

# TOA EV-20R



## DIGITAL MESSAGE PLAYER

The **EV-20R** is a convenient message broadcast player. Up to 4 types of messages (6 minutes total time) can be recorded and played back. The USB port facilitates recording by transferring the supplied sound sources from a PC to the unit. The unit's small built-in amplifier enables small-scale broadcasts through a simple speaker connection.



### Specification:

Power Source	Supplied from an external 24 V DC/400 mA power supply
Power Consumption	10 W (rated output)
Wave Format	44.1 kHz sampling frequency, 16-bit PCM (monaural)
Frequency Response	20 Hz - 20 kHz $\pm$ 3 dB (1 kHz)
Distortion	1 % or less (1 kHz, rated output)
Recording System	USB data transfer or analogue recording
Control Input	Play 1-4, stop: No-voltage make contact input, pulse length: 200 ms, open voltage: 30 V DC, short-circuit current: 10 mA
Control Output	Busy: Contact capacity: 30 V DC/0.5 A, removable terminal block
Input	Recording input: Mic: -60 dB, 2.2 k $\Omega$ / Line: -20 dB(*1), 10 k $\Omega$ , (Mic/Line changeable), unbalanced, phone jack Line input: 0 dB, 10 k $\Omega$ , unbalanced, removable terminal block
Output	Line output: 0 dB(*1), 600 $\Omega$ , unbalanced, removable terminal block Headphone output: 0 dB(*1), 100 $\Omega$ , unbalanced, phone jack Speaker output: 3 W, 8 $\Omega$ , removable terminal block (22 pins)
LED Indicator	POWER, USB, START/STOP 1-4
Maximum No. of Messages	4
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 $^{\circ}$ C to +40 $^{\circ}$ C
Operating Humidity	90 %RH or less (no condensation)
Finish	Case: ABS resin, black
Dimensions	210 (W) $\times$ 44.2 (H) $\times$ 181 (D) mm (excluding projection)
Weight	730 g