

DESCRIPTION

The RM-200SF is a Fireman's Microphone of the matrix system. It is equipped with an Emergency key, permitting it to be used as a remote microphone for emergency broadcast. Zone selection and microphone announcement can be made at the time of emergency broadcast. It offers a surveillance function to detect failures including microphone element failure. The RM-200SF has three function keys that can be set as individual or group selection keys, and each key is linked with the corresponding two indicators. Connecting the optional RM-210 Extension units to the RM-200SF expands the number of function keys and indicators in blocks of ten.

SPECIFICATIONS

* 0 dB = 1 V

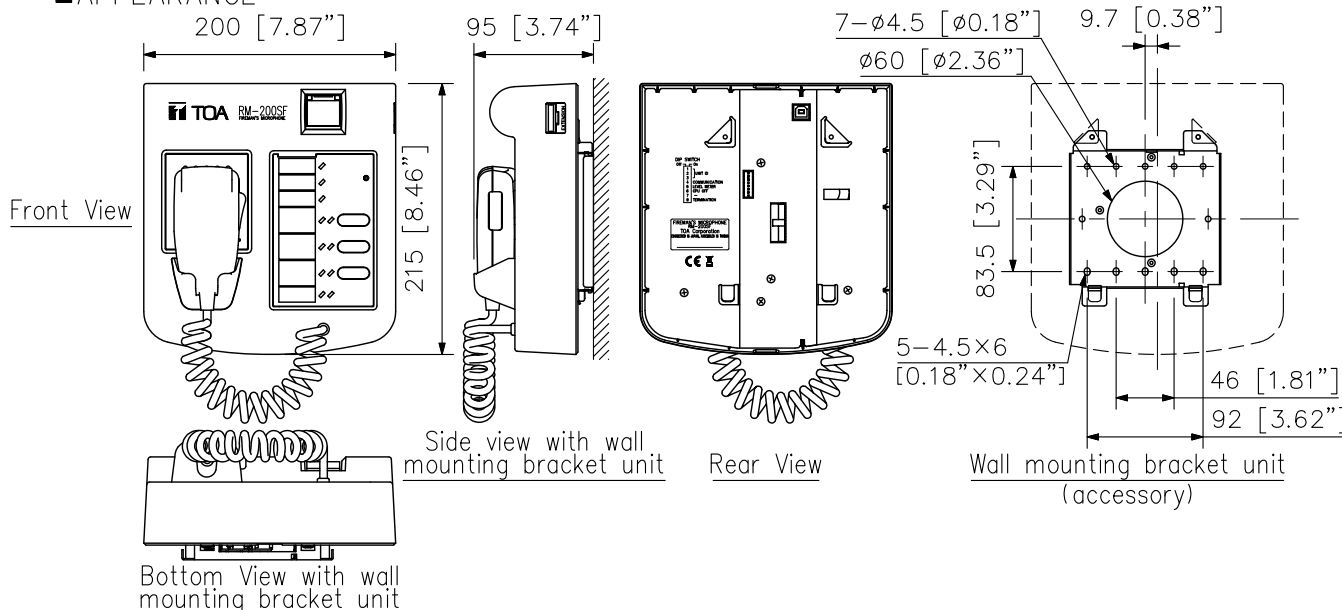
Power Source	24 V DC (operating range: 15 – 40 V DC, supplied from the SX-2000AI or SX-2100AI audio input unit)
Current Consumption	240 mA or less
Audio Output	0 dB*, transformer-balanced
Distortion	1 % or less
Frequency Response	200 Hz – 15 kHz
S/N Ratio	55 dB or more
Microphone	Unidirectional dynamic microphone with talk key, AGC (ON/OFF switchable), microphone element failure detectable by using a built-in small oscillator
Volume Control	Microphone volume control, Monitor speaker volume control
Connection Cable	Shielded CPEV cable (each one pair of audio wire, data wire, monitor/control wire, and power supply wire) or Shielded Category 5 twisted pair cable (CAT5-STP), M3 screw terminal
Maximum Cable Distance	800 m (874.89 yd)
No. of Connectable Expansion	Max. 5 units
Monitor Speaker	Built inside
Operation	Emergency key, Function keys, CPU switch, Reset switch
Indication	Status indicators, Power indicator, Failure indicator, CPU indicator, Selection indicators, Microphone indicator, Broadcast status indicator
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	35 % to 80 %RH (no condensation)
Finish	ABS resin, blueish gray (PANTONE 538 or its equivalent)
Dimensions	200 (W) × 215 (H) × 95 (D) mm (7.87" × 8.46" × 3.74")
Weight	1.48 kg (3.26 lb) (with wall mounting bracket unit)
Accessory	EMC clamp ∅1, Wall mounting bracket unit ∅1, Wall mounting screw ∅2, Box mounting screw ∅2
Option	Remote microphone extension: RM-210
Applicable Box	YS-11A

Conductor diameter of the main line cable vs. Maximum cable length

Conductor diameter	No. of extension units					
	RM-200SF only	RM-200SF + RM-210 × 1	RM-200SF + RM-210 × 2	RM-200SF + RM-210 × 3	RM-200SF + RM-210 × 4	RM-200SF + RM-210 × 5
∅0.65 mm (∅0.03")	230 (251.53 yd)	190 (207.79 yd)	170 (185.91 yd)	150 (164.04 yd)	130 (142.17 yd)	110 (120.3 yd)
∅0.9 mm (∅0.04")	460 (503.06 yd)	380 (415.57 yd)	330 (360.89 yd)	290 (317.15 yd)	260 (284.34 yd)	230 (251.53 yd)
∅1.2 mm (∅0.05")	800 (874.89 yd)	670 (732.72 yd)	570 (623.36 yd)	500 (546.81 yd)	450 (492.13 yd)	400 (437.45 yd)
CAT5-STP	140 (153.11 yd)	120 (131.23 yd)	100 (109.36 yd)	90 (98.43 yd)	80 (87.49 yd)	70 (76.56 yd)

APPEARANCE

(UNIT: m)



UNIT: mm SCALE: 1/6