



Sound Repeater EV-20R



Let it record and repeat high-quality audio files
as you programmed or being triggered.

Combinatorial A

- Dedicated file management software is sup

- Instant playback by front switch operation

System Examples

Connected to Low Impedance Speaker



Connected to High Impedance Speakers with External Amplifier



Applications



Retail Shop



Railway Station



Supermarket



Factory

Advertising

Store Closing
Announcement

Safety
Instructions

Warning Alert

Cashier-help
Paging

Kiosk Promo

Time Signal

Door Bell

Optional Accessories

MB-WT3
Rack mounting bracket
(for 1 unit)



MB-WT4
Rack mounting bracket
(for 2 units, side by side)



AD-246
AC adapter



Specifications

Power Source	Supplied from an external 24 V DC/400 mA power supply or from an optional AD-246 AC adapter
Power Consumption	10 W (rated output)
Wave Format	44.1 kHz sampling frequency, 16-bit PCM (monaural)
Frequency Response	20 Hz - 20 kHz ± 3 dB (1 kHz), 50 Hz - 14 kHz ± 3 dB (IT-450 mounted, 1 kHz)
Distortion	1 % or less (1 kHz, rated output)
Recording Control	USB data transfer or analog recording
Control Input	Play 1 - 4, stop : No-voltage make contact input, pulse make length : 200 ms, open voltage: 30 V DC, short-circuit current : 10 mA removable terminal block (22 pins)
Control Input	Busy : Contact capacity: 30 V DC/0.5 A, removable terminal block (22 pins)
Input	Input / Recording input : Mic: -60 dB(*1), 2.2 k Ω / Line: -20 dB(*1) 10 k Ω , (Mic/Line changeable), unbalanced, phone jack Line input : 0 dB(*1), 10 k Ω , unbalanced, removable terminal block (22 pins)
Output	Line output : 0 dB*, 600 Ω , unbalanced, removable terminal block (22 pins) Headphone output : 0 dB(*1), 100 Ω , unbalanced, phone jack Speaker output : 3 W, 8 Ω , removable terminal block (22 pins)
LED Indicator	POWER, USB, START/STOP 1 - 4
Maximum No. of Messages	4 Pre-recorded audio data: Message 1, Westminster chime(*2) Message 2, Ascending 4-tone chime(*2) Message 3, Descending 4-tone chime(*2) Message 4, None Note: The above audio sources can be overwritten by using the supplied software.
Maximum Recording Time	6 min
Message Delay Time	0, 2 s or 4 s (selectable)
Playback Interval Time	∞ , 0, 5 s, 10 s, 30 s, 1 min, 5 min, 10 min, 30 min or 1 h (selectable)
Operating Temperature	0 °C to 40 °C
Operating Humidity	90 %RH or less (no condensation)
Finish	Case : ABS resin, black
Dimensions	210 (W) x 44.2 (H) x 181 (D) mm (excluding projection)
Weight	730 g
Accessory	CD-ROM (USB data transfer software and sample chimes recorded) ...1, Unbalanced-phone plug...1, USB cable (1 m)...1, Removable terminal plug (22 pins)...1, Rubber foot...4
Option	Rack mounting bracket: MB-WT3 (for rack mounting one EV-20R unit), MB-WT4 (for rack mounting two EV-20R units) AC Adapter: AD-246

(*1) 0 dB = 1 V

(*2) These audio sources are also contained in supplied CD-ROM as sample audio data.

* Line input and Line output can be converted to balanced type using an optional IT-450 transformer.

USB Data Transfer Software Operation Environment

Personal Computer	Windows PC (equipped with USB terminal)
Main Specifications	CPU Pentium 4, 2 GHz or greater Memory: 2 GB or more Free disk space: 10 MB or more (space for message storage excluded) Optical Drive: CD-ROM drive
OS	Windows 7 Professional (32/64-bit) Windows 8.1 Pro (64-bit) Windows 10 Pro (64-bit)

* Pentium is a trademark of Intel Corporation.

* Windows is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

* Other company names and products are also trademarks of individual companies.