TOA

POWER MEGAPHONE

Anti-bacteria Treatment

Effective communications for any situation.

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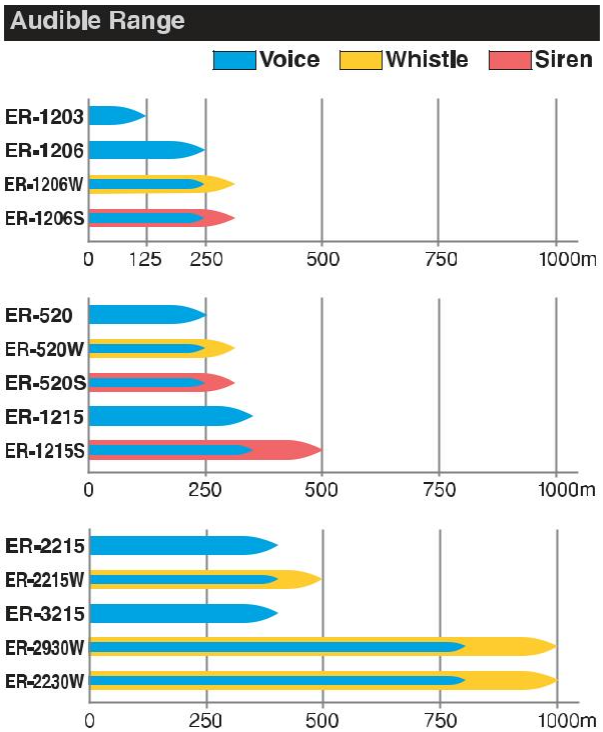
safe&sound

TOA

Ideal for any reinforcement requirements.

TOA offers an extensive range of portable power megaphones that provide optimal reinforcement for various applications in different environments such as schools, government organization facilities, factories and many others.
All models incorporate anti-bacterial treatment to cope with multi-user environments.
Featuring compact and stylish designs with powerful outputs, TOA megaphones also include splash-resistant types as well as high-performance shoulder types that provide a separate auxiliary input and even wireless microphone capability (ER-2930W). Other features such as siren (S) and whistle (W) are available on some models.
The wide range of types makes it easier than ever for the user to select the ideal megaphone for his or her use. Sizes and weights range from powerful shoulder type megaphones with a maximum 45W output to light, compact models. The speaker features rugged polyimide (PI) materials for the diaphragms and neodymium magnets to achieve exceptional acoustic performance. Excellent battery life from AA, C or D batteries (depending on megaphone model) provides significantly longer performance. Fixed stand options are also available.



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Splash-proof Hand Grip Type Megaphone

ER-1203
4W max.
IPX5*

ER-1206
10W max.
IPX5*

ER-1206W
10W max.
IPX5*
with Whistle

ER-1206S
10W max.
IPX5*
with Siren

* Protected against water jets by a nozzle against the enclsure from any direction.

Compact Hand Grip Type Megaphone

ER-520
10W max.

ER-520W
10W max.
with Whistle

ER-520S
10W max.
with Siren

Hand Grip Type Megaphone

ER-1215
23W max.

ER-1215S
23W max.
with Siren

ER-3215
23W max.

Shoulder Type Megaphone

ER-2215
23W max.

Control Panel
(ER-2930W/ER-2230W)

ER-2230W
45W max.
with Whistle

ER-2215W
23W max.
with Whistle

ER-2930W
45W max.
with Whistle
with Wireless Function

Optional
Wirless Tuner unit
UHF: WTU-180C
VHF: WTU-380C

Related Equipment

MEGA TALK

ER-604W (10W max.)

The ER-604W is a versatile and compact shoulder type megaphone with many convenient functions and features such as a whistle function, mic-located volume control and press-to-talk switch. It can be used with a dynamic mic, electret condenser mic as convenient headset microphones for hands-free operation and also provides an auxiliary input for another program source. The ER-604W is battery powered and can also be externally powered.

