



RUD-802

UHF Wireless System

Features

- Dual channel UHF system
- PLL synthesized
- 100 frequencies per channel
- Automatic infrared coupling



RUD-802 is a dual channel UHF wireless system consisting of RUD-802 receiver, U-299H metal / U-899H plastic handled microphones and U-899P pocket transmitters. It features PLL synthesized technology allowing up to 100 frequency presets in the UHF band for both channels. Easy to setup and to operate, RUD-802 system performs with a constant acoustic quality over its distance of transmission. It is a perfect system for KTV singers where two handled microphones can be used simultaneously without interferences. Pocket transmitter can be connected to LM-60(4B) lapel or HM-38(4B) headset microphones for a large choice of applications including conference, live events or AV presentations. RUD-802 is equipped with infrared system automatically coupling the transmitters with the receiver on the right frequencies.



U-299H



U-899H



U-899P



LM-60(4B)



HM-38(4B)

Specifications

MODEL	RUD-802 Receiver Unit
Receiver Type	Dual Channel UHF PLL Synthesized
Frequency Band	UHF
Frequency Response	50 Hz-15kHz (+/- 3dB)
Frequency Stability	+/- 0.005%
THD	< 1%
Dynamic	> 100 dB
Modulation Mode	FM (F3E)
Max Unbalanced Output	10dBu
Max Balanced Output	10dBu
S/N Ratio	> 100dB
RF Sensitivity	-100dBm / 30 dB SINAD
Power Supply	100-240V / 50~60Hz, DC 15V / 500mA
Dimension (W x D x H)	130 x 125 x 220 mm (5.11" x 4.92" x 8.66")
Weight	0.45 kg (0.99 lbs)

MODEL	U-299H/U-899H Mic. Transmitter	U-899P Pocket Transmitter
Frequency Band	UHF	UHF
Oscillation mode	PLL UHF Synthesized	PLL UHF Synthesized
Modulation Mode	FM (F3E)	FM (F3E)
Frequency Stability	+/- 0.005%	+/- 0.005%
RF Radiation Fcc	10mW	10mW
Spurious Emission	50dBm	50dBm
THD	< 1%	< 1%
Frequency Response	50 Hz-15kHz (+/- 3dB)	50 Hz-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	35 kHz	35 kHz
Dimension	φ 36 x 260 mm / φ 50 x 240 mm	65 x 85 x 25 mm
Weight	0.27 kg	0.82 kg
Dynamic	> 100 dB	> 100 dB
Mic / Instrument Input	10 dBu	10 dBu
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

