

## DESCRIPTION

The ER-1000 is a compact, lightweight, hands-free portable public address system with a rated power output of 6 W (9 V DC when used with six AA-type batteries).

The system can be wrapped snugly around the waist and using the supplied headset microphone allows both hands to remain free, making it ideal for such applications as conducting factory tours, directing traffic, instructing in sports facilities, and security-and-safety-related applications.

## SPECIFICATIONS

(\*1) 0 dB = 1 V

|                       |                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Source          | Alkaline battery (LR6): 6 pieces (9 V DC) or 4 pieces(*2) (6 V DC)<br>Rechargeable nickel metal hydride (Ni-MH) battery (HR15/51): 6 pieces (7.2 V DC) or 4 pieces(*2) (4.8 V DC)<br>Black manganese battery (R6PU): 6 pieces (9 V DC) or 4 pieces(*2) (6 V DC)                                                                                       |
| Output                | 6 W (rated) and 10 W (max) when 6 AA batteries (9 V DC) are used.<br>3 W (rated) and 4 W (max) when 4 AA batteries(*2) (6 V DC) are used.                                                                                                                                                                                                             |
| Battery Life          | Voice operation(*3): Approx. 8 hours (when 6 or 4(*2) alkaline batteries are used)<br>AUX stereo input operation (music reproduction)(*4):<br>Approx. 4.5 hours (when 6 or 4(*2) alkaline batteries are used)<br>Approx. 5.5 hours (when 6 or 4(*2) Ni-MH batteries are used)<br>Approx. 3 hours (when 6 or 4(*2) black manganese batteries are used) |
| Audible Range(*5)     | Voice operation: Approx. 80 m (87.49 yd) (when 6 alkaline batteries or Ni-MH batteries are used)<br>Approx. 40 m (43.74 yd) (when 4(*2) alkaline batteries or Ni-MH batteries are used)<br>Note: The audible range when black manganese batteries are used is approximately 80 % of each of the above mentioned distances.                            |
| Frequency Response    | 300 Hz – 14 kHz (deviation: –26 dB)                                                                                                                                                                                                                                                                                                                   |
| Headset Microphone    | Ear-on type, electret condenser microphone, sensitivity: –47 dB (0 dB = 1 V/1 Pa, 1 kHz)                                                                                                                                                                                                                                                              |
| Input                 | MIC: –30 dB(*1), 3 kΩ, Ø3.5 (0.14") monaural mini-jack, phantom power supply<br>AUX(*6): –10 dB(*1), 2 kΩ, Ø3.5 (0.14") stereo mini-jack (supporting monaural applications(*7))                                                                                                                                                                       |
| Belt Length           | 55 – 120(*8) cm (1.80 – 3.94(*8) ft)<br>90 – 160(*9) cm (2.95 – 5.25(*9) ft) (when wearing a extension belt (accessory))                                                                                                                                                                                                                              |
| Operating Temperature | 0 °C to +40 °C (32 °F to 104 °F)                                                                                                                                                                                                                                                                                                                      |
| Finish                | Front case: ABS resin, light grayish purple<br>Rear case: ABS resin, dark grayish purple<br>Grille: Surface-treated steel plate, dark grayish purple, paint<br>Belt: Elastic rubber, black                                                                                                                                                            |
| Dimensions            | 133 (W) × 96 (H) × 222 (D) mm (5.24" × 3.78" × 8.74") (belt excluded)                                                                                                                                                                                                                                                                                 |
| Weight                | Main PA unit (belt included, batteries excluded): 480 g (1.06 lb)<br>Headset microphone: 50 g (0.11 lb)<br>Extension belt: 40 g (1.41 oz)                                                                                                                                                                                                             |
| Accessory             | Headset microphone (with headband and wind screen) ---1,<br>Belt (attached to the main PA unit) ---1, Extension belt ---1, Battery spacer ---2                                                                                                                                                                                                        |

(\*2) When the supplied battery spacers are used.