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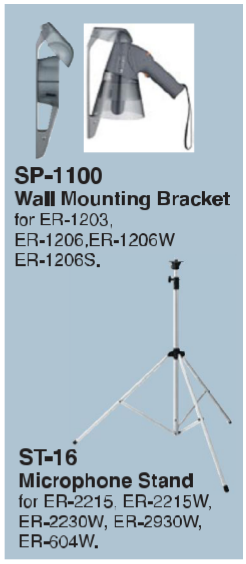
SPECIFICATIONS

	ER-1203	ER-1206	ER-1206W	ER-1206S
Power Source	R6P (AA) × 4 (6V DC)	R6P (AA) × 6 (9V DC) or R6P (AA) × 4 with battery spacer (6V DC)		
Rated Output	3W	6W		
Maximum Output	4W	10W		
Battery Life	Approx. 8 hours (JEITA)*1	When using six R6P batteries (JEITA)*2 Voice: Approx. 8 hours — When using four R6P batteries (JEITA)*2 Voice: Approx. 5 hours —	When using six R6P batteries (JEITA)*2 Voice: Approx. 6 hours, Whistle: Approx. 20 minutes When using four R6P batteries (JEITA)*2 Voice: Approx. 5 hours, Whistle: Approx. 10 minutes	When using six R6P batteries (JEITA)*2 Voice: Approx. 6 hours, Siren: Approx. 20 minutes When using four R6P batteries (JEITA)*2 Voice: Approx. 5 hours, Siren: Approx. 10 minutes
Audible Range	Voice: Approx. 125m (JEITA)*1 —	Voice: Approx. 250m (JEITA)*1 —	Voice: Approx. 250m (JEITA)*1 Whistle: Approx. 315m (JEITA)*2	Voice: Approx. 250m (JEITA)*1 Siren: Approx. 315m (JEITA)*2
Signal Sound	—	—	Whistle	Siren (sounds for 5 seconds intervals)
Frequency Response	500 – 6,000Hz (SPL –20dB)	400 – 6,000Hz (SPL –20dB)		
Magnetic Circuit	Neodymium magnet, inner magnet type			
Diaphragm	Polyimide film (voice coil, bobbin)			
Anti-bacteria Treatment	Mouth and handle			
Water Protection	IPX5			
Operating Temperature	–10°C to +40°C			
Finish	Horn: ASA resin, clear dark gray Other: ASA resin, dark gray Strap: Nylon, black	Horn: ASA resin, clear dark gray Other: ASA resin, dark gray Strap: Nylon, black	Horn: ASA resin, clear dark gray Other: ASA resin, yellow Strap: Nylon, black	Horn: ASA resin, clear red Other: ASA resin, red Strap: Nylon, black
Dimensions	137 (W) × 257.8 (H) × 210 (D)mm	154 (W) × 266 (H) × 250 (D)mm		
Weight	610g (without batteries)	660g (without batteries)	680g (without batteries)	680g (without batteries)
Accessory	—	Battery spacer × 1		
Option	Wall mounting bracket for megaphone : SP-1100			

OPTIONS



SP-1100
Wall Mounting Bracket
for ER-1203,
ER-1206,ER-1206W
ER-1206S.

ST-16
Microphone Stand
for ER-2215, ER-2215W,
ER-2230W, ER-2930W,
ER-604W.

	ER-520	ER-520W	ER-520S	ER-1215	ER-1215S
Power Source	R6P (AA) × 8 (12V DC)			R14P (C) × 6 (9V DC)	
Rated Output	6W			15W	
Maximum Output	10W			23W	
Battery Life	Approx. 10 hours (JEITA)*1 —	Voice: Approx. 10 hours (JEITA)*1 Whistle: Approx. 30 min (JEITA)*1	Voice: Approx. 10 hours (JEITA)*1, Siren: Approx. 40 min (JEITA)*1	Voice: Approx. 14 hours (JEITA)*1 —	Voice: Approx. 14 hours (JEITA)*1, Siren: Approx. 20 min (JEITA)*1
Audible Range	Voice: Approx. 250m (JEITA)*2 —	Voice: Approx. 250m (JEITA)*2, Whistle: Approx. 315m (JEITA)*2	Voice: Approx. 250m (JEITA)*2 Siren: Approx. 315m (JEITA)*2	Voice: Approx. 315m (JEITA)*2 —	Voice: Approx. 315m (JEITA)*2, Siren: Approx. 500m (JEITA)*2
Signal Sound	—	Whistle	Siren	—	Siren
Diaphragm	Polyimide film (voice coil, bobbin)				
Anti-bacteria Treatment	Mouth and handle				
Operating Temperature	–10°C to +40°C				
Finish	Horn: ABS resin, light gray Others: ABS resin, gray Strap: Nylon, black	Horn: ABS resin, light gray Others: ABS resin, gray Strap: Nylon, black	Horn: ABS resin, red Others: ABS resin, red Strap: Nylon, black	Horn: ABS resin, light gray Others: ABS resin, gray Strap: Nylon, black	Horn: ABS resin, red Others: ABS resin, red Strap: Nylon, black
Dimensions	160 (W) × 256 (H) × 260 (D)mm			210 (W) × 297 (H) × 346 (D)mm	
Weight	620g (without batteries)	650g (without batteries)	650g (without batteries)	1.1kg (without batteries)	1.2kg (without batteries)

