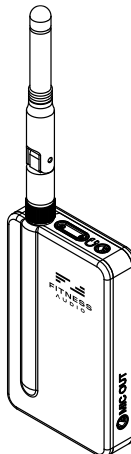




# Operation manual

## DX6-PR

Single-Channel Three Redundancy Digital Receiver

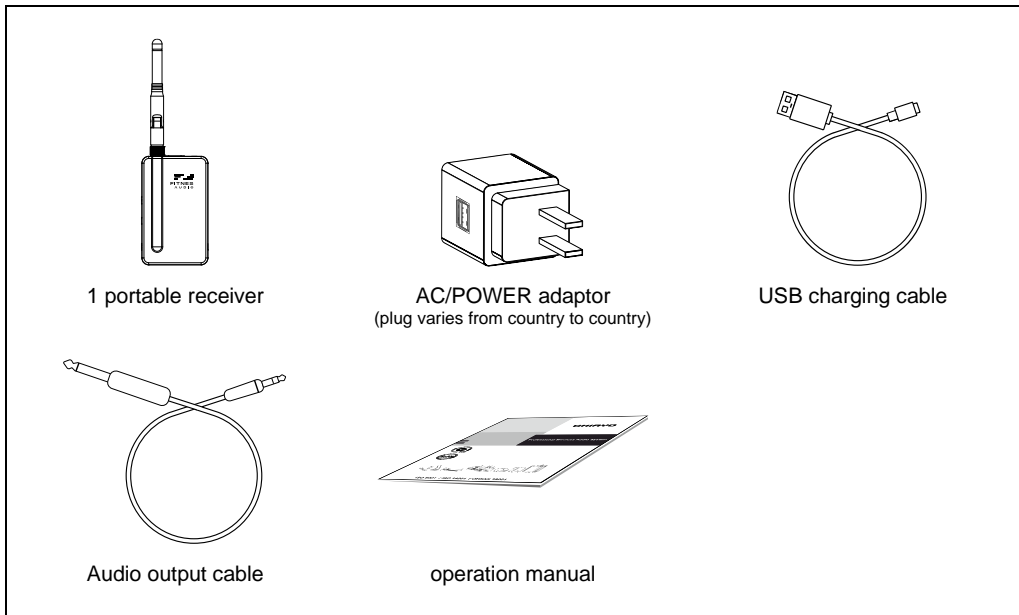


# DX6-PR Single-Channel Three Redundancy Digital Receiver

## Introduction

Thank you for choosing Fitness Audio digital wireless microphone system!  
For more details, please take a few moments to read this operating manual for thorough understanding of the function and operation of both transmitter and receiver.

## In the box



## Advisory

1. Do not store or operate this product near a heat source or in an environment of extreme temperatures.
2. Avoid exposure to rain or any other source of moisture.
3. Do not submerge in water. If exterior is exposed to water, wipe dry before use.
4. Do not attempt to open the casing or make any modification to the internal electrical components. Electric shock or injury may result.
5. Any unauthorized modification to this product will void any applicable warranties.

### Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Caution

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

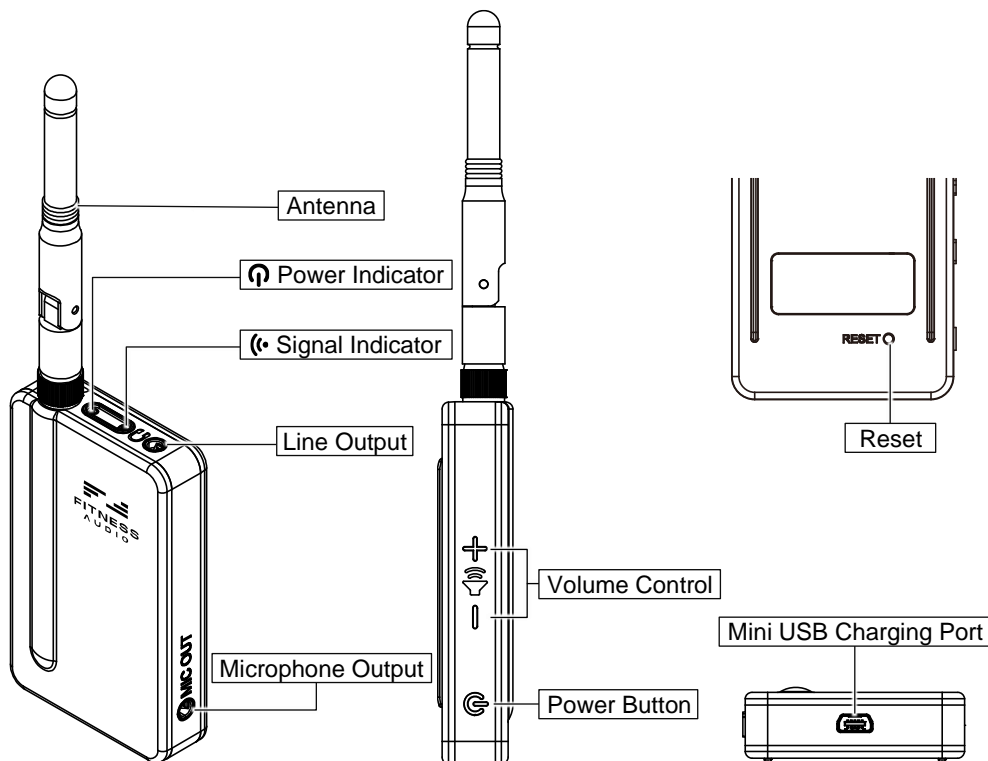
### FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

