



**GT-20-PSA**  
20 Port DSP

The **GT-20-PSA** is a versatile audio matrix switcher with 20 analog ports that can be configured as inputs or outputs. It features multi-channel DSP and Acoustic Echo Cancellation (AEC) for superior sound quality. The unit includes a mini-USB connection, a built-in power amplifier (2×60W @ 8Ω and 1×120W @ 70V/100V), and a 4×4 Dante interface. It also supports HDMI embedding/de-embedding, USB, and S/PDIF. Its intuitive graphic interface makes system configuration easy and straightforward.

Category	GT-20-PSA Specification
Analog Audio Outputs	20 Balanced Mono Audio on 3-pin terminal blocks
USB Output	1 female mini USB connector
HDMI Output	1 female HDMI connector
S/PDIF Output	1 RCA connector
120W Amplifier	On a 4-pin large terminal block
RS -232 Port	3-pin terminal block connector
Ethernet Port	RJ -45 female connector
HDMI Input	1 female HDMI connector
S/PDIF Input	1 RCA connector
USB Input	1 female mini USB connector
Line/Mic Level Input Impedance	Unbalanced: 7.6kΩ, Balanced: 3.8kΩ, Microphone: 3.8kΩ
Nominal Level	Unbalanced: 0dBV (0.77Vrms), Balanced: +6.8dBu (1.54Vrms)
Maximum Level (Balanced)	+8dBu (2Vrms)
Sensitivity	Unbalanced: Full power @ 0dBV (0.77Vrms), Balanced: Full power @ +6dBu (1.54Vrms)
Phantom Power	48 VDC on/off per input
Line Level Output Impedance	Unbalanced: 50Ω, Balanced: 50Ω
Frequency Response	20Hz – 20kHz @ ±1dB
S/N Ratio	>100 dB, 20Hz – 20kHz, at unity gain (unweighted)
Audio THD + Noise	<0.01%, 20 Hz – 20 kHz, at unity gain
Line Level Input Crosstalk	<-85 dB, 20Hz to 20kHz
User Interface	Front Panel LEDs: 1 status, 20 audio ports, 4 Dante I/O, HDMI embed, HDMI de-embed, 2 S/PDIF I/O, USB I/O, and 2 amplifier channels
Control (RS -232)	Baud Rate: 115200, Data Bits: 8, Stop Bits: 1
Operating Temperature	0° to +40°C (32° to 104°F)
Storage	

Temperature	
Humidity	10% to 90%, RH non-condensing
Supported Web Browsers	Windows 7, Windows 10, MAC 10.11: Chrome
Power Consumption	190VA
Power Source	100-240V AC 50/60Hz

