

## 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.

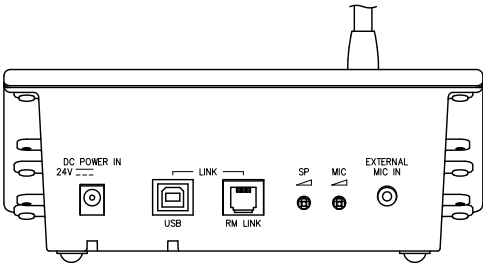
Conductor diameter of the main line cable vs. Maximum cable length (when DC power is supplied only from the SX-2100AI)

Conductor diameter \ No. of extension units	RM-200SA only	RM-210 × 1	RM-210 × 2	RM-210 × 3	RM-210 × 4
ø0.65 mm (ø0.03")	230 (251.53 yd)	190 (207.79 yd)	170 (185.91 yd)	150 (164.04 yd)	130 (142.17 yd)
ø0.9 mm (ø0.04")	460 (503.06 yd)	380 (415.57 yd)	330 (360.89 yd)	290 (317.15 yd)	260 (284.34 yd)
ø1.2 mm (ø0.05")	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

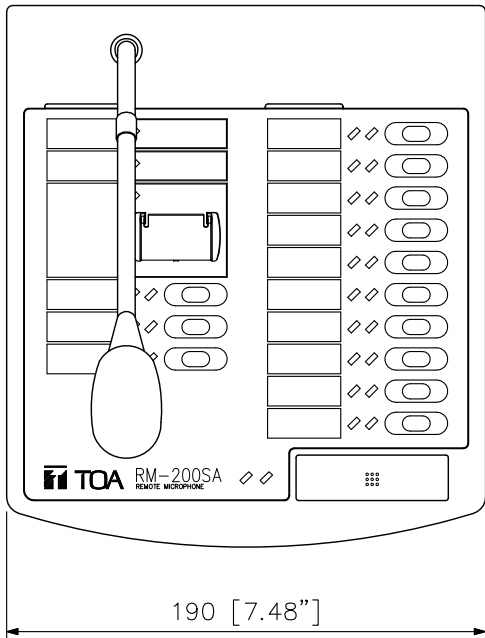
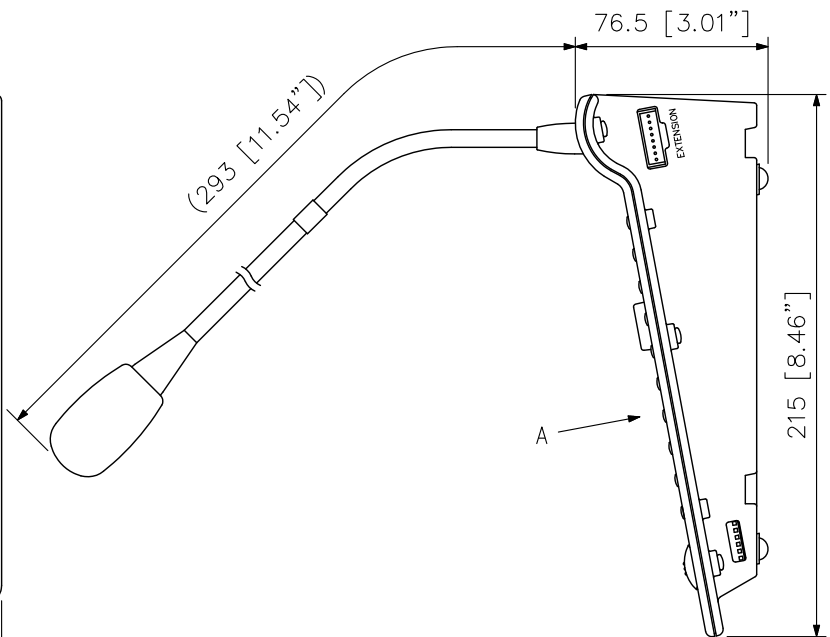


Figure as viewed from point A



Side View