

DESCRIPTION

TOA's EV-350R Digital Announcing Machine features a maintenance-free design, and permits both recording and playback using the memory card. It can be mounted in an EIA Standard equipment rack.

SPECIFICATIONS

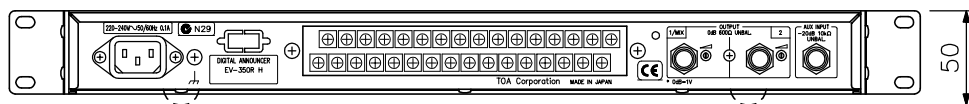
* 0 dB = 1 V

| | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Source | 220 - 240 V AC, 50/60 Hz 0.1 A or 24 V DC 0.4 A |
| Power Consumption | 12 W |
| Output | Outputs 1,2: 0 dB*, 600 Ω, unbalanced, phone jack, M3.5 screw terminal Headphone output: 0 dB*, 100 Ω, unbalanced, phone jack |
| Input | Microphone: -55 dB*, 600 Ω, unbalanced, phone jack AUX: -20 dB*, 10 kΩ, unbalanced, phone jack/RCA pin jack |
| Frequency Response | 20 - 20,000 Hz ±3 dB (44.1 kHz sampling) 20 - 14,000 Hz ±3 dB (32 kHz sampling) 50 - 20,000 Hz ±3 dB (44.1 kHz sampling, IT-450 mounted) 50 - 14,000 Hz ±3 dB (32 kHz sampling, IT-450 mounted) |
| Distortion | Under 0.3% (44.1 kHz, recording method: Extremely High) |
| No. of Mountable Memory Card | 2 (Ports A-B) (option) |
| No. of Recording Sentence | When 1 card is installed: 128 or 512 (changeable) When 2 cards are installed: 256 or 1024 (changeable) 1 emergency sentence, other than the above sentences, can be recorded. When recorded by a control input: 8 (direct mode) or 256 (binary mode) (changeable) |
| Recording Sound Quality | Sampling frequency: 32 kHz, 44.1 kHz Recording grade: Long (bit rate: 64 kbps), Normal (bit rate: 96 kbps), High (bit rate: 128 kbps), Extremely High (bit rate: 192 kbps) |
| Recording Time (When recording 128 sentences) | EV-CF128M Long: 4 h 26 min 46 s, Normal: 2 h 57 min 50 s, High: 2 h 13 min 23 s, Extremely High: 1 h 28 min 55 s |
| Playback Mode | Single- and dual-source playback (changeable) |
| No. of Playback Program | Direct control: 8 programs or Binary control: 256 programs 1 emergency message takes precedence over the above programs and is played back. |
| Control Input | Activations 1-8, playback, pause 1, pause 2, emergency, recording, erasure/clear: No-voltage make contact input, pulse make length: over 50 ms, open voltage: 30 V DC, short-circuit current: 10 mA, M3.5 screw terminal RS-232C terminal: D-sub connector (9 pins, male) |
| Control Output | Shorting outputs 1,2, Error: M3.5 screw terminal, contact capacity: 30 V DC, 0.5 A |
| Operating Display | LCD with backlight (16 characters × 2) |
| Operating Temperature | 0°C to +50°C |
| Operating Humidity | Under 90%RH (must be free from dew condensation) |
| Finish | Panel: Aluminum, black, 30% gloss, paint Case: Surface treated steel plate, black, 30% gloss |
| Dimensions | 482 (W) × 44 (H) × 315 (D) mm |
| Weight | 4 kg |
| Accessory | Power cord.....1, Unbalanced-phone plug cord (2 m).....2, Rubber foot.....4, Rack mounting screw.....4, Rack mounting washer.....4, Rack mounting bracket (pre-fixed to the unit).....2 |
| Option | Memory card: EV-CF128M |

- [NOTE] (1) The sentence refers to recording data for one recording unit. Programs are created by combining the sentences and are played back.
 (2) Phone jack outputs 1 and 2 can be converted to balanced type using an optional IT-450 transformer.
 (3) Distance between barriers on the above screw terminals: 8.2 mm

APPEARANCE

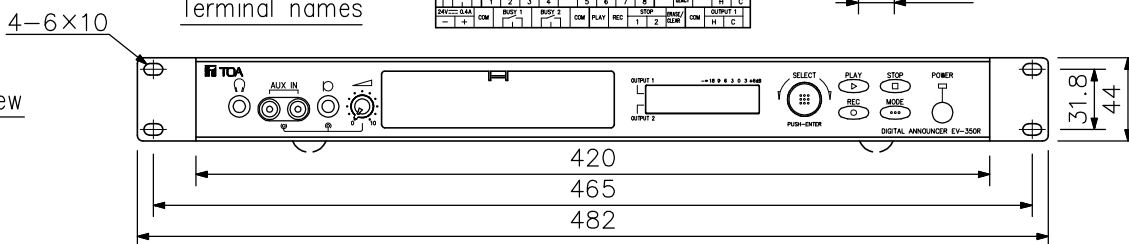
Rear panel without a terminal block cover



Terminal names

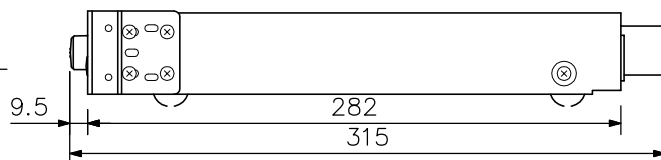
| GROUP | START/BINARY | CON | START/BINARY | CON | RECORD | CON | OUTPUT 2 |
|-------|--------------|-----|--------------|-----|--------|-----|----------|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 |
| 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 |
| 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 |
| 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 |
| 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 |
| 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 |
| 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 |
| 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 |
| 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 |
| 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 |
| 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 |
| 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 |
| 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 |
| 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 |
| 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 |
| 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 |
| 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 |
| 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 |
| 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 |
| 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 |
| 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 |
| 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 |
| 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 |
| 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 |

Front View



Inside of a front cover

Side View



UNIT: mm SCALE: 1/4