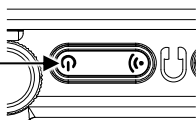
## Parts and functions



### Power On/Off

Turn on the DX6-PR by pressing and holding the power button for 1 second. It may take a few seconds for the transmitter and receiver to connect and show solid green signal indicator lights.

### Power Indicator



The power indicator will change color or blink to show the battery status.



**GREEN:** more than 50% battery remains



**ORANGE:** between 30-50% battery remains

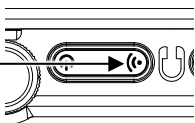


**RED:** 10-30% battery remains.



**BLINKING RED:** Less than 10% battery remains. Charge soon or risk losing audio.

Signal Indicator



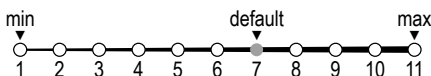
**SOLID GREEN:** The receiver is paired and communicating with the transmitter.



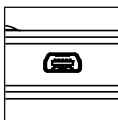
**FLASHING GREEN:** the receiver is not connected to the transmitter, or has gone out of range. If this light remains blinking, the units will have to be paired again. See detailed instructions on pairing on P.4.

## Volume Control

Use the the plus (+) / minus (-) button to increase / decrease the microphone output gain level. A change in line level will also correspond with the change in microphone output gain level. The volume control has a total of 11 increments. Each time the unit is powered on it will start at the default volume setting. There are 4 increments of volume increase available above the default level and 6 increments of volume decrease available below the default level.



## Internal battery and charging



The receiver has an internal lithium-ion rechargeable battery. It charges via the mini USB port located at the bottom. For charging, plug the mini end of the USB cable into the receiver's charging port and

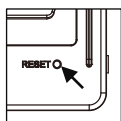
- A. plug the USB-A end into the included AC adapter (to be plugged into a power socket).
- B. plug the USB-A end into a computer USB port or power bank.



While the RX is charging, the power indicator light will flash GREEN.



This light will turn off to let you know charging is complete. The full charge time is approximately 2.5 hours. It is also possible to operate the receiver while being charged.



## Reset button

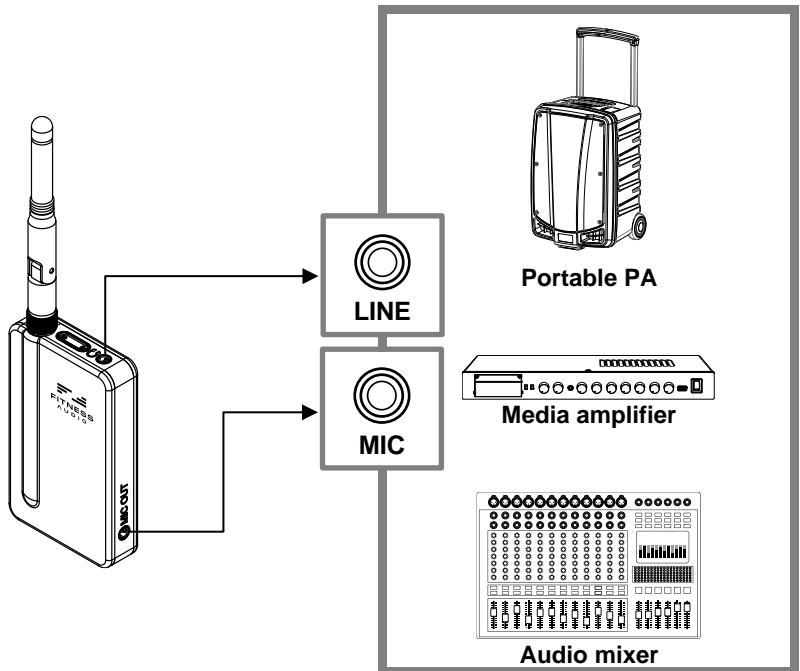
The receiver has a recessed reset button located on the back. The reset button acts as a backup to the power button's "off" function. In case the RX's power button is unresponsive, the reset button can be used to power it off. To use the reset button, the unit must be powered on. Press the reset button by using a thin, rigid object like a paper clip or tip of a pen; push and hold for 1 second and then release. The unit will power off and need to be turned on again.