	ER-2215	ER-2215W	ER-3215	ER-2230W	ER-2930W
Power Source	R14P (C) × 6 (9V DC)			Battery: R20P (D) x 10 (15V DC) External Power: 12V DC Battery	
Rated Output	15W			30W	
Maximum Output	23W			45W	
Battery Life	Approx. 9 hours (JEITA)*1 —	Voice: Approx. 9 hours (JEITA)*1 Whistle: Approx. 20 min (JEITA)*1	Voice: Approx. 9 hours (JEITA)*1 —	Voice: Approx. 17 hours (JEITA)*1 Whistle: Approx. 90 min (JEITA)*1	
Audible Range	Voice: Approx. 100m (JEITA)*2 —	Voice: Approx. 400m (JEITA)*2, Whistle: Approx. 500m (JEITA)*2	Voice: Approx. 400m (JEITA)*2 —	Voice: Approx. 900m (JEITA)*2, Whistle: Approx. 1000m (JEITA)*2	
Signal Sound	—	Whistle (1,600Hz to 2,400Hz)	—	Whistle (1,600Hz to 2,400Hz)	
AUX Input Sensitivity	—	—	—	–10dB*1 (300mV), 10kΩ (ø3.5 mini jack, stereo plug acceptable), volume control	
EXT Mic Input	—	—	—	600Ω, unbalanced, ø6.3 phone jack, volume control	
Receiving Frequency	—	—	—	—	UHF (800MHz band) and VHF (200MHz band)
Antenna	—	—	—	—	Fold-down flexible antenna
Diaphragm	Polyimide film (voice coil, bobbin)				
Anti-bacteria Treatment	Microphone		Mouth and handle	Microphone	
Remaining Battery Indication	—	—	—	LED (also serves as a power indicator) Steady ON: Normal use, Flashing: Batteries need replacement	
Operating Temperature	–10°C to +40°C				
Finish	Horn: ABS resin, light gray Microphone and others: ABS resin, gray Strap: Nylon, black			Horn ring: Vinyl chloride, gray Horn: Aluminum, light gray, paint Case top: Die-cast aluminum, gray, paint Strap: Nylon, black, Others: ABS resin, gray	
Dimensions	ø210 × 338mm		210 (W) x 291 (H) x 391 (D)mm (when attaching the microphone)	ø351 x 512mm	
Weight	Body: 1.1kg (without microphone and batteries) Microphone: 150g	Body: 1.2kg (without microphone and batteries) Microphone: 150g	Body: 1.15kg (without microphone and batteries) Microphone: 150g	3.5kg (without microphone and batteries) Microphone: 150g	3.8kg (without microphone and batteries) Microphone: 150g
Accessories	—	—	—	ø3.5 mini plug (AUX input) x 1, External power supply cord (1m) x 1, Splash-proof cover x 1*3	
Option	Speaker stand: ST-16		—	Speaker stand: ST-16, Microphone: DM series	Speaker stand: ST-16, Microphone: DM series Wireless Microphone: WM-3200 series, WM-3310 series, WM-4200 series, WM-1300 series Wireless tuner: WTU-3800 series, WTU-4800 series

Note: Batteries are option
*1 0dB = 1V
*2 JEITA: Japan electronics and information technology industries association. (EIAJ TT-1601A)
*3 Do not use the unit in heavy rains or strong winds, or in locations where the unit is directly exposed to water even using with the supplied splash-proof cover.

Note on the audible range and battery life
1. The indications of the audible range and battery life are based on the JEITA Standard*2.
2. Audible Range presumes that the megaphone employs new batteries and is used on a quiet street. It varies depending on such conditions as battery consumption, ambient noise, wind direction and obstacles.
3. Battery Life assumes that megaphone is used for 30 minutes a day.

TOA

TOA Corporation
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Specifications are subject to change without notice.
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