

## DWZ-B50GB

DWZ Series digital wireless set for guitar and bass with half-rack receiver



### Overview

**Package features ZRX-HR50 digital wireless half-rack receiver, ZTX-B01 digital wireless body-pack transmitter and GC-0.7BMP guitar cable**

The guitar set version of the DWZ digital wireless microphone system offers high quality 24-bit / 48KHz linear PCM digital transmission and has a cable tone generator and guitar cable. It has customisable sound quality with a 5-band equalizer for increased control and features an easy-to-use large colour LCD for improved visibility.

### **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.

### **Adjustable attenuator**

Adjustable transmitter attenuators allow you to select proper audio input levels from the microphone and instruments. The ZTX-B01 can be switched between instrument and microphone input.

### **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 ZRX-HR50 is mountable with optional RMM-HRD1 rack

mount kit.

### **Variety of interfaces**

The ZRX-HR50 features 3-way parallel audio output, 1/4" TS phone (x2), and balanced XLR (x1).

### **Robust metal body**

The ZTX-B01 is made of strong durable metal. Metal construction supports reliable use in rough operating conditions.

### **Easy-to-use operation**

The ZTX-B01 features a muting function for tuning. In addition, a lock function protects from inadvertent setting changes.

## Gallery

