control panel
- | Analog Matrix Switcher 16×4, 16×8 or 16×16
- | Video standard: PAL, NTSC, SECAM
- | Audio standard: mono, stereo, balanced, unbalanced
- | Enable video, audio alone or simultaneous switching
- | Modular Design, Hot Plug-in
- | Power Off Memory
- | Synchronic Signal Input available.
- | RS232 Remote Control

Specifications:

Video Input

Type	BNC
Impedance	75Ω
Return Loss	>40dB 4.43MHz
Level	1Vp-p

Video Output

Type	BNC
Impedance	75Ω
Return Loss	>40dB 4.43MHz
Level	1Vp-p

Video Parameter

Gain	0dB
Gain Stability	<±0.1dB
Frequency Response	<±0.15 dB Up to 6MHz
2T K-Factor	<0.25%
2T Pulse /Bar Response	<0.25%
S/N Ratio CCIR567	>70 dB
DG	<0.15%(10-90% APL) @4.43MHz
DP	<0.15°(10-90% APL) @4.43MHz

Cross Talk	< -66 dB @4.43MHz (Adjacent Channel) < -60 dB @4.43MHz (Worst Case)
Path Length Diff	<±0.1° @4.43MHz
Chr/Lum Gain Inequality	<±0.15%
Chr/Lum Delay Inequality	<±2 ns

Audio Input:

Type	3Pin Balanced
Level	+20dBu Maximum
Impedance	High
Common Mode Rejection	>60 dB (20Hz~20KHz)

Audio Output:

Type	3Pin Balanced
Level	+20dBu (600Ω Load)
Impedance	Low
DC On Output	<±20mV

Audio Parameter

Gain	0dB
Gain Stability	<±0.1dB
Frequency Response	<±0.1dB (20Hz~20KHz)
Total Harmonic Distortion	<0.015% +20dBu (20Hz~20KHz)
Noise	<-85dB (20KHz Weighted, RMS)
Cross Talk	< -90dB (Typical, up to 20KHz) <-85dB (Worst Case, up to 20KHz)

Ordering Information:**GW2300-16AB Medium Analog AV Routing Switcher**

A: Number of Output Videos 4 or 8 or 16

B: None_Video and Mono Audio, S_Video and Stereo Audio, V_Video only, A_Mono Audio only,
AS_Stereo Audio only