SONY

UWP-X8

UTX-M03 Handheld Mic TX and URX-M2 RX Module Wireless System

Overview

UTX-M03 Handheld Mic TX and URX-M2 RX Module Wireless System

UWP Series UHF synthesized wireless microphone system. Package includes a UTX-M03 handheld microphone and a URX-M2 tuner module. Channels 30 to 33. The UWP-X8 includes extremely robust metal construction with a newly designed UWP-D series UTX-M03 hand held transmitter (must be set to 'UWP' compander mode to work with URX-M2 tuner module). UWP Series transmitters and receivers can also be purchased separately (see optional accessories for details).

Highlights

• Consists of a handheld microphone and tuner module
• Suitable for use in PA systems
• Supplied with microphone holder and screw adapter
• Tuner module can be installed in MB-X6 tuner frame or SRP Series powered mixers

For customers in North America

This particular wireless device operates in portions of the 617-652 MHz or 663-698 MHz frequencies. Beginning in 2017, these frequencies are being transitioned by the Federal Communications Commission (FCC) to the 600 MHz service to meet increasing demand for wireless broadband services. Users of this device may be required to cease operating on these

frequencies no later than July 13, 2020. In addition, users may be required to cease operations earlier than that date if their operations could cause harmful interference to a 600 MHz service licensee's wireless operations on these frequencies. For more information, contact the FCC.

For customers in Canada, please consult ISED's Spectrum Advisory Bulletin for recent information related to the 600 MHz band transition.

Features

PLL Synthesized System

Achieves stable transmission and reception by using a UHF PLL (Phase Locked Loop) frequency synthesized system, which provides accurate carrier signal frequencies. This system is used in both the transmitters and tuners, so that a stable carrier is generated at the transmitter, and accurately tuned in at the tuner. This PLL-controlled system provides highly stable, user-selectable frequencies in increments of 125 kHz.

Space Diversity Reception System

Typically, wireless microphone transmission systems can be subject to reception interruptions (signal dropout), but UWP series tuners reduce this to a minimum. By utilizing a space-diversity reception system, it achieves stable reception by using dual-antenna inputs/reception circuits. These receive signals over two different paths and automatically select the stronger RF signal for output.

Tone Squelch Circuitry

To avoid picking up carrier signals transmitted from other systems, the transmitter transmits a 32 kHz pilot-tone signal along with the audio signal. The tuner's squelch circuit recognizes this tone signal, and outputs the audio signal only when this tone signal is received. This function prevents the output of unwanted signals and noise from other signal transmissions in

the air, as well as the RF noise and popping noise that occur when the transmitter is powered on or off.

Simultaneous Multi-Channel Operation
Simultaneous operation of up to 16 wireless microphones. Optimum combinations of practically tested, interference-free frequencies are stored in the tuner. By using the pre-programmed frequency groups, users can easily choose interference-free frequencies for the transmitters and tuners, simplifying the task of system setup.

Specifications

General Specifications

Frequency Range	566 MH to 590 MHz (TV channels 30 to 33) Users may choose from 188 frequencies on each model
Occupied RF Bandwidth	24 MHz
Compatibility	For use with UWP and UWP-D (in UWP compander compatibility mode) Series wireless products operating on the same frequencies

Supplied Accessories

Supplied Accessories	Microphone holder (x1) screw adaptor (x1)

Related products

MB-X6

Tuner Base Unit

Gallery

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