



Description

The high-performance smart mixer is designed with 16 analog balanced inputs and 4 analog balanced outputs. It is mainly used in the scenarios of analog microphone sound reinforcement and multi-channel sound source mixing, which can meet the application requirements of sound reinforcement systems in conference rooms, courts, auditoriums, multipurpose halls, classrooms, performance venues and other places.

Feature

- * High-performance DSP processing, 40-bit DPS processor (clocked at 400M), 32-bit/48kHz excellent high-quality sound.
- * With 16 analog inputs and 4 analog outputs, support optional microphone input and line input. Each input supports 48V phantom power, which can be individually configured through PC software.
- * With diversified audio processing functions: ducker, auto gain, equalizer, crossover.
- * Support automix functions, including gain sharing mixing and gated automix.
- * Support 10-band input graphic equalization adjustment, 31-band output graphic equalization adjustment, and parametric full-band drag adjustment.
- * Support high and low pass crossover full-band adjustment, with three optional filters: Bessel, Linkwitz-Rayleigh, and Butterworth.
- * Support flexible import and export of scenes.
- * Factory reset function.
- * Device positioning function.
- * Power-off automatic memory protection function.
- * Ethernet multi-use data transmission and control port supports real-time management of single and multiple devices.
- * Intuitive and graphical software interface, XP/Windows7, 8, 10 and other system environments.

Specification

Model	TS-D1604
Input channel	16 balanced MIC/LINE inputs, using bare wire interface terminals, balanced connection
Output channel	4 balanced line outputs, using bare wire interface terminals, balanced connection
Input sensitivity	MIC IN: 120mV; LINE IN: 775mV
Max input level	15dBu
Max output level	18dBu
Frequency response	20Hz-20kHz (± 1 dB)
THD	MIC $\leq 0.04\%$, LINE $\leq 0.035\%$
Channel isolation	≥ 106 dB @1kHz 18dBu (A-weighted)
SNR	≥ 108 dB @1kHz 18dBu (A-weighted)
Power supply	AC110V-240V



Smart Mixer

TS-D1604

Working temperature	-10°C~45°C
Power consumption	20W
Cooling method	Fan forced cooling
Dimension (L×D×H)	484×203×45mm
Net weight	2.6kg