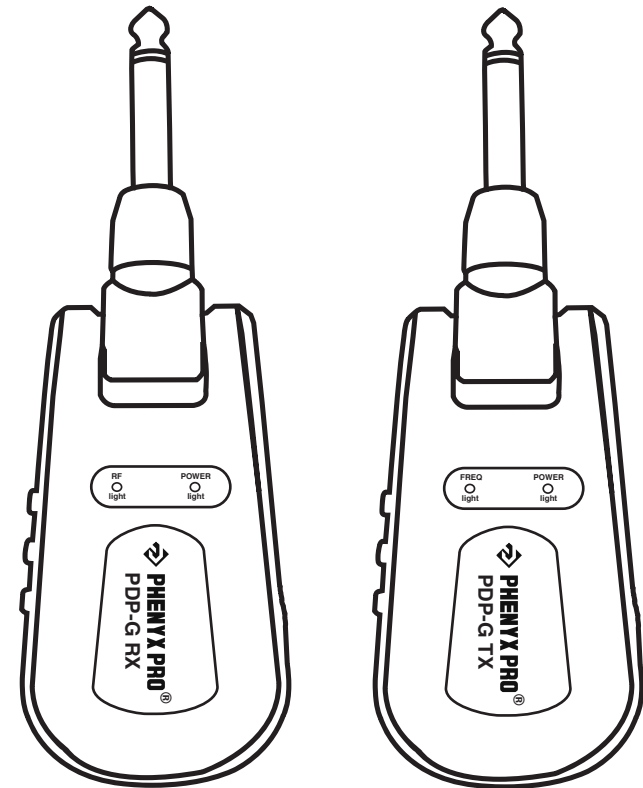




PDP-G

DIGITAL PORTABLE SERIES
2.4GHz Wireless Guitar System



 **PHENYX PRO**[®]
www.phenyxpro.com

OWNER'S MANUAL

Thank you for purchasing the Phenyx Pro PDP-G 2.4GHz Wireless Guitar System. For the best results and the utmost satisfaction for your new unit, please read this manual carefully to ensure proper operation, and keep it for future reference. For more information, please visit our store: www.phenyxpro.com

TECHNICAL SUPPORT & WARRANTY INFORMATION

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SYSTEM DESCRIPTION

System overview

Phenyx Pro always adheres to the mission of inspiring people to achieve next-level sound performance and exploring better techniques to enhance the wireless experience. The PDP-G Wireless Guitar System is our new digital solution that balances convenience and professionalism. With an adjustable frequency design in the 2.4GHz band, it boasts digital circuitry for noise immunity and delivers stellar sound for guitar and bass performance. This is a go-to instrument audio solution for live shows, small gigs, weddings, DJ shows, studio recordings, etc.

System features

- 48 kHz/24-bit digital circuitry transmits encrypted signals to avoid signal crosstalk and deliver pure sound.
- 2.4GHz-band design to avoid interference from other systems in the UHF band.
- 18 tunable frequencies make the system fearless to interference and free of multiset hookup. Available to link up 18 units simultaneously.
- Plug-and-go hookup. Automatically prepare an optimal frequency channel to go.
- Clean sound, no static, less than 3ms delay, ensuring a seamless performance.
- Transmitter mute function for your convenience and safety.
- Up to 50m/164ft working distance in a wide open space line of sight.
- Both the rechargeable receiver and transmitter feature the 600mAh battery for long-lasting working time.

System component

PGR-P	Wireless rechargeable guitar receiver
PGT-P	Wireless rechargeable guitar transmitter
	Micro USB dual charging cable
	User manual

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.

