

RM-300X

VOIR REF RM-300X C01



The RM-300X is a remote microphone designed for the Integrated Voice Evacuation System. It is equipped with 13 function switches that can be used to select individual zones or zone groups a covered switch and corresponding indicators. The optional RM-210F Remote microphone extension permits switches and indications to be expanded in 10-piece units.

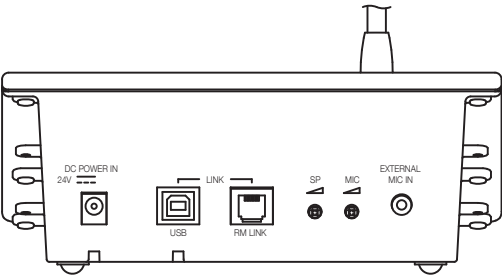
Key features

- For both emergency and general purpose broadcast
- Zone selection or all call
- PC-programmable system software permits desired functions to be assigned to individual function keys (equipped with 2 LED indicators)
- AUX Input for BGM distribution

Specifications

Power Source	24 V DC (operating range: 15 to 40 V DC, supplied from the voice evacuation frame) or DC input power supply connector (when the optional AD-246 power supply unit used). Usable DC power supply plug: 5.5 mm (0.22") outer diameter, 2.1 mm (0.08") inner diameter, 9.5 mm (0.37") long, and non-polarity type.
Operation	Function key, Emergency/all-zone emergency broadcast key, Talk key
Current Consumption	240 mA or less
Audio Output	0 dB*, 600 Ω, balanced
External Microphone Input	-40 dB*, 2.2 kΩ, unbalanced, ø3.5 mm phone jack (2P) for electret condenser microphone (phantom power supply: 3 V DC) -20 dB*, 4.7 kΩ, unbalanced, ø3.5 mm phone jack (2P) (AUX Input)
Distortion	1% or less
Frequency Response	100 Hz to 20 kHz
Signal to Noise Ratio	60 dB or more
Microphone	Unidirectional electret condenser microphone with AGC (ON/OFF selectable)
Chime	Built inside (PCM sound source), monitoring possible using monitor speaker
Level Control	Microphone sensitivity control, Monitor speaker volume control, Chime (adjustable using the software)
Maximum Cable Length	1200 m (3937.01 ft)
Connection Cable and Connector	Main line: Shielded CPEV cable (1 pair of audio wire + 1 pair of data wire + 1 pair of monitor/control wire + 1 pair of power supply wire) or Shielded Category 5 twisted pair cable (CAT5-STP) or greater Branch line: Shielded Category 5 twisted pair cable (CAT5-STP) or greater, RJ45 connector
Number of Connectable Extension Units	Max. 7 units
Monitor Speaker	Built-in type
Indicator	Power indicator, Failure indicator, Status indicator ... 10, Selection indicator ... 10, Emergency indicator, Broadcast status indicator, Microphone indicator
Operating Temperature	0 to 40 °C (32 to 104 °F)
Operating Humidity	35 to 80% RH (no condensation)
Finish	ABS resin, black, semi-gloss
Dimensions	190 (w) x 76.5 (h) x 215 (d) mm (7.48" x 3.01" x 8.46") (excluding microphone)
Weight	880 g (1.94 lb)

Dimensions



Rear View

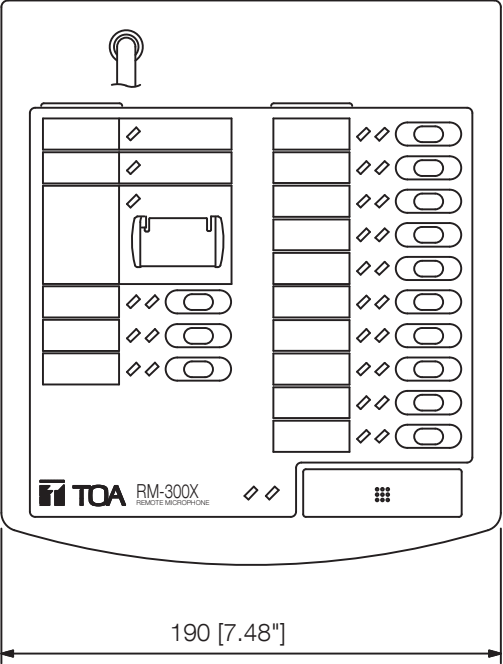
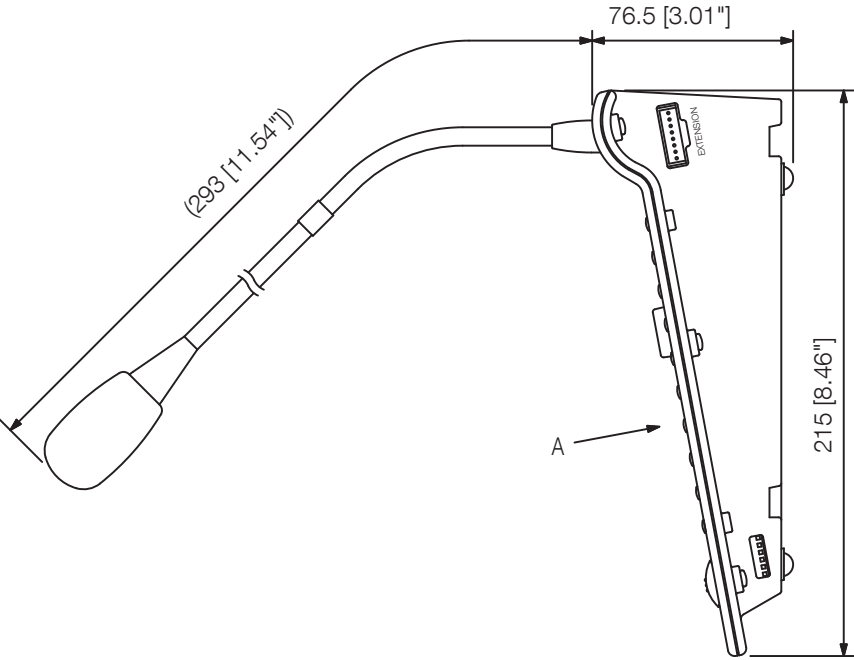


Figure as viewed from point A



Side View

UNIT:mm SCALE:1/3

Note: Numerical values in parentheses are for reference only.

A&E specifications

Elegant remote microphone in desk enclosure and with gooseneck microphone. 13 free-programmable buttons, talk-button and one button with security cover for emergency functions. Extendable to 85 buttons. The remote microphone can be used as emergency microphone due to the monitored microphone capsule. Easy operation through pre-programmed functions: -Start of a pre-programmed emergency sequence through the covered alarm button. -Manual paging to selectable areas and group call. -Choosing background music. -Activation of pre-programmed paging's of any source to any zone. -Indication of specific faults with acknowledge and reset button. When used as emergency microphone, additional functions are available: -Start, interrupt, skip and terminate of emergency messages into specific fire areas. -Lamp test. Operating-, fault- and level indication. Build-in loudspeaker to monitor the pre-programmed start/end chime if applicable. Adjustable microphone and loudspeaker level. Monitored data and audio lines as well as the pre-amplifier in accordance with EN 60849, EN54-16 and ISO 7240-16.