



T88D / T88 is a powerful 8-in 8-out audio matrix that supports 8 analog audio inputs and 8 analog audio outputs. T88D also supports 4x4 Dante network audio input and output. Multiple options of input and output provide you with the flexibility required to integrate into the system. It can meet the control and audio processing for various places.

Through the Windows system computer software BrainCore Net, you can remotely control all devices in the local area network and efficiently control all parameters of the processor. Through the joint debugging function, multiple devices of the same model can be debugged simultaneously. Some functions can also be controlled through the wall panel. Through the scene preset function, users can directly use intelligent central control to achieve scene recall, volume adjustment and other functions.

Manufactured to German Precision Craftsmanship Standards, Ensuring Durability and Longevity

■ European R&D and Design, German Precision Manufacturing Standards

The DSP modules are designed by Audiocenter's European R&D team and manufactured to German precision standards, ensuring stable and efficient system operation and high-quality audio output.

■ High Standards

All input and output connectors are professional-grade quality components.

High-quality components ensure the amplifier operates stably in harsh environments.

■ High Reliability

DSP modules have been sold globally for over 500,000 units and have proven to be very stable and reliable.

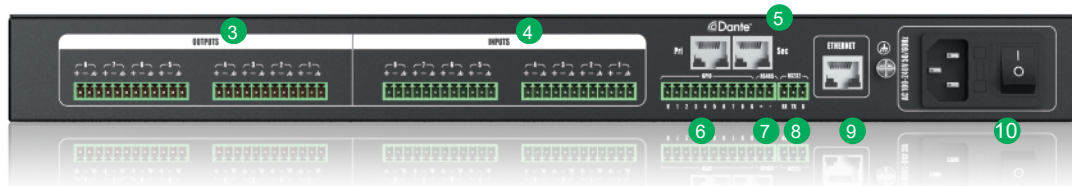


1 USB port

The computer control software can be connected through USB port

2 LED

Power LED, Input LED, 48V phantom power LED, Output LED



3 8-channel analog output

Euro-block connector, balanced output

4 8-channel analog input

Euro-block connector, balanced input

5 Dante audio transmission interface

7 RS 485 interface

It can be used as central control, panel control, camera tracking and expansion interface.

8 RS 232 interface

It can be used as central control, panel control, camera tracking and expansion interface.

9 ETHERNET computer control interface

6 GPIO interface

GPIO control extension

10 Power

Connected via standard IEC plug, Power switch

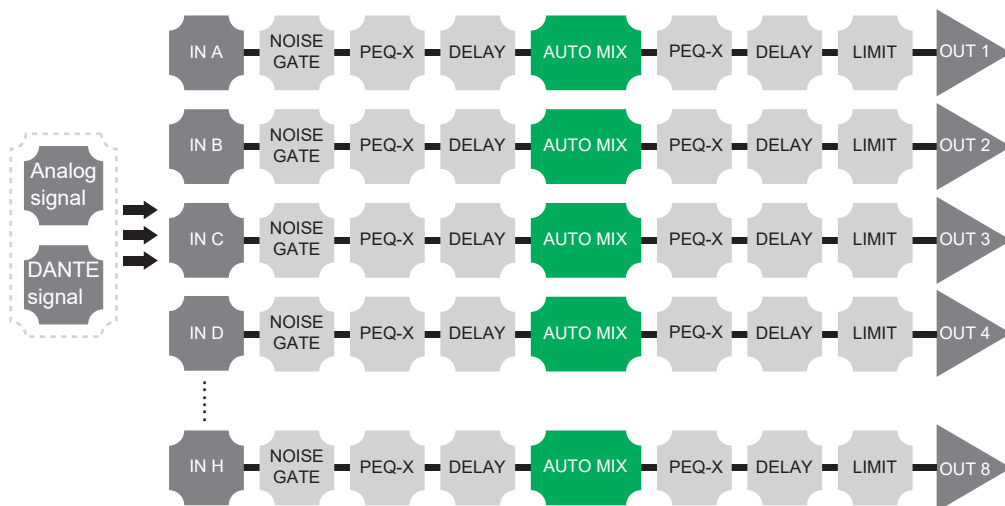
High-Fidelity Sound Quality

High-Resolution Conversion

24-bit AD/DA conversion, 96kHz sampling rate, 10Hz ~ 28kHz bandwidth and over 105dB dynamic range.

IIR Filters

Offering a variety of Bessel, Butterworth, Linkwitz-Riley filters, supporting high-pass, low-pass, and parametric equalization, easily achieving -48dB/octave adjustments and phase control.



- Perfect Integration of BrainCore™ Technology.
- T88D/T88 works seamlessly with Artist speakers and amps. Users can recall the different scenes and applications to build up a complete commercial audio system quickly. Password can be set for protection.
- USB drive-free automatic connection software, open RS-232, RS-485 protocol to achieve third-party control, support TCP / IP remote control.
- All functions can be configured through the Windows system. T88D/T88 supports debugging for multiple devices and remote control.
- In built with functions of AFC, auto mixing, matrix mixing, equalizer, crossover, limiter by DSP to deliver clear sound dynamic.
- 8 analog audio inputs, 8 analog audio outputs, T88D supports 4x4 Dante network audio input and output.
- With both microphone input and line input, with 48V phantom power.
- Built-in camera tracking function to control the camera by sound.
- GPIO programmable connector.



	T88D	T88
Signal Processing	32-bit fixed/floating-point DSP 300MHz	32-bit fixed/floating-point DSP 300MHz
Audio System Delay	<1ms(analog input- analog output)	<1ms(analog input- analog output)
AD/DA Converter	24bit	24bit
Sampling Rate	96kHz	96kHz
Input Channels	8-channel electronically balanced line input, 4-channel Dante input	8-channel electronically balanced line input
Input Interface	3.81mm Euroblock (analog input), RJ-45 (Dante input)	3.81mm Euroblock (analog input)
Output Channels	8-channel electronically balanced line output, 4-channel Dante output	8-channel electronically balanced line output
Output Interface	3.81mm Euroblock (analog output), RJ-45 (Dante output)	3.81mm Euroblock (analog output)
Input Impedance	>10kΩ	>10kΩ
Output Impedance	<150Ω	<150Ω
Maximum Input Level	> +14dBu/ line, -7dBu/microphone	≥ +14dBu/ line, -7dBu/microphone
Phantom power	+48VDC, 6.5mA (optional per channel)	+48VDC, 6.5mA(optional per channel)
Frequency Response	20Hz-20kHz(±0.5dB)/line 20Hz-20kHz(±1.5dB)/mic	20Hz-20kHz(±0.5dB)/line 20Hz-20kHz(±1.5dB)/mic
Dynamic	105dB(@12dBu, 1kHz, A weighted)/line 95dB(@-7dBu, 1kHz, A weighted)/mic	105dB(@12dBu, 1kHz, A weighted)/line 95dB(@-7dBu, 1kHz, A weighted)/mic
THD+N	-90dB(@12dBu, 1kHz, A weighted)/line 86dB(@-7dBu, 1kHz, A weighted)/mic	-90dB(@12dBu, 1kHz, A weighted)/line 86dB(@-7dBu, 1kHz, A weighted)/mic
Connection type	USB/RS232/RS485/TCP/IP	USB/RS232/RS485/TCP/IP
AC Power Operating Range	100-240V(±10%, 50-60Hz)	100-240V(±10%, 50-60Hz)
Power consumption	<20W	<20W
Rack space	1U	1U
Dimension(WxHxD)	484x44x245mm	484x44x245mm
Net weight	3.5kg	3.5kg