

Megaphones

Hand Grip Megaphones

Hand Grip Megaphone

ER-520



Hand Grip Megaphone with Whistle

ER-520W



Hand Grip Megaphone with Siren

ER-520S



| Model | ER-520 | ER-520W | ER-520S |
|------------------------|--|--------------------------|---|
| Rated Output | 6W (10W max.) | | |
| Signals | - | Whistle | Siren |
| Audible Range approx. | Voice 250m | Voice 250m, Signal 315m | |
| Batteries: Qty / Type | RAP (AA) x 8 (12 V DC) | | |
| Battery Life | Approx. 10 hours | | |
| Battery Life on Signal | - | 30 min | 40 min |
| Diaphragm | Polyimide Film | | |
| Finish | ABS-resin, white and grey Strap: Tetoron, black | | ABS-resin, red Strap: Tetoron, black |
| Dimensions (W x H x D) | 160 x 256 x 260mm | | |
| Weight | 620g (without batteries) | 650g (without batteries) | |

Note: JEITA: Japan Electronics and Information Technology Industrial Association. (EIAJ TT-4501A)
Batteries are optional.

Hand Grip Megaphone

ER-1215



Hand Grip Megaphone with Siren

ER-1215S



Hand Grip Megaphone with Shoulder Strap and Detactable microphone

ER-3215



Hand Grip Megaphone with Siren, Shoulder Strap and Detactable microphone

ER-3215S



| Model | ER-1215 | ER-1215S | ER-3215 | ER-3215S |
|------------------------|---|---------------------------------------|---|---------------------------------------|
| Rated Output | 15W (23W max.) | | | |
| Signals | - | Siren (sounds at 5 secs intervals) | - | Siren (sounds at 5 secs intervals) |
| Audible Range approx. | Voice 315m | Voice 315m, Signal 500m | Voice 400m | Voice 400m, Signal 500m |
| Batteries: Qty / Type | R14P (C) x 6 (9 V DC) | | | |
| Battery Life | Approx. 14 hours | | Approx. 9 hours | |
| Battery Life on Signal | - | Approx. 20 minutes | - | Approx. 20 minutes |
| Diaphragm | Polyimide Film (Voice coil, bobbin) | | | |
| Finish | ABS-resin, Horn: light grey / Other: grey Strap: Nylon, black | ABS-resin, red Strap: Nylon, black | ABS-resin, Horn: light grey / Other: grey Strap: Nylon, black | ABS-resin, red Strap: Nylon, black |
| Dimensions (W x H x D) | 210 x 291 x 346mm | | 210 x 291 x 381mm | |
| Weight | 1.1kg (without batteries) | 1.2kg (without batteries) | 1.15kg (body, without mic and batteries), Microphone: 150g | |

Note: JEITA: Japan Electronics and Information Technology Industrial Association. (EIAJ TT-4501A)
Batteries are optional.



Waterproof Hand Grip Megaphones



Anti-Bacterial Treated, IPX5 - Splash-Proof Models

»» Splash Proof Megaphone

ER-1203



»» Splash Proof Megaphone

ER-1206



»» Splash Proof Megaphone with Whistle

ER-1206W



»» Splash Proof Megaphone with Siren

ER-1206S



| Model | ER-1203 | ER-1206 | ER-1206W | ER-1206S |
|------------------------|---|--|---------------------------|--|
| Rated Output | 3W (4W max.) | 6 W (10 W max.) (when using 6 x R6P batteries) | | |
| Signals | | - | Whistle | Siren (sounds at 5 secs intervals) |
| Audible Range approx. | 125 m | 250 m | Voice 250 m, Signal 315 m | |
| Batteries: Qty / Type | R6P (AA) x 4 (6 V DC) | R6P (AA) x 6 (9 V DC) or R6P (AA) x 4 (6 V DC) | | |
| Battery Life | Approx. 8 hours | | | |
| Battery Life on Signal | | - | 20 min | |
| Frequency Response | 500 Hz - 6 kHz (SPL -20 dB) | 450 Hz - 6 kHz (SPL -20 dB) | | |
| Magnetic Circuit | Neodymium magnet, inner magnet type | | | |
| Diaphragm | Polyimide Film (Voice coil, bobbin) | | | |
| Water Protection | IPX5 | | | |
| Finish | ASA resin, Horn: clear dark gray / Other: dark grey / Strap: Nylon, black | ASA resin, Horn: clear dark gray / Other: yellow / Strap: Nylon, black | | ASA resin, Horn: clear red / Other: dark red / Strap: Nylon, black |
| Dimensions (W x H x D) | 137 x 257.8 x 210 mm | 154 x 266 x 250 mm | | |
| Weight | 610 g (without batteries) | 660 g (without batteries) | 680 g (without batteries) | |
| Accessory | - | Battery spacer x 1 | | |
| Option | Wall Mounting bracket for megaphone: SP-1100 | | | |

Note: JEITA: Japan Electronics and Information Technology Industrial Association. (EIAJ TT-4501A)
Batteries are optional.

