

DS-QAE1A240G1-B4 **240W 4-Zone Network Amplifier**



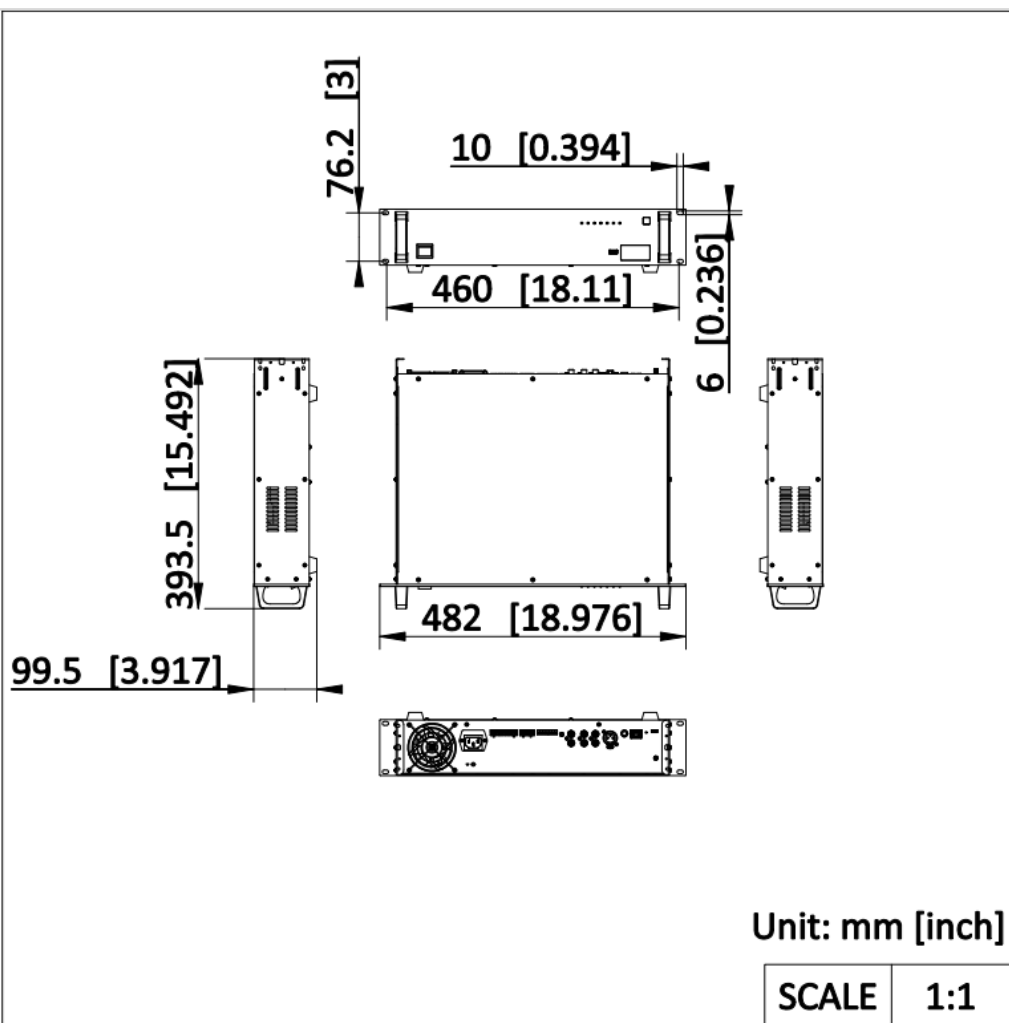
- Rated Power: 240 W, 4 Zones
- Audio input: USB/Bluetooth/MIC/RCA
- Support 4-channel zone volume independent control
- Support schedule/live/emergency broadcast, alarm linkage, TTS
- Supports resumes playback after power failure, and enables audio material library management.
- When the main MIC is inserted, other MICs are muted
- Supports EVAC and can connect to fire alarm devices
- Supports overall, treble, and bass volume adjustment
- Supports FM radio broadcast audio source playback, supports URL network audio source playback, supports connecting to a volume controller for volume control adjustment

