

ZRX-HR50

DWZ Series digital wireless half-rack receiver



Overview

Rack-mount receiver ideal for vocalists, guitar and bass, and other instruments

The ZRX-HR50 is supplied with the DWZ-M50, DWZ-B50GB, and DWZ-B50I packages. A large colour LCD display provides detailed visual status of your selected channel, signal, and five-band digital equalizer, along with audio level, and transmitter battery life.

Superb digital sound

With 24-bit linear PCM digital, you get high sound quality with reliable RF transmission, utilising unique transmission technology developed by Sony. Also, with support for two RF modes, your experiences can be shared over WiFi.

Features

Superb digital sound quality

High-quality 24-bit linear PCM digital transmission offers pristine audio and a wide frequency range of 10 Hz to 22 kHz. Audio performance degradation that's typical of conventional analogue wireless systems is avoided, as these packages are designed without the need for a compander.

Two RF modes for reliable transmission

The DWZ Series provides two selectable RF modes. Simply choose the one that makes best use of your actual 2.4 GHz RF

environment:

Wide Band Hopping mode

This mode reduces interference to other wireless equipment used in the same environment such as WiFi. There's no need for advanced technical knowledge about radio frequency. Wide Band Hopping mode also supports additional error correction for more secure transmission*1.

Narrow Band Hopping mode

This mode helps to avoid interference from other devices – for example, 2.4 GHz wireless remote controllers that are commonly used for lighting control. This enables frequencies to be coordinated when using multiple wireless systems simultaneously*2.

*1 Audio delay: Approx. 6 ms

*2 Audio delay: Approx. 3 ms

Stable transmission

Interruptions in reception (signal dropout) can be a problem with wireless microphone transmission systems. With the DWZ Series, however, dropouts are reduced to a minimum. Utilizing a space diversity reception system, stable reception is achieved by using dual-antenna inputs / reception circuits. These receive signals over two different paths and automatically select the stronger RF signal for output.

Large colour LCD

The ZRX-HR50 half-rack size receiver includes a large colour LCD display to provide detailed visual status of your selected channel, signal, and five-band digital equalizer, along with audio level,

and transmitter battery life.

Fast and easy setup

With its Clear Channel Scan and Best Channel Selection features, the half-rack ZRX-HR50 detects unoccupied channels and selects the most appropriate channel automatically, for fast and easy system setup.

Wired / wireless seamless operation

The ZRX-HR50 is equipped with a Cable Tone Generator feature to simulate a wired tone when using wireless. There's no need to adjust the equalizer setting on your amplifier when switching between wired and wireless. Simply set the Cable Tone Generator menu on the ZRX-HR50 display to match the desired wired tone.

Five-band equaliser

With the five-band digital equalizer in the half-rack ZRX-HR50 receiver, you'll find it's easy to adjust the sound character of your handheld microphone as desired.

Tuner out interface

Tuner output is available for tuning. The ZRX-HR50 also has a transmitter-muting selector which provides a choice of connectors that can be muted.

Rack-mountable 1U half-rack size with detachable whip antenna

The unit is mountable with optional RMM-HRD1 rack mount kit.

Variety of interfaces

The unit features 3-way parallel audio output, ¼" TS phone (x2), and balanced XLR (x1).

Gallery

