



Professional Class D Mixer Amplifier Series

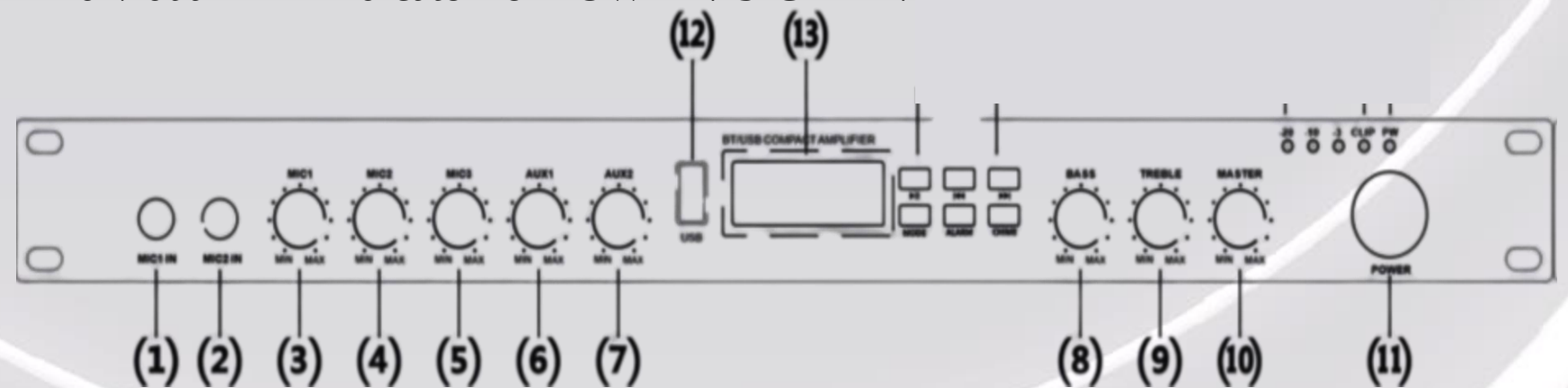
PA60/ PA120/ PA250/ PA350/ PA500/ PA650



- 100V / 70V & 4-16Ω Output
- USB Playback
- 3 Mic + 2 Aux Inputs
- Emergency Alarm Function
- Multiple Preset Modes
- Built-in MP3 Player