▪ Specification

Protocol	
Network Protocol	IPv4, HTTP, HTTPS, SIP, SSL/TLS, DNS, NTP, TCP, IGMP, ICMP, DHCP, ARP, SSH
Interface Protocol	ISAPI, ISUP, SIP, OTAP
Function	
Audio Bit Rate	G.711ulaw (64 Kbps)/G.711alaw (64 Kbps)/MP3 (128 Kbps)/AAC (128 Kbps)
Protection Function	short circuit protection, overcurrent protection, over temperature protection, anti-static electricity protection, surge protection, electrical shock protection
Functions	
Other	TTS Supports multi-language: Russian, English, Spanish, Japanese, Thai, Portuguese (Brazil), Korean, French, Italian, and Arabic
Audio	
Rated Power	240W
Frequency Response	100 V COM: 100 to 16000 Hz (± 3 dB) RCA Out/3.5 mm out: 100 to 20000 Hz (± 1 dB)
THD and SNR	THD: $\leq 2\%$ 80~16K , 90% Load $\leq 0.3\%$ 1KHz , 90% Load SNR: >85 dB
Interface	
Alarm	1 EVAC alarm input 2 alarm inputs 1 alarm output, when the output device connected to the alarm output is normally closed, connect: 1A GND; when the output device connected to the alarm output is normally open, connect: 1B GND.
Network Interface	1 RJ45 10 M/100 M adaptive Ethernet port
Local Storage	Built-in 4 GB EMMC (Audio file storage is 1 GB.)
Audio In	MIC 1 : XLR -25.7dBu(40mVrms) MIC 2 : 6.35 mm -25.7dBu(40mVrms) RCA in 1~2 : RCA pin 0dB(1Vrms) USB 2.0 $\times$ 1 Bluetooth Note: 1、 XLR supports switching phantom power on/off via a web interface 2、 6.35mm jack supports dynamic microphones 3、 The 6.35 mm interface does not support floating/unconnected usage.
Audio Out	100V fixed voltage output $\times$ 4: Each channel supports a maximum output of 240 W RCA out: 0 dBV, unbalanced, RCA pin jack 3.5mm out: 0 dBV, unbalanced, 3.5 mm jack General output interface: 100 V/70 V/4 to 16 Ω

LED Indicator	Power Indicator: White solid light indicates normal operation. USB Indicator: White solid light indicates USB mode. Bluetooth Indicator: Blue solid light indicates Bluetooth mode. EVAC Indicator: Red solid light indicates the EVAC function is triggered. Module Indicators: PROT (Red) solid light indicates system faults such as overload. CLIP (Yellow) solid light indicates abnormalities such as clipping. SIG (Green) solid light indicates normal operation. Network Indicator: Green solid light indicates normal network communication; Red solid light indicates no connection or network communication failure.
USB	USB 2.0. File format: FAT32 and EXFAT, maximum capacity: 256 GB. FAT32 formatted USB drive: maximum capacity of a single partition is 32 GB EXFAT formatted USB drive: Maximum capacity of a single partition is 256 GB
FM	Support Note: This product does not include an FM antenna accessory upon shipment and requires an additional order. During FM antenna installation, avoid contact with other cables and place it in an area with good reception. The default length of the ordered antenna is 1m. If an extension cable is needed, it is recommended to use RG58 coaxial cable.
General	
Power	200 to 230 VAC, 50/60 Hz, 7 A
Material	Metal
Dimension	482 mm × 394 mm × 100 mm (18.98" × 15.51" × 3.94")
Package Dimension	545 mm × 456 mm × 175 mm (21.46" × 17.95" × 6.89")
Weight	Approx. 9 kg (19.84 lb.)
With Package Weight	Approx. 10.5 kg (23.15 lb.)
Color	Black
Packing List	Device × 1 Power Cord × 1 Regulatory Compliance and Safety Information × 1
Bluetooth	Bluetooth 4.2, 10 m
Operating Temperature	-10 °C to 50 °C (-14 °F to 122 °F)
Operating Humidity	< 90% (No condensation)
Power Consumption	Standby Consumption: 8 W
Environment	This device can only be safely used in the region below 3,000 meters above the sea level

▪ Dimension



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