



WD-100

UHF Portable P.A. System

Features

- 100W
- 2-way 8" woofer, 1" tweeter
- 100dB SPL
- UHF wireless MIC system
- 2 channel mixer
- Priority mode
- MP3 player
- Lithium battery powered



WD-100 is a portable P.A. system for mobile applications like outdoor events including street music, sport competitions, private parties and others. It is battery powered and it features one channel UHF wireless microphone system.

A two inputs mixer can handle the wireless or wired microphone plus an auxiliary stereo source. A built-in MP3 player is available for BGM and jingles. As option the MP3 can be replaced by a Bluetooth module. The speaker system delivers 100W RMS power using Class-D amplifiers for the 8" woofer and the 1" horn tweeter. The coverage of 130°H x 130°V keeps a high dynamic response in any place. The battery is made of lithium cells for a longer life and lighter weight. The use time is more than 2 hours in regular play. The cabinet is made of strong plastic and features a handle and casters for transport. A strong metal grille protects the woofer from shocks.



U-299H



U-899H



U-899P



LM-60(4B)



HM-28(4B)

Specifications

| | |
|-------------------------------|--|
| MODEL | WD-100 |
| Power Supply | AC:115-120V / 220-240 V Internal battery: 22.2V (lithium) |
| Speaker type | 2-Way Active Vented Speaker |
| Transducer Low | 8" Woofer, 1.5" voice Coil |
| Transducer High | 1" Ferrite Driver, 1" voice Coil |
| Horn Coverage H x V | 130° x 130° |
| Frequency Response | 65 Hz-20kHz (+/- 3dB) |
| Crossover Frequency | 5kHz |
| Max SPL | 100dB Max |
| AMP Power Output | RMS 100W (AC) (LF Class-D 80W & HF Class-D 20W) |
| Input Sensitivity | CH1 MIC: -35dBu (+/-1dBu), CH2 LINE: -10dBu (+/-1dBu), CH3 AUX: -10dBu (+/-1dBu) |
| Equalizer Controls | BASS: +/-6dB (at 100Hz), TREBLE: +/-10dB (at 10kHz) |
| External Controls | Master Volume Controls, MIC & LINE Switch, MIC1 ~ AUX Volume Controls Voice Priority Switch, Power Indicators, Battery Level Indicators |
| Voice Priority | MIC1 and Wireless |
| S/N Ratio | MIC: >70dB, LINE: >75dB |
| Battery Recharge Time | Less than 4 hours |
| Battery Use Time | More than 2 hours |
| Wireless Mic System | 1 channel UHF non-diversity, PLL synthesized |
| BGM Module | MP3 player or Bluetooth |
| Enclosure Construction | Plastic cabinet; Metal grille; Rubber feet and casters, Handle |
| Mounting | 36mm standard pole-mount |
| Dimension (W x D x H) | 415 x 277 x 256 mm (16.3" x 10.9" x 10.1") |
| Weight | 8.3 kg (17.6 lbs) |

| MODEL | U-899H / U-299H Mic. Transmitter | U-899P Pocket Transmitter |
|-------------------------------|---|---|
| Frequency Band | UHF | UHF |
| Oscillation mode | PLL Synthesized | PLL Synthesized |
| Modulation Mode | FM (F3E) | FM (F3E) |
| Frequency Stability | +/- 0.005% | +/- 0.005% |
| RF Radiation Fcc | 10mW | 10mW |
| Spurious Emission | 45dBm | 45dBm |
| THD | < 1% | < 1% |
| Frequency Response | 50Hz-15kHz (+/- 3dB) | 50Hz-15kHz (+/- 3dB) |
| Current drain | <150mA | <150mA |
| Battery | "AA" type x 2 pcs (6 hours use) | "AA" type x 2 pcs (6 hours use) |
| Operating Temperature | -10°C to 50°C | -10°C to 50°C |
| Tone Frequency | 35kHz | 35kHz |
| Dimension (W x D x H) | 277(diam.) x 36.5 mm (U-899H) 260 (diam.) x 36 mm (U-299H) | 65 x 85 x 25 mm |
| Weight | 0.3 kg | 0.082 kg |
| Dynamic | > 100dB | > 100dB |
| Mic / Instrument Input | 10dBu | 10dBu |
| Microphone Type | Dynamic Capsule | Input: Dynamic Mic. / Condenser Mic. / Elec. Instrument Pin 1: GND Pin 2: Phantom Power Pin 3: Instrument Pin 4: Microphone |
| 4 pin Connector | N/A | |

Specifications subject to modification without notice

Back Panel Controls



UHF Receiver