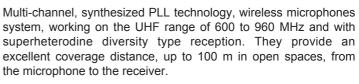
WIRELESS MICROPHONES SYSTEM

US-902DC / US-8001DC Wireless receivers



All the components of this family, two receivers and three microphones, one hand-held, another tie-type, and a third one aerobic type are equipped with a switching system that permits to choose the working frequency from a total of 16 different channels.

Two receiver models are available: US-902DC has two different channels, allowing for the simultaneous reception of two different microphones in two different frequencies and US-8001DC has one channel.

The model US-902DC includes two BNC antenna inputs to connect its two built-in antennas, the UA-900 Antenna splitter or the UB-900 Antenna booster. It is supplied with racks mounting brackets and includes a LCD multifunction display.

The model US-8001DC has two built-in antennas and is not rack mountable.

Both models include noise and interferences elimination circuitry, to ensure a clear reception while the microphones are within a normal working range; the diversity type reception system reduces the fading possibilities in the radiofrequency linkage. Both are compatible with the MH-850C hand-held type, PT-850BC + CM-501 tie-type or PT-850BC + CX-504 aerobic type microphones.



SPECIFICATIONS

US-902DC US-8001DC

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Power supply	Power supply unit; input 230 V.a.c.; 50 ÷ 60 Hz / Output 24 V.d.c.						
Consumption	500 mA (12 V.d.c.)						
Carrier frequency range	600 ÷ 960 MHz, UHF						
Channels	16 frequencies (*)						
Reception	Superheterodine double diversity						
Audio output	- 12 dB 600 Ω , 1 XLR connector (balanced), 1 Jack connector (unbalanced)						
Antenna	BNC	Built-in					
Reception sensitivity	- 107 dBm (12 dB S/R)						
Image frequency rebuff	> 60 dB						
Channels selection	Manual, by means of frontal keypad and display						
Signal / Noise ratio	> 105 dB						
Total Harmonic Distortion	1	< 0,6% (1 kHz)					
Frequency response (± 3	dB) 50 ÷ 18.000 Hz						
Operating temperature	- 10 to + 50°C						
Controls	On/Off, volume, channels selector						
Finishing	Metallic, metal grey colour	Metallic, metal black colour					
Dimensions (mm)	480 (width) x 45 (height) x 232 (depth)	221 (width) x 40 (height) x 152 (depth)					
Rack mounting units	1	Not rack mountable					
Accessories	Rack mounting brackets	-					

(*) Chanr	nel Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	786.250 MHz	6	792.500 MHz	Α	799.000 MHz	E	803.750 MHz
1	787.500 MHz	7	795.500 MHz	В	800.500 MHz	F	805.250 MHz
2	788.500 MHz	8	796.250 MHz	С	801.000 MHz	D	802.750 MHz
3	789.125 MHz	9	797.875 MHz				
4	790.250 MHz	5	791.125 MHz				



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