

Product Specifications

UR5 Portable Wireless Receiver

Overview

The UR5 is a premium portable wireless microphone receiver component, designed to provide Shure UHF-R®-class wireless technology, performance and quality for professional broadcast and media production applications. Featuring wide-band frequency tuning, hands-on navigation, rechargeability and a wide variety of mounting options, the UR5 is the clearest choice for wireless portability.

- Full bandwidth scan & sync at the touch of a button
- 2400 selectable frequencies across 60 MHz bandwidth
- Audio Reference Companding for crystal-clear audio
- Feature-rich, hands-on navigation control
- MTx (Multi-transmitter) Mode
 - Populate multiple transmitters with open frequencies
- Headphone monitoring output jack
- Mic & Aux-level balanced output
- Full range of mounting and power options, including Anton/Bauer plate mounting accessories

Product Specifications

RF Carrier Range	470 – 952 MHz (varies by region)
Modulation	FM, ± 45 kHz maximum deviation
Antenna	Switching diversity
Dynamic Range	> 100 dBm _{rms} , A-weighted
RF Sensitivity	< -106 dBm for 12dB SINAD, -88 dBm for 30 dB SINAD
Image Rejection	> 100 dB (typical) (ref. 12dB SINAD)
Spurious Rejection	> 80 dB (typical) (ref. 12dB SINAD)
Power Requirements	2 AA alkaline, Shure Lithium-ion Rechargeable Battery, DC power
Squelch Threshold	30 dB SINAD (± 3 dB) normal setting
Compatible Channels	Per band: 40 (band dependent)
Tuning Bandwidth	60 – 72 MHz (band dependent)
Frequency Stability	± 2.5 ppm
Pilot Tone	UHF-R Mode: 32 kHz tone key pilot Axient Mode: 28 kHz tone key pilot
Audio Frequency Response	50Hz – 16 kHz
Ultimate Quieting	> 100 dBm _{rms} , A-weighted
Total Harmonic Distortion	< 0.4% THD (typical) (ref. ± 20 kHz deviation @ 1 kHz)
Signal-To-Noise Ratio	90 dB (typical) (A-Weighted)
Companding	Patented Shure Audio Reference Companding
Camera Output	Electronically balanced Configuration: mono, TA3 Maximum output power: adjustable -35dBV to +10dBV peak Pin Assignment: Pin 1 = Gnd Pin 2 = Hot Pin 3 = Cold
Headphone Output	Adjustable range Configuration: Unbalanced mono (L=R), 1/8 inch Minimum load impedance: 9.5 ohms Impedance: 3.5 ohm Maximum output power: 100mW Pin Assignment: Tip = Hot Ring = Hot Sleeve = Gnd
Operating Temperature	T-18°C to +57°C (0° to +135° F)
Battery Life	4 hours AA Alkaline, 8 hours Shure Rechargeable Li-ion
Net Weight	200 g (with AA batteries)
Dimensions	83 mm X 65 mm X 22 mm



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Furnished Accessories

WA451	TA3F - XLR Cable	AFP512	Camera Shoe Mount
WA461	TA3F - 3.5mm Cable		

Optional Accessories

AFP522	Plate Mounting Accessory	SB900A	Lithium-ion Rechargeable Battery
AFP522DC	Plate Mounting Accessory with DC Power	SBC800	8-Bay Battery Charging Station
95A2314	Zippered Carrying Bag		

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