## Microphone output

The microphone output on the receiver is a 3.5 mm, unbalanced TRS stereo jack that outputs a microphone level audio signal. Use the included audio output cable (3.5mm to 6.3mm) to connect the receiver to the mic input (6.3mm) of the amplifier. Be advised that the DX6-PR receiver's MIC OUT is not compatible with line level inputs labeled as LINE or AUX.

## Line output

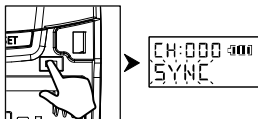
The line output is a 3.5 mm, unbalanced TRS stereo jack that outputs a line level signal that is generally intended for the amplifier's line / aux input (6.3mm). Be advised that the DX6-PR receiver's LINE OUT is not compatible with mic level inputs, such as inputs labeled as MIC.



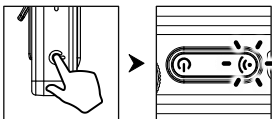
## Pairing the Transmitter and Receiver

If the RX's Signal Indicator light is blinking persistently, this would indicate that the TX and RX units have lost sync and need to be paired. This pairing procedure would also be necessary if you have replaced either of your original TX or RX units and are using it for the first time, or if you want to use additional RX units with your TX.

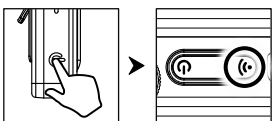
## DX6-PR Single-Channel Three Redundancy Digital Receiver



1. Press and hold the DX6-TF transmitter's "SYNC" button located under the battery cover until it flashes on the LCD Screen.



2. Press and hold the power button on the PR until the signal LED flashes RED indicating pairing mode, then release at which time the DX6-TF will synchronize and the "SYNC" will disappear from the screen and display Channel info instead.



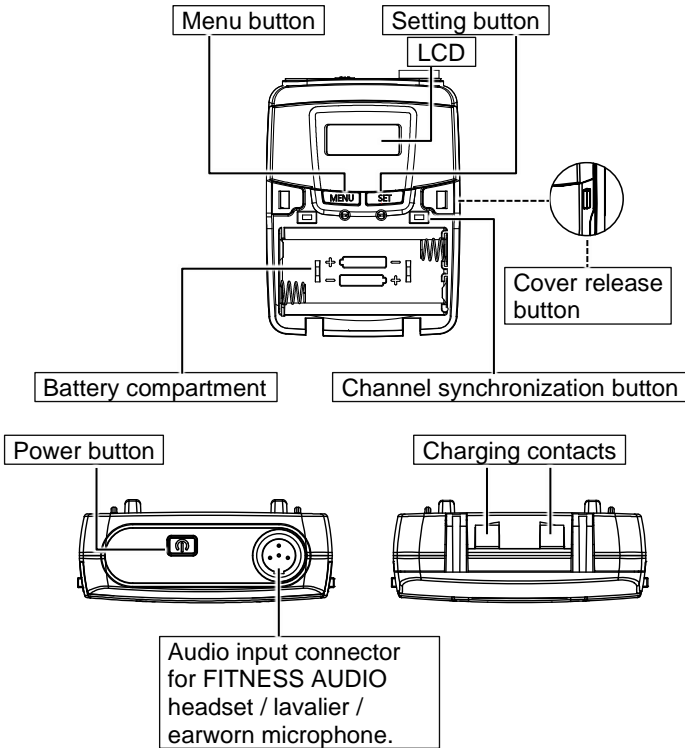
3. Press and release the power button on the PR to complete pairing lock. The signal LED will stop flashing red and a second later will be a steady GREEN indicating that it's connected.

