

## WF-U99 INEAR UHF 99-CHANNEL STEREO IN-EAR MONITOR SYSTEM

WF-U99 INEAR monitoring system is for all those professionals who need maximum mobility on stage without losing a reliable stereo monitoring system and high-quality audio. Rugged, reliable, easy to transport and install, the WF-U99 INEAR features independent Stereo/Mono modulation functions, PLL technology, and 99 channels. The pocket receiver is equipped with illuminated LCD and is absolutely easy to set up. It is supplied with earphones that provide an optimal reproduction of the entire audio spectrum. In the package, you can also find various ear-fitting pads for an individual fit. The half-rack receiver unit is provided with a 19" standard rack mount kit. All connections are balanced and assure maximum audio standards.



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## PRODUCT DETAILS

### KEY FEATURES

UHF Phase Lock circuit, stable and low harmonic radiation

99-Channels in 10 Groups with frequencies arranged in order to avoid interferences

823-832MHz + ISM Europe (863-865MHz) Carrier Wave Frequency Range

User-friendly interface with a wide illuminated LCD Display

Independent Mono/Stereo Modulation Function between Transmitter and Receiver

Excellent circuit design to achieve the best signal/noise ratio

Supplied with High-Dynamics Earphones in soft Case

Compact and robust Receiver Configuration Design

19" Standard Rack Mount Transmitter with Mounting Kit

Balanced/Unbalanced Inputs with Combo Connectors

Detachable antenna with BNC connector

### SPECIFICATIONS

<b>Carrier Frequency</b>	UHF 823-832 + 863-865 MHz
<b>Modulation</b>	FM Stereo
<b>Output Power</b>	10mW
<b>Effective Working Distance</b>	80 meters (without obstacles)
<b>Oscillation Mode</b>	PLL phase-locked frequency synthesizer
<b>Maximum Deviation</b>	±68KHz

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<b>Comprehensive S/N ratio</b>	>105dB
<b>Comprehensive T.H.D</b>	<0.4% @1 KHz
<b>Audio Input</b>	2x Line-Inputs with Combo Connectors (XLR and jack 6.3mm)
<b>Transmitter Audio Output</b>	6.3mm Stereo Jack (Headphones)
<b>Transmitter Size (WxHxD)</b>	210 x 43 x 182 mm
<b>Transmitter Weight</b>	1.06 kg
<b>Frequency Response</b>	40Hz-16KHz±3dB
<b>Stereo Separation</b>	=45dB @1 KHz
<b>Receiver Output socket</b>	3.5mm stereo headphone jack
<b>Receiver Output Power</b>	2x150mW (THD3%)
<b>Battery</b>	2x AA-Type Batteries
<b>Receiver Current consumption</b>	185mA (typical)
<b>Battery Current/life</b>	About 7 hours
<b>Receiver Size (WxHxD)</b>	66 x 111 x 26 mm (antenna excluded)
<b>Receiver Antenna Size (W/DxH)</b>	Ø4 x 105 mm
<b>Receiver Weight</b>	143 g (batteries included)
<b>Packing Size (WxHxD)</b>	315 x 102 x 44 mm