»» Wall Mount Bracket SP-1100



Finish: Stay: Stainless Steel; Holder and dustproof cover: ASA resin, clear dark grey

Dimension (WxHxD): 126 x 420 x 156 mm

Weight: 410 g

Accessory: Wall Mounting Screw (SUS self-tapping screws 4 x16) x 2



Shoulder Megaphones

»» Shoulder Megaphone

ER-2215



»» Shoulder Megaphone with Siren

ER-2215S



»» Shoulder Megaphone with Whistle

ER-2215W



»» Shoulder Megaphone with Whistle

ER-2230W



»» Shoulder Megaphone with Whistle

ER-2930W



| Model | ER-2215 | ER-2215S | ER-2215W | ER-2230W | ER-2930W |
|------------------------|--|---------------------------------------|--|--|---|
| Rated Output | 15W (23W max.) | | | 30W (45W max.) | |
| Signals | - | Siren (sounds at 5 secs intervals) | - | Whistle (1.6 kHz - 2.4 kHz) | |
| Audible Range approx. | 400m | Voice 400m, Signal 500 m | | | Voice 800m, Signal 1,000m |
| Batteries: Qty / Type | R14P (C) x 6 (9 V DC) | | | Battery: R20P (D) x 10 (15V DC), External Power: 12V DC Battery | |
| Battery Life | Approx. 9 hours | | | Approx. 17 hours | |
| Battery Life on Signal | - | 20min | | | 1.5 hours |
| AUX Input Sensitivity | - | | | -10 dBV, (300mV), 10 kΩ (ø3.5 mini jack, stereo plug acceptable), volume control | |
| EXT Mic Input | - | | | 600Ω, unbalanced, ø6.3 phone jack, volume control | |
| Receiving Frequency | - | | | UHF (800 MHz band) VHF (200 MHz band) | |
| Antenna | - | | | Fold-down flexible antenna | |
| Diaphragm | Polyimide Film (Voice coil, bobbin) | | | | |
| Finish | ABS-resin Horn: light grey / Other: grey Strap: Nylon, black | ABS-resin, red Strap: Nylon, black | ABS-resin Horn: light grey / Other: grey Strap: Nylon, black | Horn Ring: Vinyl chloride, grey Horn: Aluminium, light grey, paint Case Top: Die cast Aluminium, grey, paint Strap: Nylon, black / Other: ABS resin, grey | |
| Dimensions (ø x D) | ø 210 x 336mm | | | ø 351 x 512mm | |
| Weight | 1.1 kg (without microphone & battery) Microphone: 150 g | | 1.2 kg (without microphone & battery), Microphone: 150 g | 3.6 kg (without battery) Microphone: 150 g | 3.8 kg (without battery) Microphone: 150 g |
| Accessory | - | | | ø3.5 mini plug (AUX Input) x 1, External Power Supply Cord (1m) x 1, Splash-proof cover x 1 | |

Note: JEITA: Japan Electronics and Information Technology Industrial Association. (EIAJ TT-4501A)

Batteries are optional.

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.

»» Speaker Stand ST-16A



Effective Extensible Length: 1,130 mm - 1,660 mm

Load Capacity: 7 kg (static load)

Finish: Stand: Aluminium, Silver, matter finish; Speaker

Mounting Bracket: Polyamide resin, black

Weight: 1.7 kg (bracket included)

Accessory: Speaker Mounting Screw (M5 x 20) x 2, Hexagon headed bolt (M8 x 20) x 1, Washer x 1, Spacer x 1, Butterfly Nut x 1



»» Wireless Tuner Unit for ER-2930W

WTU-4800



| Model | WTU-4800 |
|-------------------------|--|
| Power Requirement | 7 - 12 V DC |
| Current Consumption | 100 mA |
| Receiving Frequency | 576 - 865 MHz, UHF |
| Receiving System | Double super-heterodyne |
| Receiving Sensitivity | 80 dB or more, S/N ratio (20 dBμV input, 40 kHz deviation) |
| Antenna Input Impedance | 75 Ω |
| Diversity System | Space diversity |
| Channel Selectable | 16 channels |

| | |
|------------------------|-------------------------------------|
| Squelch System | Noise SQ |
| Squelch Sensitivity | 17 dBμV |
| Output | 0 dB* (Max. deviation, 2.2 kΩ load) |
| Harmonic Distortion | 1% or less |
| Frequency Response | 100 Hz - 12 kHz, ±3 dB |
| Finish | Surface-treated steel plate |
| Weight | 130 g |
| Dimensions (W x H x D) | 60 x 25 x 139 mm |
| Accessories | Driver for channel changing x 1 |



