

## DESCRIPTION

The RM-200SA is a remote microphone designed for the Matrix 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-210 Remote Microphone Extension permits switches and indications to be expanded in 10-piece units.

## SPECIFICATIONS

\* 0 dB = 1 V

Power Source	24 V DC (operating range: 15 – 40 V DC, supplied from the audio input unit) 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.
Current Consumption	240 mA or less
Audio Output	0 dB*, 600 Ω, balanced
External Microphone Input	-40 dB*, 2.2 kΩ, unbalanced, mini jack, for electret condenser microphone (phantom power supply: 3 V DC)
Distortion	1 % or less
Frequency Response	100 Hz – 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 built-in speaker
Level Control	Microphone sensitivity control, Monitor speaker volume control, Chime (adjustable using the software)
Connection Cable	Main line: Shielded CPEV cable (1 pair of audio wire + 1 pair of data wire + 1 pair of monitor/control wire + 1 pair of supply wire) or Shielded Category 5 twisted pair cable (CAT5-STP) Branch line: Shielded Category 5 twisted pair cable (CAT5-STP), RJ45 connector
Maximum Cable Distance	800 m (874.89 yd)
No. of Connectable Expansion	Max. 4 units
Monitor Speaker	Built inside
Operation	Function switch, Covered switch, Broadcast switch
Indicator	Power indicator, Failure indicator, Function switch indicator, Covered switch indicator, Broadcast switch 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
Dimensions	190 (W) × 76.5 (H) × 215 (D) mm (7.48" × 3.01" × 8.46") (excluding microphone)
Weight	880 g (1.94 lb)
Option	Remote microphone extension: RM-210 Terminal unit: RM-200RJ Wall mounting bracket: WB-RM200 Electret condenser microphone: WH-4000A, YP-M101, YP-M301 etc.

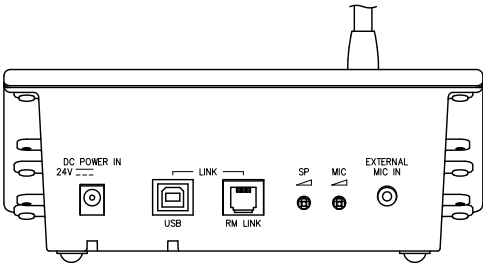
Conductor diameter of the main line cable vs. Maximum cable length (when DC power is supplied only from the SX-2100AI)

Conductor diameter \ No. of extension units	RM-200SA only	RM-210 × 1	RM-210 × 2	RM-210 × 3	RM-210 × 4
∅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)
∅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)
∅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)
CAT5-STP	140 (153.11 yd)	120 (131.23 yd)	100 (109.36 yd)	90 (98.43 yd)	80 (87.49 yd)

(UNIT: m)

UNIT: mm SCALE: 1/1

■ APPEARANCE



Rear View

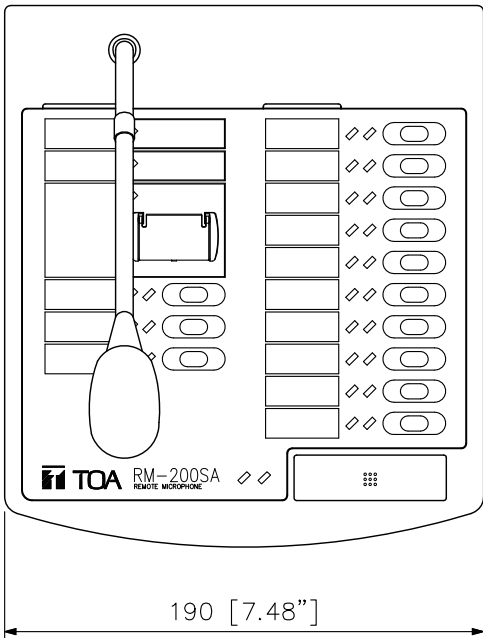
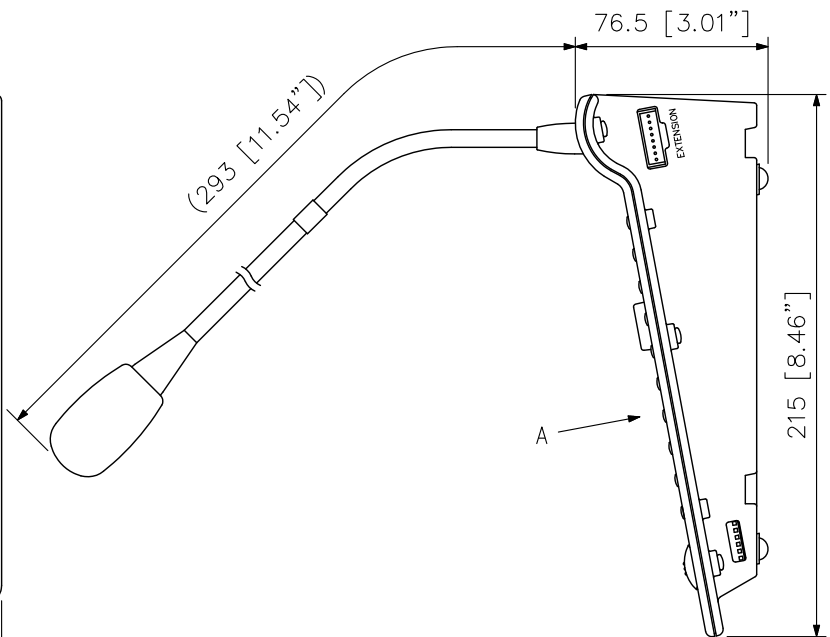


Figure as viewed from point A



Side View