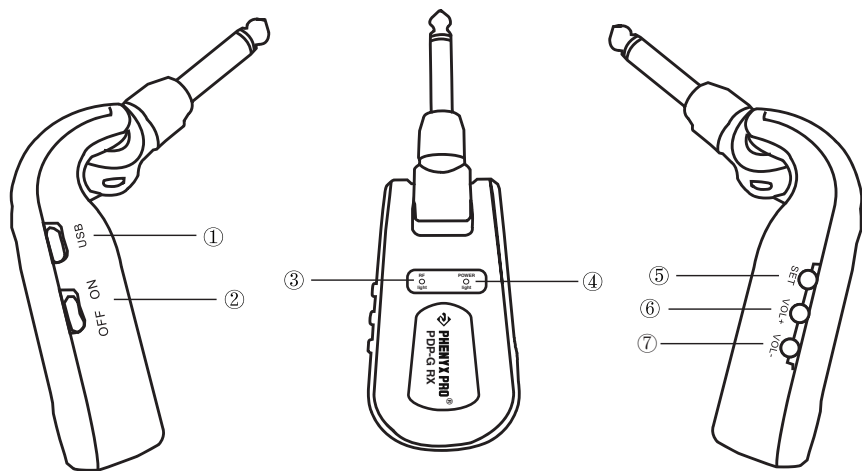
How to obtain service under this warranty:

If you are receiving a system that is defective or you have any questions regarding operation or warranty cover, please contact us at support@phenyxpro.com with any questions or concerns and a Phenyx Pro representative will contact you to provide assistance. You can also reach out to us through our Facebook page: www.facebook.com/phenyxusa/ or our official website: www.phenyxpro.com

FUNCTIONS OF PARTS

Receiver

PGR-P



- ① Micro USB port: The charging port for the rechargeable receiver.
 - ② ON/OFF switch: Toggle it to turn on/off the receiver.
 - ③ RF light: Indicates the status of the RF signal connection. It lights up when the receiver is turned on. When it flashes slowly, the receiver is not paired up with the transmitter; while it stays blue, the receiver and transmitter are successfully synced. When it flashes quickly, the receiver is resetting.
 - ④ Power light: Indicates the battery status. It doesn't light up when the receiver is turned on with enough battery. It lights red and flashes when the receiver is in the low battery status. While charging, the power light stays red; then, it will light off when the receiver is fully charged.
 - ⑤ SET button: For initiating the sync process. Long press about 4 seconds to pair up with a new transmitter. During the pairup process, the RF light flashes quickly.
- *NOTE: After powered on, the receiver will automatically search for an optimal frequency for operation. It is paired up with its transmitter of the same configuration by default. Please initiate the sync process only when it is necessary to pair up with a new transmitter. Long press the SET button of either the receiver or the transmitter to successfully initiate the sync process.**
- ⑥ VOL+ button: Press the button to increase volume. Long press V+ to maximize volume.
 - ⑦ VOL- button: Press the button to decrease volume. Long press V- to minimize volume.

SPECIFICATIONS

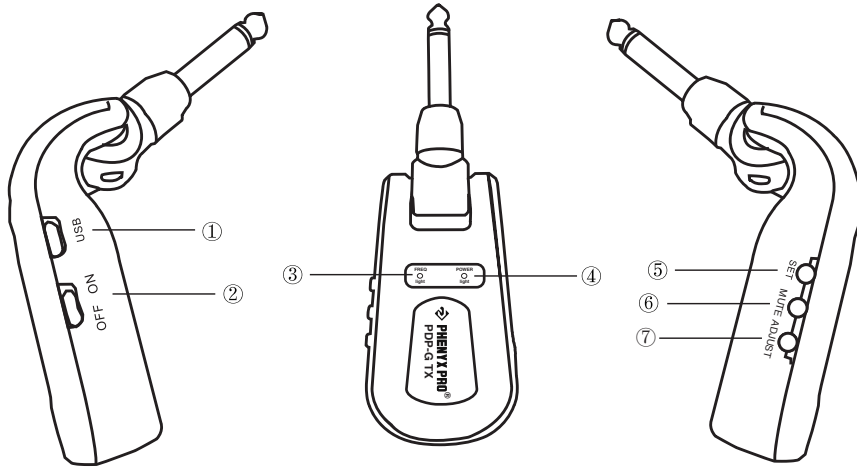
PGR-P Guitar Receiver

Modulation mode	FSK
Frequency mode	Infrared Frequency
Frequency range	2.4GHz
Number of channel	18 channels
Dynamic range	81.06dB
RF Sensitivity	-87dBm
Frequency stability	±800 ppm
Frequency response	50Hz - 15KHz ±3dB
Audio output	1/4" interface
Working distance	50m/164ft
Battery requirement	Built-in rechargeable lithium battery
Battery capacity	600mAh
Working hours	About 5 hours

