



# WU-100

UHF Portable P.A. System

## Features

- 200W
- 2-way 10" woofer, 1" driver
- 117dB SPL
- UHF wireless MIC system
- 3 inputs mixer
- Priority mode
- Optional MP3 player
- Lithium battery powered



WU-100 is a powerful 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 three inputs mixer can handle the wireless and wired microphones plus an auxiliary stereo source. An optional built-in MP3 player can be used if necessary. The speaker system delivers 200W RMS power using Class-D amplifiers for the 10" woofer and the 1" horn-loaded driver. The coverage of 90°H x 45°V keeps a high dynamic response in in any place. The battery is made of lithium cells for a longer life and lighter weight. The cabinet is made of strong plastic and features a handle and casters for transport. It is a trapezoidal shape, so it can be positioned as a stage monitor. A strong metal grille protects the transducers from shocks..



U-299H



U-899H



U-899P



LM-60(4B)



HM-28(4B)

## Specifications

<b>MODEL</b>	<b>WU-100</b>
<b>Power Supply</b>	AC:115-120V / 220- 240 V Internal battery: 25.9V (lithium)
<b>Speaker type</b>	2-Way Active Vented Speaker
<b>Transducer Low</b>	10" Woofer, 1.5" voice Coil
<b>Transducer High</b>	1" Ferrite Driver, 1" voice Coil
<b>Horn Coverage H x V</b>	90° x 45°
<b>Frequency Response</b>	65 Hz-20kHz (+/- 3dB)
<b>Crossover Frequency</b>	5kHz
<b>Max SPL</b>	117dB Max
<b>AMP Power Output</b>	RMS 200W (AC) (LF Class-D 135W & HF Class-D 65W)
<b>Input Sensitivity</b>	CH1 MIC: -35dBu (+/-1dBu) CH2 MIC: -10dBu (+/-1dBu) CH3 MIC: -10dBu (+/-1dBu)
<b>Equalizer Controls</b>	BASS: +/-6dB (at 100Hz) TREBLE: +/-10dB (at 10kHz) Master Volume Controls MIC & LINE Switch
<b>External Controls</b>	MIC1 ~ AUX Volume Controls Voice Priority Switch Power Indicators Battery Level Indicators
<b>Wireless Mic System</b>	1 channel UHF non-diversity, PLL synthesized Frequency Bands: 542~566 MHz / 638~662 MHz / 863~865 MHz
<b>MP3 Player (Option)</b>	Support File System: FAT 32 Support File Formats: MP3, WAV, WMA
<b>Enclosure Construction</b>	Plastic cabinet; Trapezoidal; Metal grille; Rubber feet and casters, Handle
<b>Mounting</b>	36mm standard pole-mount
<b>Dimension (W x D x H)</b>	612 x 380 x 370 mm (24.1" x 15" x 14.6")
<b>Weight</b>	18.6 kg (41 lbs)

MODEL	U-899H / U-299H Mic. Transmitter	U-899P Pocket Transmitter
<b>Frequency Band</b>	542~566 MHz / 638~662 MHz / 863~865 MHz	542~566 MHz / 638~662 MHz / 863~865 MHz
<b>Oscillation mode</b>	PLL UHF Synthesized	PLL UHF Synthesized
<b>Modulation Mode</b>	FM (F3E)	FM (F3E)
<b>Frequency Stability</b>	+/- 0.005%	+/- 0.005%
<b>RF Radiation Fcc</b>	10mW	10mW
<b>Spurious Emission</b>	45dBm	45dBm
<b>THD</b>	< 1%	< 1%
<b>Frequency Response</b>	50Hz-15kHz (+/- 3dB)	50Hz-15kHz (+/- 3dB)
<b>Current drain</b>	<150mA	<150mA
<b>Battery</b>	"AA" type x 2 pcs (6 hours use)	"AA" type x 2 pcs (6 hours use)
<b>Operating Temperature</b>	-10°C to 50°C	-10°C to 50°C
<b>Tone Frequency</b>	35kHz	35kHz
<b>Dimension (W x D x H)</b>	277(diam.) x 36.5 mm (U-899H) 260 (diam.) x 36 mm (U-299H)	65 x 85 x 25 mm
<b>Weight</b>	0.3 kg	0.082 kg
<b>Dynamic</b>	> 100dB	> 100dB
<b>Mic / Instrument Input</b>	10dBu	10dBu
<b>Microphone Type</b>	Dynamic Capsule	Input: Dynamic Mic. / Condenser Mic./ Elec. Instrument Pin 1: GND Pin 2: Phantom Power Pin 3: Instrument Pin 4: Microphone
<b>4 pin Connector</b>	N/A	

Specifications subject to modification without notice