



PROFESSIONAL CLASS D POWER AMPLIFIER DUAL CHANNEL

PA 2120D/ PA 2250D/ PA 2350D/ PA 2500D/ PA 2650D



CLASS D
TECHNOLOGY



HIGH EFFICIENCY
& ENERGY SAVING



PHOENIX TERMINAL
INPUT



MULTIPLE OUTPUT
OPTIONS



MULTI PROTECTION
SYSTEM



INTELLIGENT
FAN CONTROL

ATDSC 2-channel Class D PA Amplifier are engineered for high performance, stability and reliability. With advanced Class D technology, intelligent protection and efficient cooling, ATDSC amplifiers deliver powerful and clean audio for a wide range of professional applications.

FEATURES

- **Exquisite appearance:** Premium 1U high-grade aluminium front panel with black anodized sandblasted finish for a sleek and professional appearance.
- **Stable and Reliable Performance:** Double-sided SMT technology enhances overall stability, reliability, and long-term performance.
- **High Efficiency and Energy Saving:** Advanced Class-D amplification technology delivers high efficiency with reduced power consumption
- **Flexible interface:** Phoenix terminal inputs provide secure, flexible and convenient installation
- **Multiple Output Options:** Support both 100V constant voltage and 8Ω–16Ω low-impedance Speaker output are provided, which is highly applicable.
- **Easy Level Control:** Independent channel volume controls with sealed dustproof potentiometers ensure smooth and noise-free adjustment
- **Clear Status Monitoring:** Four-channel LED indicators provide real-time monitoring of amplifier status
- **Comprehensive Protection:** Features short-circuit, DC, overload, and over-temperature protection for safe and reliable operation
- **Intelligent heat dissipation design:** Temperature-controlled cooling fans automatically adjust speed according to operating conditions, reducing noise and improving efficiency.

Specification	ATDSC PA 2120D	ATDSC PA 2250D	ATDSC PA 2350D	ATDSC PA 2500D	ATDSC PA 2650D
Rated Power Output	2 × 120W	2 × 250W	2 × 350W	2 × 500W	2 × 650W
Total Power Output	240 W	500 W	700 W	1000 W	1300 W
Speaker Output	100V / 8–16Ω Constant Voltage Output				
Input Sensitivity	0.775V (0dBV), Balanced Input				
Frequency Response	60Hz – 18kHz (±3dB)				
THD	<0.5% @ 1kHz (1/3 Rated Power)				
Signal-to-Noise Ratio	>80dB				
Output Regulation	<3dB, from no-signal static operation to full-load operation				
Front Panel	Round Knob for Volume adjustment x 2 On/Off Switch x 1 8 LED signal light indicator (For POWER, CLIP, SIGNAL, PROT)				
Rear Panel	Power Input x 1 3 Pin x 2 (Mic. Input) 3 Pin x 2 (Output) HPF Switch x 2 (For Individual Channels)				
Cooling Mode	Automatic speed control fan				
Protection	Short Circuit, Overload, Over-Temperature, DC Protection				
Power Consumption	370W	780W	1050W	1350W	1800W
Power Cord	(3 × 1.5mm ²) × 1.5m (Standard)				
Power Supply	AC 220V ±10%, 50/60Hz				
Dimensions	480(W) × 280(D) × 45(H) mm				

AVAILABLE THROUGH PAN INDIA DISTRIBUTOR & DEALER NETWORK