PGT-P Guitar Transmitter

Modulation mode	FSK
Frequency mode	Infrared Frequency
Frequency range	2.4GHz
Output power	17dBm
Battery requirement	Built-in rechargeable lithium battery
Battery capacity	600mAh
Working hours	About 5 hours

PGT-P



- ① Micro USB port: The charging port for the rechargeable transmitter.
- ② ON/OFF switch: Toggle it to turn on/off the transmitter.
- ③ FREQ light: Indicates the status of the RF signal connection. It lights up when the transmitter is turned on. When it flashes slowly, the transmitter is not paired up with the receiver; while it stays blue, the transmitter and receiver are successfully synced. When it flashes quickly, the transmitter is resetting.
- ④ Power light: Indicates the battery status. It doesn't light up when the transmitter is turned on with enough battery. It lights red and flashes when the transmitter is in the low battery status. While charging, the power light stays red; then, it will light off when the transmitter is fully charged.
- ⑤ SET button: For initiating the sync process. Long press about 4 seconds to pair up with a new receiver. During the pairup process, the FREQ light flashes quickly.
- ⑥ MUTE button: Press the button to mute the transmitter.
- ⑦ ADJUST button: For adjusting the channel the transmitter is working in. After turning on the transmitter, press the button to reset or adjust the channel, and the FREQ light will turn off for a while and then light up again.

***NOTE: The transmitter is paired up with its receiver of the same configuration by default. Please initiate the sync process only when it is necessary to pair up with a new receiver. Long press the SET button of either the receiver or the transmitter to successfully initiate the sync process.**

SETUP GUIDANCE

- Step 1: Charge the transmitter and receiver; make sure they are fully charged.**
- Step 2: Turn on the receiver and connect it to the next stage in your system. Usually, the next stage equipment will be receivers, amplifiers, mixers, etc.**
- Step 3: Turn on the transmitter. By default, the transmitter and receiver will automatically pair up after being powered up. The system will automatically select an optimal frequency to avoid interference during working time.**

WIRELESS TIPS

If you encounter wireless interference or dropouts, try the following suggestions:

- Press the ADJUST button of the transmitter to reset or adjust the channel.
- Make sure both the transmitter and receiver have sufficient battery.
- Avoid approaching the receiver and transmitters with metal or other dense materials.
- Remove any devices causing possible signal interference, such as cellphones, computers, media players, two-way radios, and digital signal processors.
- Keep transmitters at least 5 cm/2 inches away from the receiver within the line-of-sight range.

TROUBLESHOOTING

ISSUE	INDICATOR STATUS	CORRESPONDING SOLUTION
No sound or faint sound	Receiver is turned off	<ul style="list-style-type: none"> • Make sure the receiver is powered on. • Check if the battery of the receiver is sufficient; otherwise, charge it to ensure its red power light lights off while you are using it.
	Receiver is turned on	<ul style="list-style-type: none"> • Make sure the transmitter isn't muted. • Make sure the transmitter is successfully paired up with the receiver. You can confirm it when the RF light of the receiver and the FREQ light of the transmitter stay blue. • Adjust the gain and volume of the next stage equipment (mixer/amplifier) to proper levels for ideal sound output.
Low battery	Power light flashes red	<ul style="list-style-type: none"> • Charge the transmitter and/or the receiver via the micro USB charging cable.
Pair up with a new transmitter/receiver		<p>The original system is automatically paired up before delivery. But if you need to pair up a transmitter to the receiver, please follow the below steps.</p> <ul style="list-style-type: none"> • Make sure any potentially interfered receiver and transmitter are off. • Turn on the receiver and transmitter you desire to sync. • Long press the SET button of either the receiver or the transmitter for about 4 seconds and see both the RF and FREQ lights flash. • Wait (about 15 seconds) until both RF and FREQ lights stay blue, and the receiver and transmitter are successfully paired up.
Change the channel		<p>The system automatically selects an optimal frequency to avoid interference during working time. For manual frequency adjustment, short press the ADJUST button of the transmitter to reset/adjust the channel.</p>