

## 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 | <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 to 36)</p> <p>42LA : 638.125 MHz to 697.875 MHz (UHF-TV channels 42 to 51)</p> <p>90UC : 941.625 MHz to 951.875 MHz, 953.000 MHz to 956.125 MHz, and 956.625 MHz to 959.625 MHz</p> <p>21CE : 470.025 MHz to 542.000 MHz (UHF-TV channels 21 to 29)</p> <p>33CE : 566.025 MHz to 630.000 MHz (UHF-TV channels 33 to 40)</p> <p>42CE : 638.025 MHz to 694.000 MHz (UHF-TV channels 42 to 48)</p> |

|                                      |  |
|--------------------------------------|--|
|                                      | 29CN : 638.025 MHz to 694.000 MHz<br>(UHF-TV channels 29-35)<br>BJ : 806.125 MHz to 809.750 MHz<br>KR : 925.125 MHz to 937.500 MHz |
| RF Output Power                      | 30 mW/5 mW selectable (UC, U,<br>CE, LA, CN models)<br>10 mW/2 mW selectable (J, E, KR<br>models)                                  |
| Capsule Type                         | Elect retcondenser   |
| Directivity                          | Omni-directional   |
| Input Connector                      | 3.5 mm diameter 3-pole locking<br>mini jack  |
| Reference Audio Input<br>Level       | -60 dBV (MIC input, GAIN MODE set<br>to NORMAL, 0 dB attenuation)<br>+4 dBu (LINE input)   |
| Audio Attenuator<br>Adjustment Range | 0 dB to 27 dB (3 dB steps)   |
| Frequency Response                   | 23 Hz to 18 kHz (Typical) (UC, U,<br>CE, LA, CN, E, KR models)<br>40 Hz to 15 kHz (Typical) (J model)                              |
|                                      | 60 dB (-60 dBV, 1 kHz input)<br>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:<br>32.382 kHz<br>In UWP compander mode: 32 kHz<br>In WL800 compander mode: 32.768 kHz  |
| Display               | OLED  |
| Power Requirements    | DC 3.0 V (two LR6/AA size alkaline batteries)<br>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)<br>Approx. 10 hours with output power of 10 mW (J, E, KR models) *<br>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 | 14UC: 470.125 MHz to 541.875 MHz(UHF-TV channels 14 to 25)<br>25UC: 536.125 MHz to 607.875 MHz (UHF-TV channels 25-36)<br>42LA: 638.125 MHz to 697.875 MHz(UHF-TV channels 42-51)<br>90U: 941.625 MHz to 951.875 MHz, 953.000MHz to 956.125 MHz, and 956.625MHz to 959.625 MHz<br>21CE: 470.025 MHz to 542.000 MHz(UHF-TV channels 21-29)<br>33CE: 566.025 MHz to 630.000 |

|                       |  |
|-----------------------|--|
|                       | <p>MHz(UHF-TV channels 33-40)</p> <p>42CE: 638.025 MHz to 694.000 MHz<br/>(UHF-TV channels 42-48)</p> <p>29CN: 638.025 MHz to 694.000<br/>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,<br/>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<br/>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<br/>locking mini jack, analog output)</p> <p>-20 dBFS (external connection,<br/>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),<br>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:<br>32.382 kHz<br>In UWP compander mode: 32 kHz<br>In WL800 compander mode: 32.768 kHz |
| Display                    | OLED   |
| Power Requirements         | DC 3.0 V (with two AA-size alkaline (LR6) batteries)<br>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

---

|                                |  |
|--------------------------------|--|
| 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)                                 |

---

## Note

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

---

## 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

