CLOCKAUDIO WIRELESS SYSTEM

CW9000 UHF PLL MULTI CHANNEL WIRELESS MICROPHONE SYSTEM

Versatile, flexible and easy to use multi channel system with two receiver full diversity reception. UHF operation for resistance to interference (Bands within the range 630 - 960 MHz according

to local regulation). 192 PLL preselectable channels per Band. Compact half rack size full diversity receiver with full controls, comprehensive LCD display and balanced/unbalanced outputs. Choice of belt pack transmitter with Lavalier microphone or

handheld transmitter microphone.
Each with LCD display, easy to use controls for on/off, frequency selection and AF level.
Electronic lock and physical protection of settings to avoid accidental operation.
Range of included and optional accessories.



CW9000R RECEIVER

System FM Carrier	UHF
Frequency Range	630 - 960 MHz (Bands according to local regulation)
Channel Frequency	192 PLL selectable Channels per Band
Frequency Stability	± 0.005%
S/N Ratio	> 100dB
Audio Output Level	-12dB
AF Output Impedance	600 Ohms
Squelch	Pilot Tone and Noise Mute
Power	External I2V DC; 500mA

CW9000IT BELT PACKTRANSMITTER

System FM Carrier	UHF for reduced interference	
Frequency Range	630 - 960 MHz (Bands according to local regulation)	
Channel Frequency	192 PLL selectable Channels per Band	
RF Output	10mW	
Frequency Stability	± 0.005%	
Frequency Deviation	± 48 KHz	
Frequency Response	50 Hz - 15 KHz	
Dynamic Range	> +110dB	
Controls	Power On/Off, Frequency and AF Level set	

CL6 LAVALIER CARDIOID MICROPHONE

Microphone	Condenser (Back Electret)
Polar Pattern	Cardioid
Frequency Response	100 Hz - 12 KHz
Sensitivity	-50dB @ I KHz (0dB=IV/Pa)
Impedance	2.2 K Ohms
Termination	4 Pin Tini Q Connector





Microphone	Dynamic Cardioid
LCD Display Information	Frequency, AF Level and Battery Status
Power	2 x AA batteries giving more than 10 hours use

RF, AF and control information as for CW900IT

AA9000 ANTENNA DISTRIBUTION AMPLIFIER





Antenna Inputs 2 (BNC) Antenna Outputs 4 x pairs (BNC) Output Connector Isolation 24dB Nominal Cascade Gain 3dB Inline Antenna Power 12 volts DC 120MA Power Supply 4 x 12 V DC	System FM Carrier	470-870 MHz
Output Connector Isolation 24dB Nominal Cascade Gain 3dB Inline Antenna Power 12 volts DC 120MA Power Supply 4 × 12 V DC	Antenna Inputs	2 (BNC)
Nominal Cascade Gain 3dB Inline Antenna Power 12 volts DC 120MA Power Supply 4 x 12 V DC	Antenna Outputs	4 × pairs (BNC)
Inline Antenna Power 12 volts DC 120MA Power Supply 4 × 12 V DC	Output Connector Isolation	24dB
Power Supply 4 x 12 V DC	Nominal Cascade Gain	3dB
	Inline Antenna Power	12 volts DC 120MA
Mains Input Voltage 90 - 264 AC 50/60 Hz	Power Supply	4 × 12 V DC
1 Iams input voitage 70 - 201 AC 30/00 12	Mains Input Voltage	90 - 264 AC 50/60 Hz

CW9000-C INTERCHANGEABLE CONDENSER MICROPHONE HEAD



Microphone	Condenser (Back Electret)	
Polar Pattern	Cardioid	
Frequency Response	60 Hz - 18 KHz	
Sensitivity	-50dB (0dB=1V/Pa)	
Impedance	400 Ohms	

AB9000 ANTENNA BOOSTER

System FM Carrier	470 - 870 MHz	
Antenna Gain	I.8 dBi	
Booster Gain	0dB +2/-I	
Antenna Coverage	360 degrees	
Operating Voltage	12 - 18 V DC	
Inline Antenna Power	12 volts DC 120MA	



