IP REMOTE MICROPHONE IP-A1RM(Y)

■DESCRIPTION

The IP-A1RM is an IP remote microphone which is designed to make audio broadcasts to IP-A1 series receiving devices via network. It achieves clear microphone announcements without distortion thanks to its bulit-in compressor effect. It allows both individual and group broadcast so that single or multiple IP-A1 series receiving device(s) can receive the audio as flexible PA operation. Key button operation controls a variety of functions such as internal audio file playback, HTTP command set transmission and physical control outputs to control external devices.

■SPECIFICATIONS

Power Source	PoE(IEEE802.3af Class 3)
Power Consumption	3.5 W
Audio Transmission Method	SIP broadcasting: Unicast Audio Streaming Group broadcasting: Multicast Audio Streaming
Audio Codec	PCMU (G.711u), PCMA (G.711a), G.722
Network I/F	100BASE-TX, Auto MDI/MDI-X, RJ45
Netowork Protocol	TCP/IP, UDP, HTTP, RTP, RTCP, ARP, ICMP, NTP, SIP (RFC3261)
Microphone	Unidirectional electret condenser microphone (With microphone indicator and microphone volume control)
AUX Input	1 channel, unbalanced, 10 kΩ LINE/MIC selectable (Rated input: LINE: 0 dB (*1), MIC: −60 dB (*1)) PAD function (−20 dB (*1)), AUX volume adjustable, ø3.5 mm mini jack
Monitor Speaker	Cone-type speaker, Speaker volume adjustable, Rated Output: 1 W
Control Input	2 channel, no-voltage make contact inputs, open voltage: 5V DC, short-circuit current: 2 mA or less, push-in terminal block
Mute Control Input	1 channel, 24 V DC cut signal, control current: 5 mA or less, push-in terminal block
Control Output	1 channel, open collector output, withstand voltage: 30 V DC, control current: 10 mA or less, push-in terminal block
Operation	Operation key: TALK, HOME, REC, MONITOR, SHIFT/KEY LOCK Function key: VOLUME, RIGHT, LEFT Selection key: 0 – 9
Indicator	LCD display: 3 (255 × 160 dots) with backlight Indicator: Status indicator (green/blue/yellow/red), Microphone indicator (blue), LINK/ACT indicator (green)
Function	
Manual broadcast/ control	Manual broadcasting: Microphone broadcast, Recorded audio broadcasting, AUX input broadcast Manual control: control output, command set transmission Control trigger: key operation
Internal Message	Max. 20 messages (Max. recording capacity: 80 MB) Supported file format: WAV file: 8/16/44.1/48 kHz sampling frequency, 8/16 bit, monaural/stereo MP3 file: 32/44.1/48 kHz sampling frequency, 64 – 320 kbps, CBR/VBR, monaural/stereo Repeat playback: Playcount (1-10 times) or Duration (5-3600 sec) Interval time: 0-99 sec, Delay time: 0-99 sec Control trigger: key operation, scheduler, control input, remote API(HTTP)
Recorded audio broadcast	Audio recording and playback broadcast with the built-in microphone Max. 2 minutes, 1 message
Chime	Pre and post chime tones (applied for manual broadcast and internal audio file broadcast) Preset chime tone ×5, editable tone ×2
Scheduler	Scheduled broadcasting and control by WEB-UI (Max. schedule settings: 2000) Configurable actions: Internal message broadcast, AUX input broadcast, control output, command set transmission
Event	Execute event triggered by control input Configurable actions: Internal message broadcast, AUX input broadcast, command set transmission, broadcast disable, system mute
Command Set	20 commands can be registered in each of 10 command set
Clock Accuracy	±13 seconds per month
Time Adjustment	Manual time setting, Time adjustment by NTP server
Power Outage Protection	24 hours (RTC time retention, at +40 °C (104 °F))
Language	English/Japanese
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	ABS resin, black, paint
Dimensions	224 (W) × 47.2 (H) × 136 (D) mm (8.82" × 1.86" × 5.35") (excluding microphone)
Weight	630 g (1.39 lb)
Accessory	Zip tie ···2
Option	Wall mounting bracket: WB-RM500

(*1) 0 dB = 1 V

※ These specifications apply to the firmware version 3.0.1 or later. For the latest specifications and firmware, please refer to the TOA DATA Library (https://www.toa-products.com/international/).

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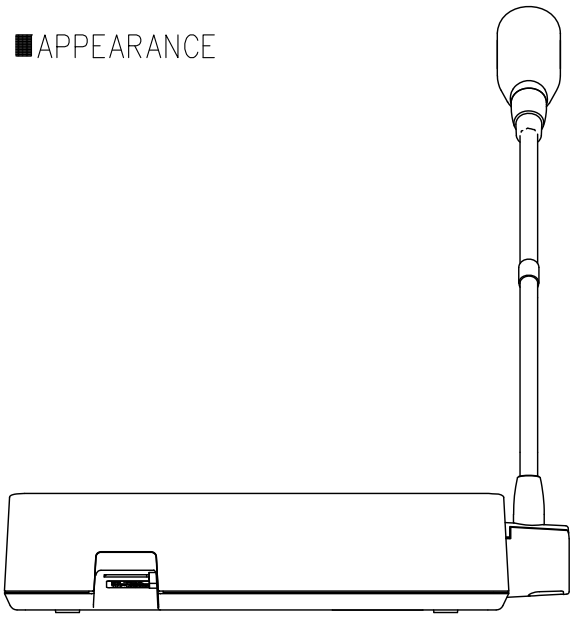
■SPECIFICATIONS

