

Professional Power Amplifier
TR-41200A



Application Scene

- Large theater, outdoor performances, Stadium sports venues, clubs, nightclubs, entertainment bars, leasing, auditorium, banquet hall, Concerts and so on.

Features

- * With 2U streamlined cabinet design, class-TR real time tracking power amplifier technology, high efficient amplifying circuit design, and high-fidelity sound quality, perfect to restore the audio quality.
- * Soft-start power on, to prevent absorbing a large current of the grid power, from interference with other electrical equipment.
- * Built-in smart clipping distortion and over-current limit system.
- * Built-in 38-150V peak voltage limit selection, can effectively protect the speaker.
- * Built-in automatic temperature control fan cooling system.
- * Gain from 23-44 dB selectable function.
- * Two modes: stereo, A + B C + D bridging mode.
- * Comprehensive and reliable security protection measures and working status indicator, over-temperature, over-voltage, under-voltage, over-current, short circuit multiple intelligent detection protection system.

Specifications

Output Power (20-20KHz/THD \leq 1%)	TR-41200A
Stereo/Parallel 8 Ω x 2	1200W x 4
Stereo/Parallel 4 Ω x 2	1800W x 4
Bridged 8 Ω	3600W x 2
Integrated Socket	XLR, TRS interface
Voltage Gain (@1KHz)	23-44dB
Input Sensitivity	0dBu(1V)
Input Impedance	10K Ω Unbalance, 20K Ω balance
Frequency Response(@1W power)	20-20KHz/ \pm 1dB
THD+N(@1/8power)	\leq 0.05%
S/N Ratio (A weighting)	\geq 95dB

Damping (@ 1KHz)	$\geq 200 @ 8 \Omega$
Resolution (@1KHz)	$\geq 70\text{dB}$
Protection Mode	Over-voltage, under-voltage, over-current, DC and short circuit protection
Indicator	Power, temperature, UHF protection, clipping, short circuit protection etc.
Cooling Method	Fan Cooling
Power Supply	$\sim 220\text{-}240\text{V}$ 50/60Hz
Maximum Power Consumption	8000W
Size(LxWxH)	483x370x88 mm
Weight	19.8Kg