



**Free your hands, let the waist hold,  
be active as desired.**



**Personal PA System**  
ER-1000A

ER-1000A is a wearable, easy-to-operate personal PA system that delivers powerful and clear sound from its lightweight body attached to a waistband.

A slightly curved design of the main unit fits perfectly on your waist and is barely affected by your motion. This product is suited in various situations such as guided tours, sport classes, directing traffic and other security-and-safety-related applications, as well as attracting prospective customers at shows and storefronts.



✓ **530 g** in weight\*1

✓ approx. **100 m** audible range\*2

✓ **8 hours** continuous voice operation

## APPLICATIONS



Tour Guide



Classroom



Exhibition



Traffic Control

\*1 Without batteries \*2 Measured based on JEITA (Japan Electronics and Information Technology Industries Association) TT-4501D

## KEY FEATURES

### Highly Intelligible Sound

With the ER-1000A, your voice will reach your audience surely and clearly even when you are in a noisy or crowded place. Built-in digital amplifier and optimized frequency characteristics for speech realize high intelligible sound.

### Fit for Prolonged Usage

A unique curved design and an adjustable waistband ensures the stability of use for hands-free. In addition, the 530 g ultra-light body is far from tiring for prolonged usage.

### Audio Player Connectable

AUX input terminal allows public address announcements to be made with your favorite music.

### Easy to Operate

A large rotating volume control and an independent power on/off switch let you be free from complexity of handling, so you can speak naturally without looking down.

### Useful Pouch

You can carry the accessories like an audio player or extra batteries along with the main unit.



### Sides-selectable

ER-1000A is able to be set on both sides of body, providing the same audio performance. In event you feel tired, there is always the choice to switch it to the other side.



## COLOR VARIATIONS

● Black

**Stylish, enhancing your dignity**



ER-1000A-BK

○ White

**Clear, fitting in any kind of scenes**



ER-1000A-WH

● Yellow

**Bright, drawing people's attention**



ER-1000A-YL

# SPECIFICATIONS

	<b>ER-1000A-BK / ER-1000A-WH / ER-1000A-YL</b>
Power Source	Alkaline battery (LR6): 6 pieces (9 V DC) or 4 pieces* <sup>1</sup> (6 V DC) Rechargeable nickel metal hydride (NiMH) battery (HR15/51): 6 pieces (7.2 V DC) or 4 pieces* <sup>1</sup> (4.8 V DC)
Output	6 W (rated) and 10 W (max) when 6 AA batteries (9 V DC) are used. 3 W (rated) and 4 W (max) when 4 AA batteries* <sup>1</sup> (6 V DC) are used.
Audible Range* <sup>2</sup>	Voice operation: Approx. 100 m (328.08 ft) (when 6 alkaline batteries or NiMH batteries are used) Approx. 80 m (262.47 ft) (when 4* <sup>1</sup> alkaline batteries or NiMH batteries are used)
Battery Life	Voice operation* <sup>3</sup> : Approx. 8 hours (when 6 or 4* <sup>1</sup> alkaline batteries are used) Approx. 7 hours (when 6 or 4* <sup>1</sup> NiMH batteries are used) AUX stereo input operation (music reproduction)* <sup>4</sup> : Approx. 9 hours (when 6 or 4* <sup>1</sup> alkaline batteries are used) Approx. 9 hours (when 6 or 4* <sup>1</sup> NiMH batteries are used)
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* <sup>5</sup> , 3 kΩ, ø3.5 monaural mini-jack, phantom power supply. AUX* <sup>6</sup> : –10 dB* <sup>5</sup> , 2 kΩ, ø3.5 stereo mini-jack (supporting monaural applications* <sup>7</sup> )
Belt Length	55 – 120 cm (1.8 – 3.94 ft)* <sup>8</sup>
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Finish	[ER-1000A-BK] Front case: ABS resin, black Rear case: ABS resin, gray Grille: Surface-treated steel plate, black, paint Belt: Elastic rubber, black  [ER-1000A-WH] Front case: ABS resin, white Rear case: ABS resin, gray Grille: Surface-treated steel plate, white, paint Belt: Elastic rubber, black  [ER-1000A-YL] Front case: ABS resin, yellow Rear case: ABS resin, gray Grille: Surface-treated steel plate, yellow, paint Belt: Elastic rubber, black
Dimensions	133 (W) x 96 (H) x 222 (D) mm (5.24" x 3.78" x 8.74") (belt excluded)
Weight	Main PA unit (belt included, batteries excluded): 480 g (1.06 lb) Headset microphone: 50 g (0.11 lb)
Accessory	Headset microphone (with headband and wind screen) x 1 Belt (attached to the main PA unit) x 1, Battery spacer x 2

\*<sup>1</sup> When the supplied battery spacers are used.

\*<sup>2</sup> Transmission range is measured on a quiet street with the Personal PA 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 (Japan Electronics and Information Technology Industries Association) TT-4501D

\*<sup>3</sup> Battery life during voice output usage represents the period of time when the Personal PA 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-4501D

\*<sup>4</sup> Battery life during AUX stereo input represents a value actually measured 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.

\*<sup>5</sup> 0 dB = 1 V

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

\*<sup>7</sup> Volume during monaural operation is smaller than during stereo operation.

\*<sup>8</sup> 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.

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