TOA

MIXER POWER AMPLIFIER

ZA-2128S-AS & ZA-2248S-AS

Ready to Install

Big Power, Easy to Use

ZA-2128S-AS

SPECIFICATIONS

* 0 dB = 1V

Power Supply		AC : 220V, 50/60 Hz ; DC : 24V
Power Output		Rated 120W
Power Consumption		AC : 350W (rated output)
		AC : 170W (operation at EN60065)
		DC : 15A (operation at rated output)
Frequency Response		50Hz - 20,000Hz ± 3dB
Distortion		Less than 1% THD at 1kHz, 1/3 rated output power
Inputs (sensitivity, Impedance, Connector)		
MIC 1	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack, Echo
MIC 2	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
MIC 3	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
MIC 4	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
MIC 5	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
AUX 1	Rear	300mV (-10dB*) Unbalanced 10kΩ, RCA Pin Jack
AUX 2	Rear	300mV (-10dB*) Unbalanced 10kΩ, RCA Pin Jack
AUX 3	Rear	300mV (-10dB*) Unbalanced 10kΩ, RCA Pin Jack
Speaker Outputs		100V, 4Ω
PRE AMP OUT		1.0V (0dB*) Unbalanced 600Ω, RCA Pin Jack
PRE AMP IN		1.0V (0dB*) Unbalanced 10kΩ, RCA Pin Jack
REC OUT		1.0V (0dB*) Unbalanced 600Ω, RCA Pin Jack
Phantom Power		DC + 21V (MIC1)
Noise Level (S/N)		More than 80dB at All Volume control full CCW
		More than 50dB at All Volume control full CW
Output Regulation		Less than 3dB 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 Controls
	Front	1 Master Controls
	Front	1 Power ON/OFF Switch
Tone Controls		Bass : ±10dB at 100Hz, Treble : ±10dB at 10 kHz
Indicators		1 LED Signal, 1 LED Peak, 1 LED Power ON
Ambient Temperature		0° C to $+40^{o}$ C
Dimensions		420 (W) x 144 (H) x 361 (D) in mm
Weight		13 kg
Finish	Front panel	Aluminum, Gray
	Case	Steel plate, Gray

* Specifications are measured on 220V AC
* The design and specifications are subject to change without notice for improvement

ZA-2248S-AS

SPECIFICATIONS

* 0 dB = 1V

Power Supply		AC : 220V, 50/60 Hz ; 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 ±3db - 20,000Hz ±5dB
Distortion		Less than 1% THD at 1kHz, 1/3 rated output power
Inputs (sensitivity, Impedance, Connector)		
MIC 1	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack, Echo
MIC 2	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
MIC 3	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
MIC 4	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
MIC 5	Rear	1.0mV (-60dB*) Balanced 600Ω, Phone Jack
AUX 1	Rear	300mV (-10dB*) Unbalanced 10kΩ, RCA Pin Jack
AUX 2	Rear	300mV (-10dB*) Unbalanced 10kΩ, RCA Pin Jack
AUX 3	Rear	300mV (-10dB*) Unbalanced 10kΩ, RCA Pin Jack
Speaker Outputs		100V, 4Ω
PRE AMP OUT		1.0V (0dB*) Unbalanced 600Ω, RCA Pin Jack
PRE AMP IN		1.0V (0dB*) Unbalanced 10kΩ, RCA Pin Jack
REC OUT		1.0V (0dB*) Unbalanced 600Ω, RCA Pin Jack
Phantom Power		DC + 21V (MIC1)
Noise Level (S/N)		More than 80dB at All Volume control full CCW
		More than 50dB at All Volume control full CW
Output Regulation		Less than 3dB 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 Controls
	Front	1 Master Controls
	Front	1 Power ON/OFF Switch
Tone Controls		Bass : ±10dB at 100Hz, Treble : ±10dB at 10 kHz
Indicators		1 LED Signal, 1 LED Peak, 1 LED Power ON
Ambient Temperature		0° C to $+40^{o}$ 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

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TOA Indonesia

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