

## UWP-D27

UWP-D complete wireless audio package with seamless Sony cameras integration.



### Specifications

#### UTX-B40 bodypack transmitter

Oscillator Type                      Crystal-controlled PLL synthesizer

Antenna Type                            1/4  $\lambda$  wave length wire antenna

Carrier Frequencies

14UC : 470.125 MHz to 541.875 MHz  
(UHF-TV channels 14 to 25)

25UC : 536.125 MHz to 607.875 MHz  
(UHF-TV channels 25 to 36)

42LA : 638.125 MHz to 697.875 MHz  
(UHF-TV channels 42 to 51)

90UC : 941.625 MHz to 951.875  
MHz, 953.000 MHz to 956.125 MHz,  
and 956.625 MHz to 959.625 MHz

21CE : 470.025 MHz to 542.000 MHz  
(UHF-TV channels 21 to 29)

33CE : 566.025 MHz to 630.000 MHz  
(UHF-TV channels 33 to 40)

42CE : 638.025 MHz to 694.000 MHz  
(UHF-TV channels 42 to 48)

	29CN : 638.025 MHz to 694.000 MHz (UHF-TV channels 29-35) BJ : 806.125 MHz to 809.750 MHz KR : 925.125 MHz to 937.500 MHz
RF Output Power	30 mW/5 mW selectable (UC, U, CE, LA, CN models) 10 mW/2 mW selectable (J, E, KR models)
Capsule Type	Elect retcondenser
Directivity	Omni-directional
Input Connector	3.5 mm diameter 3-pole locking mini jack
Reference Audio Input Level	-60 dBV (MIC input, GAIN MODE set to NORMAL, 0 dB attenuation) +4 dBu (LINE input)
Audio Attenuator Adjustment Range	0 dB to 27 dB (3 dB steps)
Frequency Response	23 Hz to 18 kHz (Typical) (UC, U, CE, LA, CN, E, KR models) 40 Hz to 15 kHz (Typical) (J model)
	60 dB (-60 dBV, 1 kHz input) 102 dB (GAIN MODE set to AUTO)
Signal-to-Noise Ratio	GAIN, max.)

	96 dB (GAIN MODE set to NORMAL, max.)
Distortion	0.9% or less (-60 dBV, 1 kHz input)
Audio Delay	Approx. 0.35 ms
Tone Signal Frequency	In UWP-D compander mode: 32.382 kHz In UWP compander mode: 32 kHz In WL800 compander mode: 32.768 kHz
Display	OLED
Power Requirements	DC 3.0 V (two LR6/AA size alkaline batteries) DC 5.0 V (supplied from USB Type-C connector)
Battery life*	Approx. 8 hours with output power of 30 mW (UC, U, CE, LA, CN models) Approx. 10 hours with output power of 10 mW (J, E, KR models) * Battery life has been measured with two Sony LR6/AA size alkaline batteries at 25 °C (77 °F).
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)

Storage/Transport Temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Dimensions	63 x 73 x 19 mm (2 1/2 x 2 7/8 x 3/4 in.) (W / H / D) (excluding antenna)
Mass	Approx. 83 g (2.9 oz) (excluding batteries)

## URX-P41D Dual Channel Portable Receiver

Oscillator Type	Crystal-controlled PLL Synthesizer
Reception Type	Space diversity*
Antenna Type	1/4 $\lambda$ wavelength wire antenna (angle-adjustable)
Carrier Frequencies	<p>14UC: 470.125 MHz to 541.875 MHz(UHF-TV channels 14 to 25)</p> <p>25UC: 536.125 MHz to 607.875 MHz (UHF-TV channels 25-36)</p> <p>42LA: 638.125 MHz to 697.875 MHz(UHF-TV channels 42-51)</p> <p>90U: 941.625 MHz to 951.875 MHz, 953.000MHz to 956.125 MHz, and 956.625MHz to 959.625 MHz</p> <p>21CE: 470.025 MHz to 542.000 MHz(UHF-TV channels 21-29)</p> <p>33CE: 566.025 MHz to 630.000</p>

	<p>MHz(UHF-TV channels 33-40)</p> <p>42CE: 638.025 MHz to 694.000 MHz (UHF-TV channels 42-48)</p> <p>29CN: 638.025 MHz to 694.000 MHz(UHF-TV channels 29-35)</p> <p>BJ: 806.125 MHz to 809.750 MHz</p> <p>KR: 925.125 MHz to 937.375 MHz</p>
Frequency Response	<p>23 Hz to 18 kHz (typical) (UC, U, LA, CN, CE7, KR, E models)</p> <p>40 Hz to 15 kHz (typical) (J model)</p>
Distortion (T.H.D)	0.9% or less (1 kHz sine wave, 5kHz modulation)
Signal-to-Noise Ratio	<p>60 dB (1 kHz sine wave, 5 kHz modulation)</p> <p>96 dB (max deviation, A-weighted)</p>
Audio Delay	<p>Approx. 0.35 ms (analog output)</p> <p>Approx. 0.24 ms (digital output)</p>
Analog Input	3.5-mm diameter 3-pole locking mini jack (unbalanced)
Analog Input Level	-50dBV ( $\pm 12$ dB Adjustable, 3-dB step)
Audio Output level	<p>-60 dBV (3.5-mm diameter 3-pole locking mini jack, analog output)</p> <p>-20 dBFS (external connection, digital output)</p>

-50 dBV (external connection,  
analog output)

Audio Output Adjust Range	-12dB to +12dB (3dB step)
Audio Output connector	3.5mm diameter 3-pole locking mini jack (balanced), External connection
Headphone Output Connector	3.5mm diameter mini jack
Headphone Output Level	Max. 10 mW (16-ohm)
Tone signal frequency	In UWP-D compander mode: 32.382 kHz In UWP compander mode: 32 kHz In WL800 compander mode: 32.768 kHz
Display	OLED
Power Requirements	DC 3.0 V (with two AA-size alkaline (LR6) batteries) DC 5.0 V (supplied from USB Type-C connector)
Battery Life	Approx. 4.5 hours with two AA-size alkaline (LR6) batteries at 25 °C (77

°F), DISPLAY MODE set to AUTO  
OFF

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Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
Storage/ Transport Temperature	-20°C to +55°C (-4°F to +131°F)
Dimensions	63 × 70 × 35 mm (2 1/2 × 2 7/8 × 1 7/16 in.) (W / H / D) (excluding antenna)
Mass	Approx. 159 g (5.6 oz) (excluding batteries)

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## Note

\* True Diversity for 1ch use /  
Dynamic Switching Diversity for  
2ch use

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## Related products



### **PXW-Z280**

World's first 4K Handheld Camcorder with 1/2-type 3CMOS with 4K 50p/60p recording capability, 12G-SDI, Dual Link

Cellular capability, 17x  
zoom lens, advanced  
Face Detection AF



## Gallery