Hands-Free Megaphones

»» Compact Power Megaphone

ER-1000A-BK
 ER-1000A-WH
 ER-1000A-YL



| Model | ER-1000A-BK | ER-1000A-WH | ER-1000A-YL |
|------------------------|---|--|--|
| Power Source | Alkaline battery (LR6): 6 pieces (9 V DC) or 4 pieces (*1) (6 V DC) Rechargeable nickel metal hydride (Ni-MH) battery (HR15/51): 6 pieces (7.2 V DC) or 4 pieces (*1) (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 (*1) (6 V DC) are used. | | |
| Audible Range (*2) | Voice operation: Approx. 100 m (when 6 alkaline batteries or Ni-MH batteries are used) Approx. 80 m (when 4 (*1) alkaline batteries or Ni-MH batteries are used) | | |
| Battery Life | Voice operation: (*3): Approx. 8 hours with 6 or 4 alkaline batteries, Approx. 7 hours with 6 or 4 Ni-MH batteries AUX stereo input operation (music reproduction) (*4): Approx. 9 hours with 6 or 4 alkaline or Ni-MH batteries | | |
| 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 (*5), 3 kΩ, ø 3.5 mm monoaural mini-jack, phantom power supply AUX (*6): -10 dB (*5), 2 kΩ, ø 3.5 mm stereo mini-jack (supporting monoaural applications (*7)) | | |
| Belt Length | 55 - 120 cm (*8) | | |
| Finish | Front Case: ABS resin, black Rear Case: ABS resin, gray Grille: Surface-treated steel plate, black, paint Belt: Elastic rubber, black | Front Case: ABS resin, white Rear Case: ABS resin, gray Grille: Surface-treated steel plate, white, paint Belt: Elastic rubber, black | Front Case: ABS resin, yellow Rear Case: ABS resin, gray Grille: Surface-treated steel plate, yellow, paint Belt: Elastic rubber, black |
| Dimensions (W x H x D) | 133 x 96 x 222 mm (belt excluded) | | |
| Weight | Main PA unit (belt included, batteries excluded): 480 g / Headset microphone: 50g | | |

Note: JEITA: Japan Electronics and Information Technology Industrial Association. (EIAJ TT-4501A)

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

(*1) When the supplied battery spacers are used.

(*2) Audible range is measured on a quiet street with unit loaded with fresh batteries. Range varies depending on various conditions, such as battery consumption, ambient noise levels, wind direction and obstacles.

(*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.

(*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 AUX input terminal. It varies depending on the connected external equipment's volume output or the type of music source.

(*5) 0 dB = 1 V

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

(*7) Volume during monoaural operation is smaller than during stereo operation

(*8) The 120 cm length is when the Belt is stretched out to its maximum extend. When worn, consider a belt length of 100cm as a rule-of-thumb standard

»» Compact Power Megaphone

ER-604W



| Model | ER-604W |
|------------------------|--|
| Power Source | R6 battery x 8 (12 V DC) 12 V DC / 0.8 A or more (AC Adapter or DC power supply unit usable) |
| Rated Output | 6W (10 W max.) |
| Battery Life | Voice: Approx. 10 hours (R6P manganese dioxide battery used) / Whistle: Approx. 30 minutes (continuous use) |
| Audible Range | Voice: 160 m (under noise level of 55 dB) / Whistle: 160 m (under noise level of 55 dB) |
| Microphone | Close-talking type, press-to-talk switch, volume control, Fixed to the microphone hanger on the unit's top panel |
| Signal | Whistle, push switch activation |
| Input | MIC 1: -40 dB, 1.5 kΩ, ø 6.3 mm phone jack MIC 2: -18 dB, 3 kΩ, ø 3.5 mm mini-jack, phantom power supply AUX: -12 dB, 18 kΩ, ø 3.5 mm mini-jack External Power Supply: 12 V DC Note: MIC 1, 2 and AUX inputs can be used at the same time. However, their individual volume cannot be adjusted as the unit's volume control is common to these inputs. |
| Other Function | Voice switch (functions to activate the unit with external input signals and to make the unit in stand-by status with no external signal.) Battery check. |
| Finish | Body, Microphone: ABS resin, off-white / Shoulder Pad, Belt: black |
| Dimensions (W x H x D) | 102 x 258 x 216 mm (excluding shoulder belt) |
| Weight | 1.6 kg (without batteries) |
| Accessory | ø 3.5 mm mini plug x 1, External Power Supply Cord (1 m) x 1 |
| Options | Headset microphone: WH-4000A, WH-4000H / Dynamic Microphone: DM Series / Speaker Stand: ST-16A |