



PTG-12

**Professional UHF Wireless
Guitar System
Simple Design, Elegant Sound,
Reliable Performance**



OWNER'S MANUAL

Thank you for purchasing the PHENYX PRO PTG-12 UHF Wireless Guitar System, Wireless Guitar System. This manual includes a description of features and a step-by-step guide to operate the unit. Please read this manual carefully to ensure proper use and operation, and keep it for future reference.

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System Description

Box contents

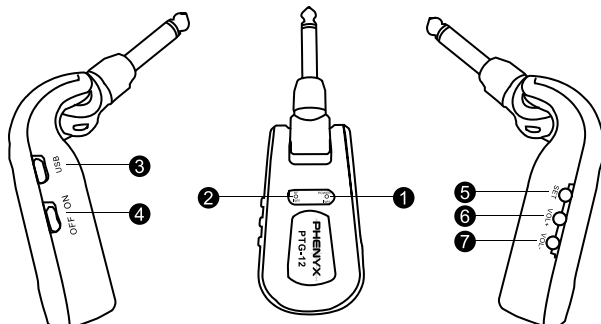
- 1 x Rechargeable guitar receiver
- 1 x Rechargeable guitar transmitter
- 1 x Dual charging cable for both receiver and transmitter
- 1 x User manual

System Overview

Designed for a wide range of applications, Phenyx Pro PTG-12 Wireless Guitar System delivers superior sound quality and reliable performance. The utmost portability of this system, along with the 20 selectable frequency channels and automatic transmitter pair up, makes it an ideal choice for professional setup in occasions like live show, small gigs, weddings, DJs, studio recording etc. This unit delivers high quality audio with less than 3ms delay and minimal distortion. You can use up to 5 sets of transmitters and receivers with multiple instruments in the same setting. Working distance is up to 165ft in wide open space. For longer distance, please avoid metal blocks, multiple walls, and other electronics devices.

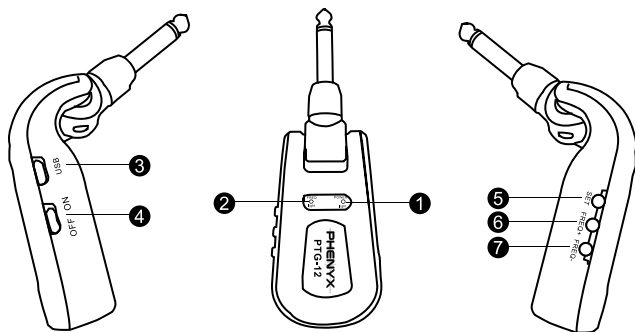


Receiver



- ① **POWER LIGHT**
Power light will turn off when receiver is out of battery.
- ② **RF LIGHT**
RF light will turn green when the transmitter pairs up successfully with the receiver.
- ③ **POWER RECHARGE**
Recharge the receiver with cable included.
- ④ **ON/OFF SWITCH**
Slide right to turn on the receiver.
- ⑤ **SET BUTTON**
Press to confirm volume setting.
- ⑥ **VOL+ BUTTON**
Press this button to increase volume.
- ⑦ **VOL- BUTTON**
Press this button to decrease volume.

Transmitter



- ① **POWER LIGHT**
Power light will turn off when receiver is out of battery.
- ② **FREQ INDICATOR**
FREQ light will flash when selecting channels, and turn off when channel is confirmed.
- ③ **POWER RECHARGE**
Recharge the transmitter with cable included.
- ④ **ON/OFF SWITCH**
Slide up to turn on the transmitter.
- ⑤ **SET BUTTON**
Press this button to confirm the channel.
- ⑥ **FREQ+ BUTTON**
Press this button to select the next frequency group.
- ⑦ **FREQ- BUTTON**
Press this button to select the previous frequency group.

Operating Instructions

Set Up

- 1 – Charge the transmitter and receiver, make sure they are full of battery.
- 2 – Turn on the receiver and connect it into your next stage in your system.
Usually, the next stage equipments will be consumer level receivers, amplifiers, mixers, etc.
- 3 – Turn on the transmitter. Press either **FREQ+** or **FREQ-** button on the transmitter to begin the frequency channel pairing process. When the **FREQ** light is flashing, press the **FREQ+** button or **FREQ-** button to select the frequency channel that you want. Then press the **SET** button again to confirm and wait several seconds for the pairing to finish.
Once the pair up is completed, the **RF** light on the receiver will show green

Operation

- 1 – For better result, keep the transmitters at least 2' away from the receiver but within the transmitter's range (~165ft). Keep the transmitters in a direct line of sight of the receiver whenever possible.
- 2 - You can use multiple receivers at the same time, and set all the transmitters to different channels. Theoretically, up to 10 receivers (20 channels) can be used at the same time. Phenyx Pro recommends no more than 5 receivers (20 channels) to be used together.
- 3 – Electronics devices such as mobile phones, radios, and other transmitting devices may interfere with the wireless system transmitters.
Please keep transmitter and receiver away from those devices and other possible interfering sources.

Specifications

Guitar receiver

Frequency range	550MHz - 580MHz
Frequency stability	<±30 ppm
Number of channel	20 channels
Frequency response	50Hz - 15KHz ±3db
RF Sensitivity	≥-99dbm
Dynamic Range	>100dB
Audio Output	¼" interface
Battery Requirement	Built-in rechargeable lithium battery
Working Distance	50m/164ft

Guitar transmitter

Frequency range	550MHz - 580MHz
Output Power	≤10mW
Modulation Mode	FM
Frequency Mode	Infrared frequency
Battery Requirement	Built-in rechargeable lithium battery
Working Hours	8 hours

Technical Support & Warranty Information

Our Warranty to you:

Phenyx Technology (“Phenyx”) warrants Phenyx products against evident defects in material and workmanship for a period of one year from the date of original purchase for use. This warranty is valid exclusively in the US and applies only to the original owner. If you discover a defect covered by this warranty, Phenyx will repair or replace the product at our sole discretion using new or refurbished components. Performance of repairs or replacements under this Warranty is subject to registration of your product at www.phenyxusa.com/registerproduct.

Product failures not covered by this warranty:

This warranty covers defects in manufacturing that arise from the correct use of the device. It is limited to defects in materials or workmanship and does not cover electrical or mechanical damage resulting from abuse, misuse, unauthorized modification, lack of reasonable care, extreme heat, cold, damage due to natural forces, or corrosive environments. This warranty does not cover the normal wear and tear on covers, housing, connectors, and accessories.

Limits of liability:

If your Phenyx product fails or does not perform as warranted, your sole recourse shall be to replace or repair it as described above. Phenyx will not be liable to you or anyone else for any damages that result from the failure of this product. These damages include, but are not limited to, the following: lost profits, lost savings, lost data, damage to other equipment, and incidental or consequential damages arising from the use of or inability to use this product. IN NO EVENT PHENYX SHALL BE LIABLE FOR MORE THAN THE AMOUNT OF YOUR PURCHASE PRICE, NOT TO EXCEED THE CURRENT LIST PRICE OF THE PRODUCT.

How to obtain service under this warranty:

Please contact us at service@phenyxusa.com or support@phenyxpro.com with any questions or concerns about your products and a Phenyx Pro representative will contact you to provide assistance. You can also reach us through Facebook page <http://www.facebook.com/phenyxusa/>, our official website: www.phenyxusa.com, or our shopping website: www.phenyxpro.com.





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