(\*3) Battery life during voice output usage represents the period of time when the Personal PA System is continuously used with the volume control set to a position that does not cause feedback.  
Reference standard: JEITA (Japan Electronics and Information Technology Industries Association) TT-4501B

(\*4) Battery life during AUX stereo input represents a value actually measures when music is continuously reproduced with a commercial audio player connected to the auxiliary (AUX) input terminal. It varies depending on the connected external equipment's volume output or the type of music source.

(\*5) Audible range is measured on a quiet street with the Personal PA System loaded with fresh batteries. Range varies depending on surrounding environmental conditions, such as battery consumption, ambient noise levels, wind direction and obstacles. (Reference standard: JEITA TT-4501B)

(\*6) Adjust the volume of the auxiliary (AUX) input at the connected external device.

(\*7) Volume during monaural operation is smaller than during stereo operation.

(\*8) The 120 cm (3.94 ft) length is when the Belt is stretched out to its maximum extent. When worn, consider a Belt length of 100 cm (3.28 ft) (of waist size when clothes are worn) as a rule-of-thumb standard.

(\*9) The 160 cm (5.25 ft) length is when the Belt is stretched out to its maximum extent. When worn, consider a Belt length of 150 cm (4.92 ft) (of waist size when clothes are worn) as a rule-of-thumb standard.

Note: Prepare batteries separately, as they are not supplied with the product.

