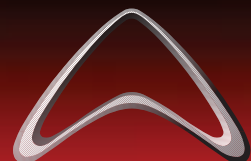


USX800



Wharfedale
Pro

USX800 UHF WIRELESS

The new Wharfedale Pro USX-800 Wireless Microphone System is a competitively priced, "True-Diversity" wireless system incorporating the latest advances in wireless microphone technology.

The USX-800 incorporates a dual antenna UHF receiver with two identical tuners minimizing dropouts and unstable reception. The innovative Auto Frequency Scan function enables the system to automatically scan the UHF frequency band and select the strongest RF signals from the microphone's transmitter. By simply pressing the Sync button on the receiver, the user can automatically lock any of 50 available UHF frequencies between the transmitter and receiver.

An infrared transmission link also feeds data to the hand-held transmitter providing up-to-date status of the signal strength, battery condition and selected transmission parameters.

The USX-800 is available in HC (condenser), HD (dynamic) and white versions. The USX800-HC condenser version features an electret condenser capsule to provide smooth response and exceptional clarity – perfect for clear, crisp vocal projection. This model also has a dual wind shield to reduce proximity effect.

The USX800-HD has a dynamic neodymium capsule to provide warm and accurate vocal reproduction and tailored presence rise for excellent intelligibility and superior vocal projection.

Both models feature super cardioid patterns for high gain before feedback and increased rejection of off axis sound.

SYSTEM FEATURES

One touch Auto-Channel Scan.

Infrared link automatically synchronizes transmitter and receiver frequencies and provides for Frequency, Group and battery status monitoring

50 Selectable UHF frequencies across 13 MHz bandwidth

Variable-level 1/4" unbalanced T/S and XLR balanced connectors

100 meter (300 feet) operating range

Eight hours of continuous use from two AA batteries (included)

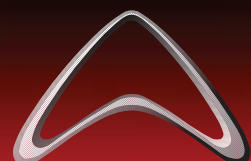
World-wide switching power supply assures stable performance anywhere

High-quality condenser or neodymium microphone element with hypercardioid pickup pattern



www.wharfedalepro.com

USX800



Wharfedale
Pro

SPECIFICATIONS

usx preliminary specifications	
Housing Material	Aluminium Extrusion
Oscillation Mode	PLL Synthesized
Carrier Frequency Range	UHF 529-865 MHz
Stability	+/- 0.005% (-10/50C)
Frequency Adjustment	Automatic Channel Setting
RF Output Power	>10dmW
Spurious Emissions	+/-55dBc
Maximum Deviation Range	+/-68KHz
Maximum Input Level	140dB SPL
Battery	1.5V (AA) x 2
Signal to Noise Ratio	>105dBA
Total Harmonic Distortion	<0.5%@1KHz
Frequency Response	50Hz-18KHz +/-3dB
Functional Distance	>100 metres (open area distance)
Main Frame Size	EIA Standard 1/2 rack unit
Channels	Single Channel
Receiver Module	True Diversity
Oscillation Mode	PLL Synthesised
Carrier Frequency Range	UHF-680-806MHz
Stability	+/-0.005% (-10-50C)
Bandwidth	13MHz
Sensitivity	2u V (S/N>12dB 25KHz deviation)
Frequency Interval	250KHz
Available Frequencies	50
Squelch Innovative	Noise Lock Dual Squelch Circuit
Maximum Output Level	MIC Level -14dBV/100 Ohm, Line Level -4dBV/5K Ohm
Output Connectors	XLR balanced & 1/4"/6.3mm unbalanced phone jack
AC Power Supply	External 90-260 VAC
DC Power Supply	1A, 12-15VDC
Dimensions : Inches/mm	1.7" H x 8.6" Wx6.3"D/ 44 H x 220 W x 160D



Wharfedale International Limited, IAG House, Sovereign Court,
Ermine Business Park, Huntingdon, Cambs, PE29 6XU, England
www.wharfedalepro.com