LUCKY TONE

4- Channel Amplifier with DSP

Description

PA Series is a multifunctional network DSP digital power amplifier, which can remotely monitor the status of the power amplifier in real time, and it can set the compressor, limiter, noise gate, parametric equalization, matrix routing, delay as well as other DSP functions in real time. A simple software interface provides customers with simple and convenient settings and operating experience. Besides, the multiple connection methods can achieve good configurability and scalability, which is suitable for various environments.

Features

▶ Optional for Dante network audio
▶ With network TCP/IP control, and it can realize the management of multiple devices
▶ Power on or off remotely
▶ Use 4.3 inch IPS capacitive touch screen
▶ With built-in DSP digital processor
▶ Support multiple connection method: USB, TCP/IP, RS232, RS485
▶ Monitor the working status of the power amplifier remotely in real time
▶ The power amplifier can be identified by software on site
▶ Switch to bridging or matrix mode freely
▶ Three levels of input sensitivity can be adjusted 0dBu/6dBu/12dBu, software or color LCD screen setting
▶ With standard Fir function, support 4×2048 Taps
▶ Support constant voltage and constant resistance: 100V, 70V, 8 ohms, 4 ohms
▶ Software control, it can control media matrix and professional processor at the same time
▶ Wide voltage operation 180-264VAC

Ordering code

PA-41500TD
4*1500W@8Ω,4*2000W@4Ω,100V (4*1250W); 70V(4*600W); Amplifier with DANTE AND DSP

PA-41500T
4*1500W@8Ω,4*2000W@4Ω,100V (4*1250W); 70V(4*600W); Amplifier with DSP

PA-41000TD
4*1000W@8Ω,4*1600W@4Ω,100V (2*1250W); 70V(4*600W); Amplifier with DANTE AND DSP

PA-41000T
4*1000W@8Ω,4*1800W@4Ω, 100V (2*1250W); 70V(4*600W); Amplifier with DSP

PA-4800TD
4*800W@8Ω,4*1600W@4Ω,100V (2*1250W); 70V(4*600W); Amplifier with DANTE AND DSP

PA-4800T
4*800W@8Ω,4*1600W@4Ω,100V (2*1250W); 70V(4*600W); Amplifier with DSP

Applications

·Performing Arts Center   ·Opera
·Gym   ·Hotel
·Conference   ·Shopping Mall
·Retail Store   ·Restaurant

MODEL	PA-41500T	PA-41000T	PA-4800T
Channels	4	4	4
Rated power	4*1500W@8Ω,4*2000W@4Ω, 100V (4*1250W); 70V(4*600W);	4*1000W@8Ω,4*1800W@4Ω, 70V(4*600W)	4*800W@8Ω,4*1600W@4Ω, 70V(4*600W)
Bridge power	2*3200W@8Ω	2*3200W@8Ω;100V(2*1250W)	2*3200W@8Ω;100V(2*1250W)
Minimum output impedance	4Ω for each channel	4Ω for each channel	4Ω for each channel
Input	Balanced input, 4*XLR	Balanced input, 4*XLR	Balanced input, 4*XLR
Output	4*Spoken; 4*Terminal	4*Spoken; 4*Terminal	4*Spoken; 4*Terminal
Maximum input level	20dBu/7.75V	20dBu/7.75V	20dBu/7.75V
Sensitive	12dBu:31dB/6dBu:37dB/0dBu:43dB	12dBu:29.3dB/6dBu:35.3dB/0dBu:41.3dB	12dBu:28.3dB/6dBu:34.3dB/0dBu:40.3dB
Signal to noise ratio	103dB@12dBu/ 1kHz	103dB@12dBu/ 1kHz	103dB@12dBu/ 1kHz
Frequency	20Hz ~20kHz (±0.5dB) @1W, 8Ω	20Hz ~20kHz (±0.5dB) @1W, 8Ω	20Hz ~20kHz (±0.5dB) @1W, 8Ω
THD+N	<0.08%@1W	<0.08%@1W	<0.08%@1W
Sampling rate	48k/24bit	48k/24bit	48k/24bit
Dante（Optional）	4 Dante channels	4 Dante channels	4 Dante channels
Display	4.3 inch IPS capacitive touch screen	4.3 inch IPS capacitive touch screen	4.3 inch IPS capacitive touch screen
Protection	Audio limiter, high temperature, DC, high frequency,short circuit, back-EMF, peak current limiter, inrush current limiter, start-up delay, power circuit breaker protection, power supply overvoltage/undervoltage protection		
PC software	Software can control media matrix, audio processor, DSP power amplifier, active DSP module		
Power supply	180-264VAC	180-264VAC	180-264VAC