■ APPEARANCE

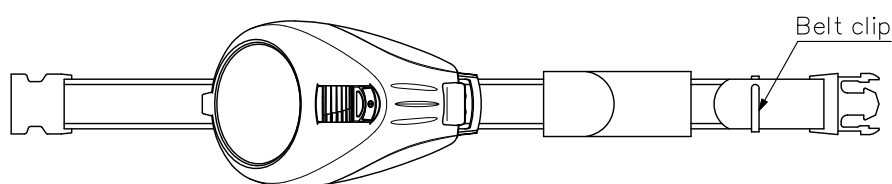
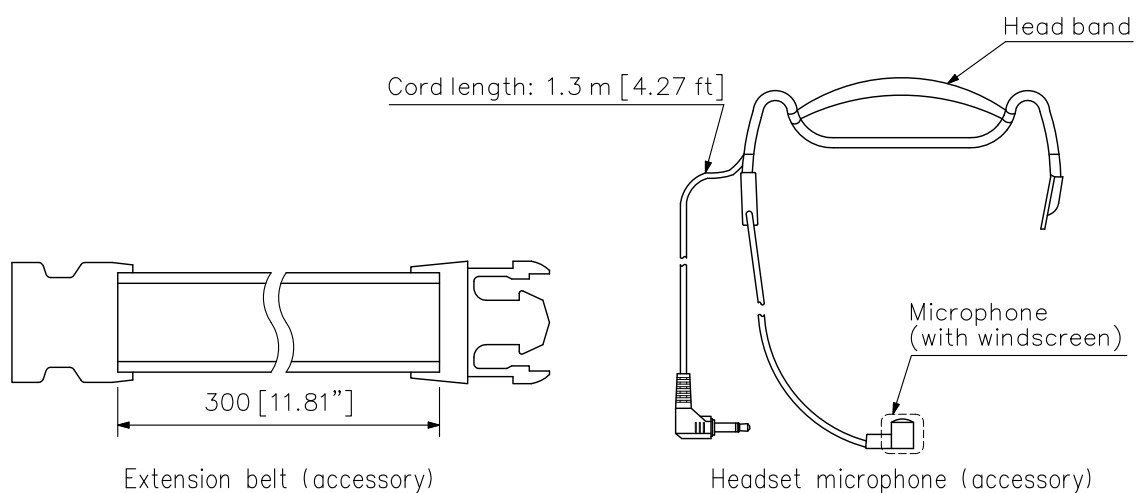
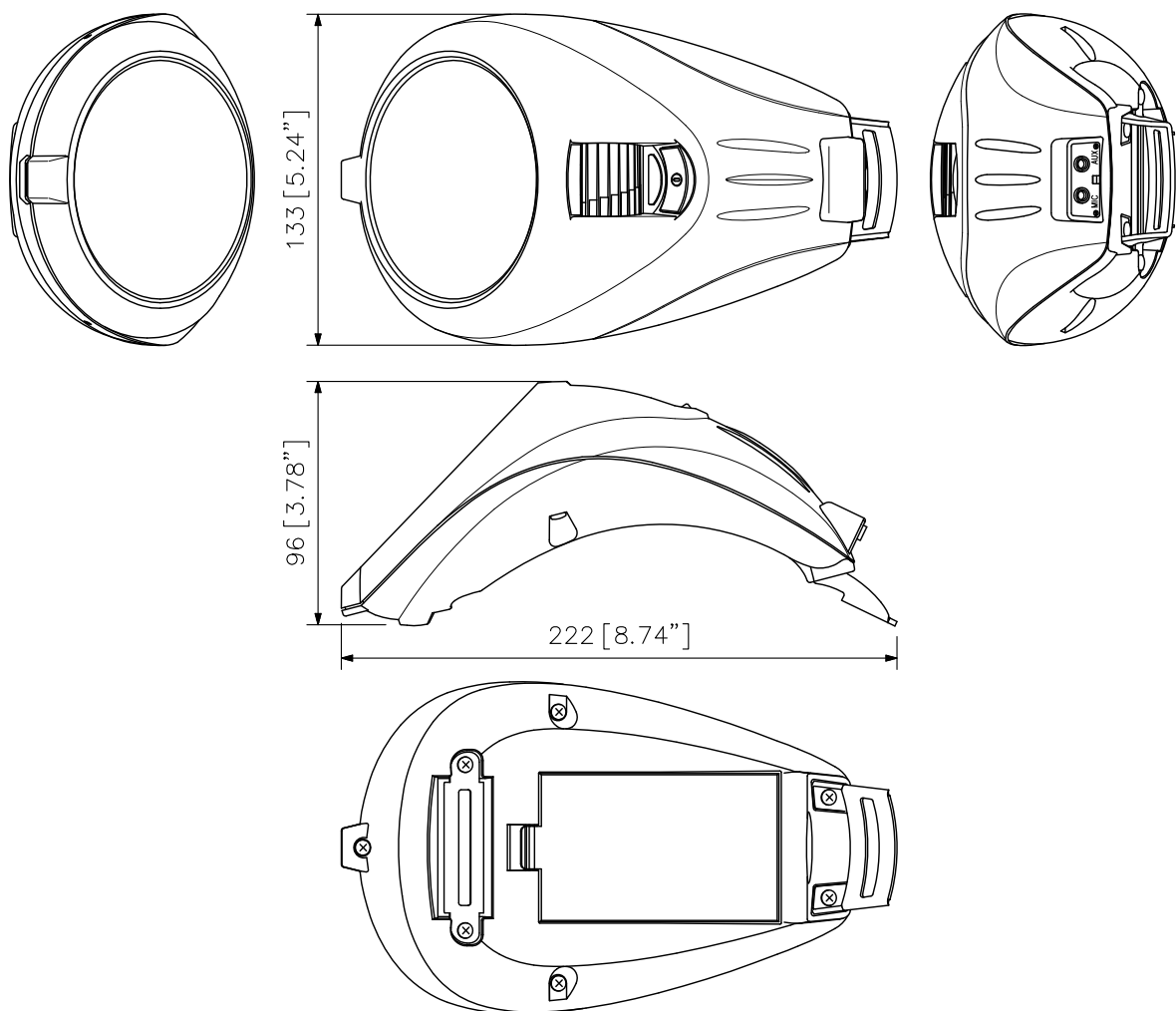


Figure with the supplied belt attached  
(scale: 1/6)

UNIT:mm SCALE:1/3