TOA

DIGITAL ANNOUNCER EV-700(W)

■DESCRIPTION

The EV-700 is a digital announcing machine capable of recording/playback. It is ideal for periodical, attention calling, and guide broadcasts uses in commercial and public facilities. Using the Setting Software makes it easy to perform sound source rewriting, settings, and controls.
Preset sound sources like chime sound and Westminster chime are stored on the supplied memory card.
The EV-700 can be mounted in an EIA-Standard equipment rack with the optional rack mounting bracket (1U size).

■SPECIFICATIONS

Power Source	Supplied from an external 24 V DC/400 mA power supply, Removable terminal block (2 pins) or from an optional AD-246 AC adapter
Power Consumption	10 W
Wave Format	44.1 kHz/32 kHz sampling rate, 16 bits PCM, WAV file (monaural)
Sound Source Rewriting Method	LAN data transfer/Analog recording/ Direct write to memory card using the setting software
Audio Input	MIC: −55 dB (∗1) (microphone input volume control in maximum position), 600 Ω, unbalanced, ø6.3 phone jack (2P) LINE (rear): −20 dB (∗1) (line input volume control in maximum position), 10 kΩ, unbalanced, Removable terminal block (12 pins) LINE (front): −29 dB (∗1) (line input volume control in maximum position), 10 kΩ, unbalanced, RCA pin jack
Audio Output	LINE 1, 2: 0 dB (∗1), 600 Ω, unbalanced, Removable terminal block (12 pins) Headphone: 0 dB (∗1), 100 Ω, monaural, ø3.5 mini jack (3P)
Frequency Response	20 Hz – 20 kHz ±3 dB (1 kHz) 50 Hz – 14 kHz ±3 dB (IT-450 mounted, 1 kHz)
Distortion	0.3 % or less (1 kHz, rated output)
Storage Media	Compatible with CompactFlash™ specification Memory card
Number of Mountable Memory cards	2 (1 Memory card containing preset sound sources is supplied.) Backup operation available when 2 cards are mounted.
Number of Recordable Phrases	32768
Maximum Recording Time	About 3 hours (at 44.1 kHz sampling rate) or about 4 hours (at 32 kHz sampling rate)
Audio Output Method	Single channel monaural
Number of Playback Program	Direct mode: 16 programs Binary mode: 256 programs 1 emergency message takes precedence over the above programs and is played back. R.E.M. (Recording Endless Message) playback (∗2) can be performed.
Control Input	Activations 1 – 16, playback, stop, recording, erasure/clear, emergency playback, emergency recording, emergency stop No-voltage make contact input, pulse make length: 50 ms or more, open voltage: 30 V DC, short-circuit current: 10 mA, Removable terminal block (12 pins, 16 pins)
Control Output	Shorting outputs 1 – 8 (busy), Error: contact capacity: 30 V DC, 0.5 A, Removable terminal block (8 pins)
Network	
Network I/F	100BASE-TX
Network protocol	TCP/IP, UDP, HTTP, FTP
Connector	RJ45 connector
Operating Display	7-segment LED, 5 digits
Operating Temperature	0 °C to +40 °C (32 °F to 122 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Panel: Aluminum, black, 30 % gloss, paint Case: Pre-coated steel plate, black, 30 % gloss
Dimensions	420 (W) × 44 (H) × 222 (D) mm (16.54" × 1.73" × 8.74")
Weight	2.4 kg (5.29 lb)
Accessory	Memory card (1 GB, Containing prerecorded audio files) ···1, Rubber foot ···4, Removable terminal plug (2 pins) ···1, Removable terminal plug (8 pins) ···2, Removable terminal plug (16 pins) ···2, Removable terminal plug (12 pins) ···2, Front cover fixing screw ···2
Option	AC adapter: AD-246 Rack mounting bracket: MB-15B

(∗1) 0 dB = 1 V
(∗2) An emergency broadcast function that repeatedly plays the sound source recorded on the spot with the highest priority in case of an emergency situation.
※ Download the EV-700 setting software from the TOA Product Data download site
http://www.toa-products.com/international/
※ Line output can be converted to balanced type using an optional IT-450 transformer.
※ CompactFlash is a trademark of SanDisk Corporation.

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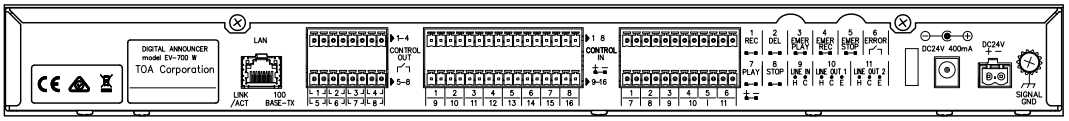
■SPECIFICATIONS

Personal Computer Requirements

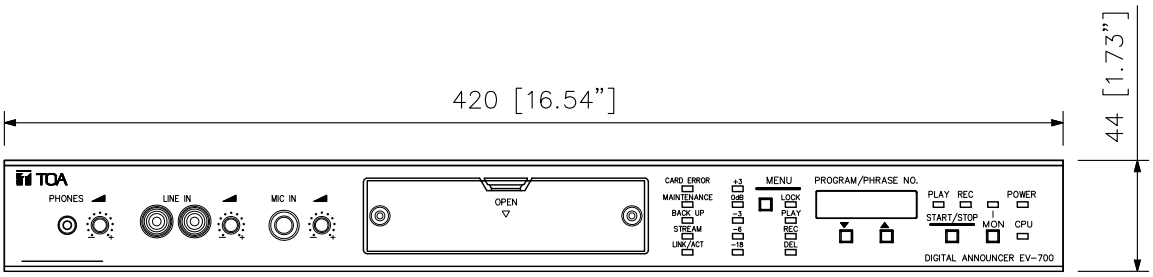
Hardware	CPU: 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor Memory: 1 GB or more RAM (for 32-bit CPU) or 2 GB or more RAM (for 64-bit CPU) Free Hard Disk Space: 10 MB or more (excluding the storage space for sound sources) Display: 1280 × 768 resolution or higher
OS	Windows 7 Professional (32/64-bit edition) Windows 7 Home Premium (32/64-bit edition) Windows 8.1 Pro (32/64-bit edition) Windows 8.1 Enterprise (32/64-bit edition) Windows 10 Pro (32/64-bit edition) Windows 10 Home (32/64-bit edition)

※ 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.

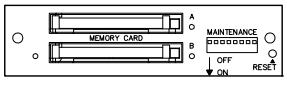
■APPEARANCE



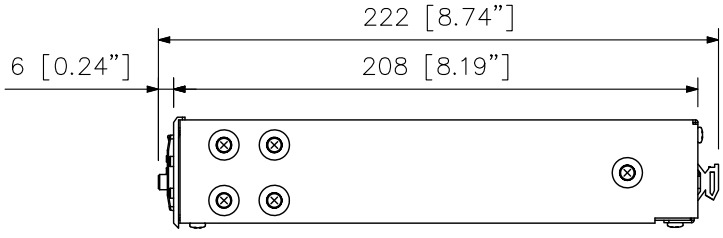
Rear View



Front View



Inside of a front cover



Side View

UNIT: mm SCALE: 1/3

TOA Corporation

DWG No: GEV01CC1