Once the RX and TX units are paired they will remain so for subsequent uses. Pairing will be automatic upon both units being powered on.

### Tips for best results

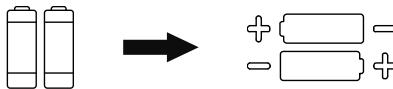
1. For each use of the SYSTEM start with the RX and TX units fully charged.
2. Position the TX and RX with as few physical obstacles between them as possible. While the System can overcome minor obstructions fairly well, a clear line-of-sight between the TX and RX is always best.
3. Over-crowded Wi-Fi environments can make it challenging for the SYSTEM to find a clear channel on which to connect. An over-crowded Wi-Fi environment will also limit the number of Systems that can be used simultaneously in the same area. Consider these limitations when choosing your location.
4. Close proximity to Wi-Fi or Bluetooth equipment can negatively affect performance. Avoid operating the SYSTEM near such equipment whenever possible.
5. The System will automatically scan the 2.4 GHz environment each time it is powered on and choose the best frequencies on which to connect. You can use this to your advantage; if you know of a trouble spot because of its proximity to other 2.4 GHz equipment, turning on the system in a trouble spot will allow it to better avoid frequencies that are already in use. If you encounter an area that causes frequent drop outs while using the system, carry both system units into the trouble spot, power off the units and then power them on again. When the units pair up again they will avoid using any interfering frequencies in the area.

## Parts and functions of DX6-TF transmitter



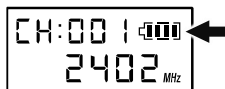
## Battery installation & indicator

- 1 This transmitter requires two AA batteries to operate. To install, remove the battery cover and insert the batteries into the compartment.



- 2 Press the power button to turn on the transmitter. Press and hold the button for 2 seconds to turn off.

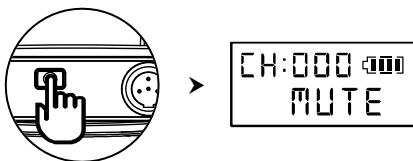
- 3 The battery status can be monitored by the transmitter's LCD



**IMPORTANT:** Batteries contain corrosive acid that may leak and damage the transmitter when stored for a long period. Batteries should be removed from the transmitter before storing without use for more than 4 weeks.

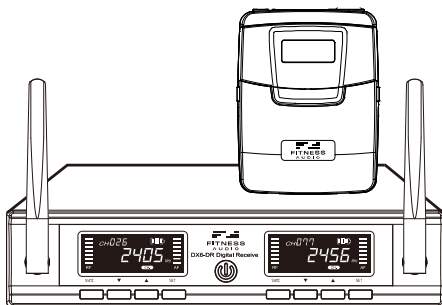
### Audio mute setting

- 1** Press the power button to enable MUTE mode and the signal of microphone will not enter the transmitter. Press again to disable MUTE.



- 2** Under MUTE mode, the transmitter automatically turns off after 5 minutes.

Also available - the Fitness Audio DX6® Digital Music System for permanent installations



Fitness Audio products are distributed worldwide by Fitness Audio Network. They are manufactured to our specifications in Taiwan. Your DX-6 Wireless System is covered against manufacturing defects by a 12 month warranty commencing from your date of purchase.

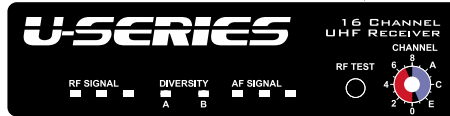






# FITNESS AUDIO PRODUCTS ALSO INCLUDE:

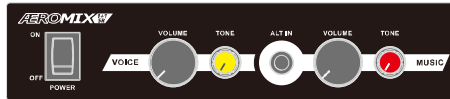
*Fitness Audio U-Series UHF Wireless System*



*Fitness Audio Aerolink AL3.0 Bluetooth Receiver*



*Fitness Audio Aeromix AMX-1+1SR Stereo Voice-over-Music Mixer*



*Fitness Audio Aeromix 3+5LS Stereo Voice-over-Music Mixer*



*Fitness Audio Aeromix 2+2SR Voice-over-Music Mixer*



**Warranty Information**

*(Please retain for your records)*

This product was purchased by:

(Your Business) .....

on (date).../.../... from (Company).....

of (address) .....

Model Number(s).....

Serial Number(s) .....

**⚠ WARNING:** This product can expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Fitness Audio**

Website: [www.fitnessaudionetwork.com](http://www.fitnessaudionetwork.com)



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Made in Taiwan