Personal Computer Requirements

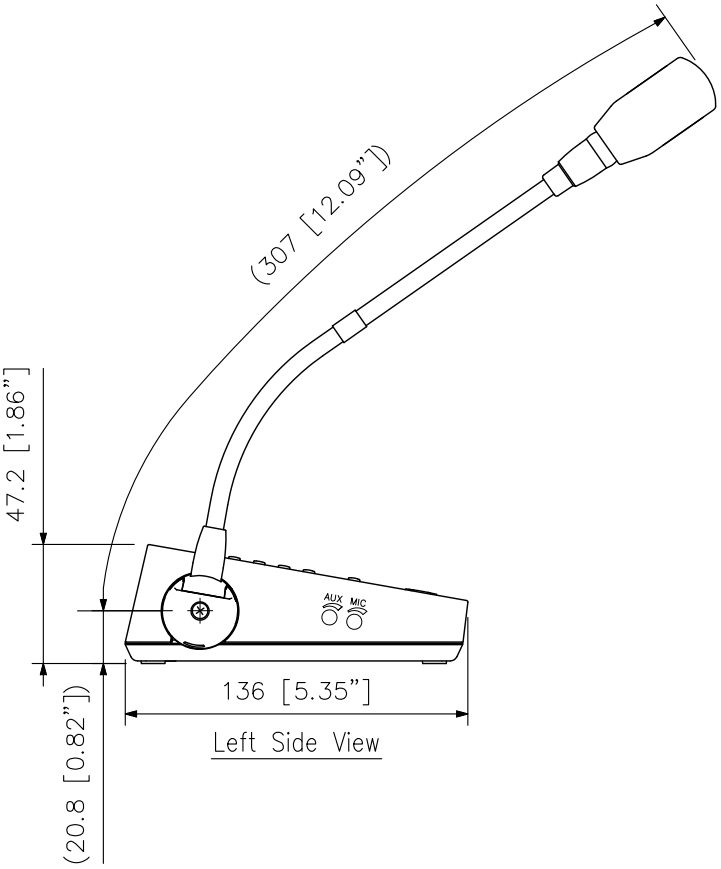
Display	Recommended resolution: 1920 × 1080
OS	Windows 10 Pro (64-bit edition) Windows 10 Home (64-bit edition) Windows 11 Pro Windows 11 Home
Required Web Browser	Google Chrome Microsoft Edge

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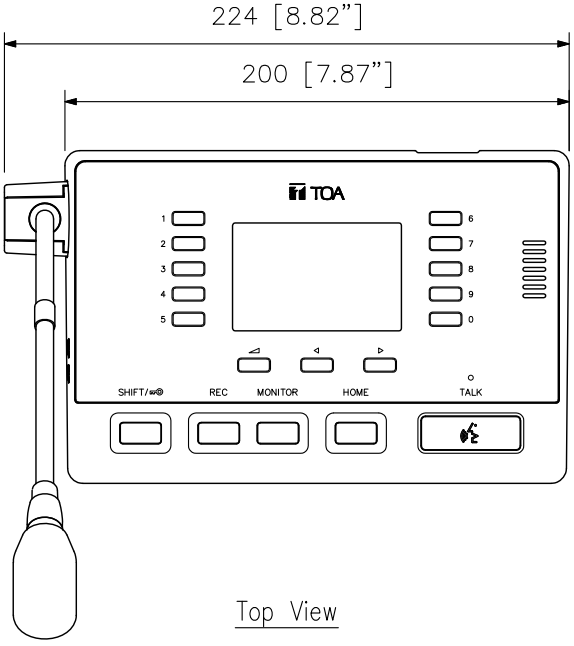
■APPEARANCE



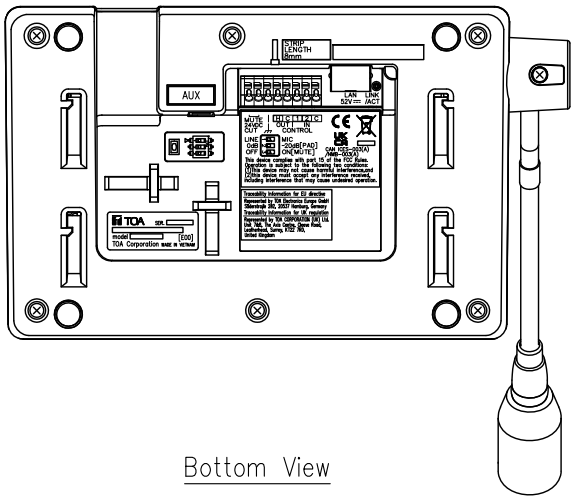
Rear View



Left Side View



Top View



Bottom View

UNIT: mm SCALE: 1/3

Note: Numerical values in parentheses are for reference only.