

SONY

UWP-X1/67

Belt pack transmitter with diversity receiver module

Compact, rugged wireless models from Sony have revolutionised the newsgathering process, allowing camera operators to acquire superb quality audio without the need for a dedicated boom operator or the intrusion of a wired microphone in shot.

Teaming “plug and play” simplicity with stable performance and extended battery life, there is a complete range of Sony wireless transmitters and receivers to meet the needs of ENG/EFP, presentation and live performance.

If you're looking for all the benefits of interference free wireless operation at an affordable cost, finding the perfect solution is now easier than ever before with the adaptable new UWP range. Just select the system elements you need or pick one of six turnkey packages – comprising microphone, transmitter and receiver – and enjoy superb performance right out of the box, with professional features found on far more expensive wireless systems.

Features

Diversity Reception

The UWP portable receiver has diversity reception that ensures stable RF performance. It helps guard against the reception of unwanted and reflected signals that can adversely affect the performance and range of a wireless microphone system

LCD display on transmitter and receiver

Both the transmitter and receiver have an easy to read LCD display that make operation and monitoring of the system very simple. The displays have a variety of modes that allow for different forms of information to be displayed dependant on the users preferences.

AA cell operation

As with all portable wireless systems there is a requirement for batteries. The UWP C series utilizes AA cells

that are readily available and offer a cost saving to the user.

ABS housings

The wireless microphone housings are constructed from ABS and offer a robust solution that will handle the everyday knocks and yet it remains lightweight.

Supplied Accessories

Each UWP package comes complete with a variety of supplied accessories. The receiver has several mounting options as does the beltpack. The handheld microphone package comes with the necessary mic clips and stand adaptors.

PLL synthesizer

The PLL synthesizer offers an operating band of 24MHz and this in turn provides the user with 192 channels to choose from with 125KHz channel spacing.

Benefits

Proven Technology

The UWP series is based around proven technology that offers high levels of performance at a greatly reduced price. Sony has long been established in the wireless microphone market and brings together a wealth of knowledge and technical expertises to provide the latest wireless microphone packages.

Complete packages

The UWP series comes in complete packages with everything you need to operate the wireless system. All accessories are included.

Low running costs

The UWP units operate on AA batteries as opposed to the traditional 9 volt (PP3). This reduces running costs to

the user. A surprising amount of money can be saved over a very short period of time. Running costs are not always considered when choosing a wireless microphone system.

Technical Specifications

UWP-C Series Portable receiver

Type of reception	Space diversity
Oscillator type	Crystal controlled PLL synthesizer
Receiving frequencies	798 to 862MHz
Operating frequency band	24MHz BW
Antenna	1/4 wave length
Signal to noise ratio	60dB or more
Squelch level	15dBmReference deviation ±5kHz
Frequency response	50Hz to 18kHz
Distortion	1.0% or less at 1kHz modulation
Tone signal	32kHz
Audio output level	-58dBm
Audio output connector	3.5mm dia. mini jack
Headphones output level	5mW
Display/ Indicator	LCD : Channel, Frequency, Audio level, RF level,Accumulated operation time LED : RF status
Battery	3.0V DC (two LR6/AA-size alkaline batteries)
Battery life	Approx. 6 hours
Dimensions	63.0 x 100.0 x 30.0mm (W/H/D)
Mass	180g (including batteries)

Beltpack Transmitter C1 Package

Oscillator type	Crystal controlled PLL synthesizer
Carrier frequency	798 to 862MHz
Operating frequency band	24MHz BW
RF output power	30mW / 5mW selectable
Antenna	1/4 wave length
Reference deviation	±5kHz
Frequency response	50Hz to 18kHz
Distortion	1.0% or less
Signal to noise ratio	60dB or more
Audio input connector	3.5mm dia. Mini jack
Audio input level	-60dBV to -39dBV
Tone signal	32kHz
Attenuator	0 to 21dB, in 3dB steps
Display / Indicator	LCD : Channel, Frequency, Audio level, RF level, Accumulated operation time LED : Power ON
Battery	3.0V DC (two LR6/AA-size alkaline batteries)
Battery life	Approx. 6 hours
Dimensions	63.0 x 100.0 x 27.0mm (W/H/D)
Mass	140g (including batteries)

Handheld Transmitter C2 Package

Capsule	Dynamic
Directivity	Uni-directional
Oscillator type	Crystal controlled PLL synthesizer
Carrier frequency	798 to 862MHz
Operating frequency band	24MHz BW
RF output power	30mW / 5mW selectable
Antenna	1/4 wave length wire (internal)
Reference deviation	±5kHz
Frequency response	100Hz to 18kHz
Distortion	1.0% or less

Signal to noise ratio	60dB or more
Tone signal	32kHz
Attenuator	0 to 21dB, in 3dB steps
Display / Indicator	LCD : Channel, Frequency, Audio level, RF level, Accumulated operation time LED : Power ON
Battery	3.0V DC (two LR6/AA-size alkaline batteries)
Battery life	Approx. 6 hours
Dimensions	52.0 (dia) x 240.0mm
Mass	300g (including batteries)

Supplied Accessories

Operating instructions
Output lead for receiver
Microphone holder and stand adaptor (C2 package)
Lavalier microphone with tie clip and windshield (C1 package)
Camera hotshoe mount
Beltclip for receiver.
Beltclip for transmitter (C1 package)