



PA AMPLIFIER

ZA-2248S-AS

DESCRIPTION

TOA amplifier of model ZA-2248S-AS is mixer power amplifier with high capacity for audio requirements in mosque or other places of worship.

SPECIFICATIONS

* 0 dB = 1 V

Power Supply	AC : 220V, 50/60Hz ; DC : 24V	
Power Output	Rated 240W	
Power Consumption	AC : 600W (rated output)	
	AC : 330W (operation at EN60065)	
	DC : 20A (operation at rated output)	
Frequency Response	50Hz \pm 3dB - 20,000Hz \pm 5dB	
Distortion	Less than 1% THD at 1kHz, 1/3 rated output power	
Inputs (sensitivity, Impedance, Connector)		
MIC 1	Rear	1.0mV (-60dB*) Balanced 600 Ω , Phone Jack, Echo
MIC 2	Rear	1.0mV (-60dB*) Balanced 600 Ω , Phone Jack
MIC 3	Rear	1.0mV (-60dB*) Balanced 600 Ω , Phone Jack
MIC 4	Rear	1.0mV (-60dB*) Balanced 600 Ω , Phone Jack
MIC 5	Rear	1.0mV (-60dB*) Balanced 600 Ω , Phone Jack
AUX 1	Rear	300mV (-10dB*) Unbalanced 10k Ω , RCA Pin Jack
AUX 2	Rear	300mV (-10dB*) Unbalanced 10k Ω , RCA Pin Jack
AUX 3	Rear	300mV (-10dB*) Unbalanced 10k Ω , RCA Pin Jack
Speaker Outputs	100V, 4 Ω	
PRE AMP OUT	1.0V (0dB*) Unbalanced 600 Ω , RCA Pin Jack	
PWR AMP IN	1.0V (0dB*) Unbalanced 10k Ω , RCA Pin Jack	
REC OUT	1.0V (0dB*) Unbalanced 600 Ω , RCA Pin Jack	
Phantom Power	DC +21V (MIC 1)	
Noise Level (S/N)	More than 80 dB at All Volume control full CCW	
	More than 50 dB at All Volume control full CW	
Output Regulation	Less than 3 dB no load to full load	
Controls	Front	5 Microphone Gain Controls
	Front	3 Aux Gain Controls
	Front	8 Bass Tone Controls
	Front	8 Treble Tone Controls
	Front	1 Echo Level Control
	Front	1 Master Controls
	Front	1 Power ON/OFF Switch
Tone Controls	Bass : \pm 10 dB at 100 Hz, Treble : \pm 10 dB at 10 kHz	
Indicators	1 LED Signal, 1 LED Peak, 1 LED Power ON	
Ambient Temperature	0°C to +40°C	
Dimensions	420 (W) X 144 (H) X 361 (D) in mm	
Weight	14.5 kg	
Finish	Front panel	Aluminum, Gray
	Case	Steel plate, Gray

Notes:

- o Specifications are measured on 220V AC.
- o the design and specifications are subject to change without notice for improvement.