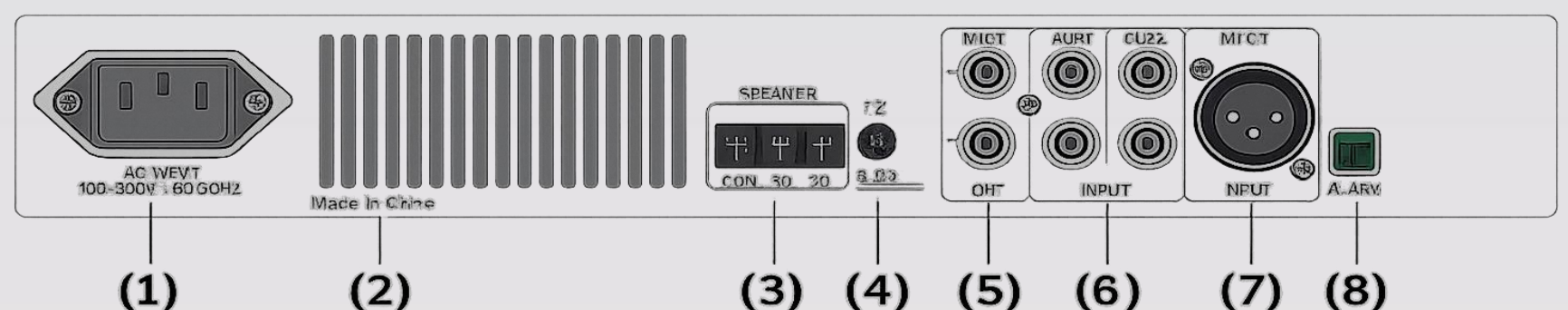
Descriptions & Features

- 60/120/250/350/500/650 watts of amplifier power are available with either 70/100-volt or 8 to 16 ohms (S2) loads.
- Includes a balanced line level output for adding additional power amplifiers.
- The unit also features muting function that Alarm overrides MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation.
- Provides complete protection for output on short circuit, overload, high temperature, peak current limiters.
- Aluminum alloy panel with standard 19"1U height.
- 100% pure copper toroidal transformers.
- USB/ALARM
- CLASS D power amplifier circuit generates low heat provides high efficiency.
- Individual volume controller for MIC & AUX inputs.
- MASTER volume controller.
- Two key tone sounds: Bell and Alarm.
- USB, automatic playback function after power-on.
- Dot matrix display LCD 1.4 inches.
- Protections of short circuit, overload, high temperature.
- Individual LED indicator for POWER / SIGNAL / PROTECTION



Front Panel

- | | |
|------------------------------|---------------------------------|
| (1) MIC input x 2 | (8) Power switch x1 |
| (2) MIC Volume control x 3 | (9) USB input x 1 |
| (3) MIC3 volume control | (10) Digital display x1 |
| (4) AUX volume control x 2 | (11) Function keys x 3 |
| (5) Bass control x 1 | (12) Signal indicator light x 4 |
| (6) Treble control x 1 | (13) Power indicator light x 1 |
| (7) Master volume control x1 | |



Rear Panel

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|---|--|
| (1) Power input x 1 | (5) Auxiliary audio output port x 2 |
| (2) Heat dissipation port x 1 | (6) AUX input port x 4 |
| (3) Fixed resistance 8-16 Ω , 100V output terminal x 1 | (7) MIC input port 11 |
| (4) Fixed resistance, fixed voltage switch x1 | (8) Short circuit input alarm trigger x1 |

Technical Specifications

Model Number	ATDSC PA-60	ATDSC PA-120	ATDSC PA-250	ATDSC PA-350	ATDSC PA-500	ATDSC PA-650
Rated Output Power	60W	120W	250W	350W	500W	650W
Output Mode	8–16 ohms Fixed Resistance Output					
	60W	100V (167 ohms (Ω)) Constant Voltage Output				
	120W	100V (84 ohms (Ω)) Constant Voltage Output				
	250W	100V (42 ohms (Ω)) Constant Voltage Output				
	350W	100V (28 ohms (Ω)) Constant Voltage Output				
	500W	100V (21 ohms (Ω)) Constant Voltage Output				
	650W	100V (15 ohms (Ω)) Constant Voltage Output				
Microphone Input	MIC1/MIC2: 600 ohms, 10mV, unbalanced					
	MIC3: 600 ohms, 10mV, balanced					
Line Input	AUX1/AUX2: LINE 10K ohms, 300mV, unbalanced					
Auxiliary Output	0.775V (0dB)					
Frequency Response	60Hz – 20KHz (±3dB)					
Nonlinear Distortion	<0.5% at 1KHz, 1/3 of rated output power					
S/N Ratio	Line: >80dB, MIC: >65dB					
Output Adjustment Rate	<3dB from static to full load working state					
Tone Adjustment Range	BASS: 100Hz (±10dB), TREBLE: 10KHz (±10dB)					
Indicator Light	Power Supply: PW, Level Indication: -20, -10, -3, CLIP					
Power Supply	AC100V–AC240V, 50–60Hz					
Power Cord	(3×0.5mm²)×1.5M (standard)		(3×0.75mm²)×1.5M (standard)			
Power Consumption	90W	180W	360W	480W	720W	990W
Product Size	480mm*200mm*45mm		480mm*280mm*45mm			
Package Size	522mm*284mm*72mm		515mm*380mm*100mm			
Net Weight	2.3kg	2.7kg	3kg	3.2kg	3.4kg	3.8kg
Gross Weight	2.9kg	3.3kg	3.9kg	4.1kg	4.3kg	4.7kg



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