



PULSEAUDIO™

TRANSMITTER/

# RECEIVER

WITH **BLUETOOTH®** WIRELESS TECHNOLOGY



**PART NUMBER PABT100**

DESIGNED TO ADD BLUETOOTH® FUNCTIONALITY TO  
AUDIO DEVICES

[pulseaudio1.com](http://pulseaudio1.com) | [vanco1.com](http://vanco1.com) | 800.626.6445

# DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

THIS PRODUCT IS 100% INSPECTED AND TESTED IN THE UNITED STATES TO VERIFY PERFORMANCE PARAMETERS.

---

## WARNING

1. Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
2. To prevent risk of electrical shock or fire hazard, due to overheating do not obstruct unit's ventilation openings.
3. Do not install near any source of heat, including other units that may produce heat.
4. Do not place unit near flames.
5. Only clean unit with a dry cloth.
6. Unplug unit during lightning storms or when not used for an extended period of time.
7. Protect the power cord from being walked on or pinched, particularly at the plugs.
8. Use unit only with accessories specified by the manufacturer.
9. Refer all servicing to qualified personnel.



The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Vanco International, LLC is under license. Other trademarks and trade names are those of their respective owners.

## o FEATURES

The Pulse Audio PABT100 Bluetooth Transmitter & Receiver, is specially designed for Audio Devices (such as MP3, MP4, TV and PC, etc.) that are without Bluetooth functionality. As a Bluetooth Transmitter, you can connect audio devices without Bluetooth using the included 3.5mm Audio Plug, allowing it work to with Bluetooth-enabled headsets and speakers. As a Bluetooth Audio Receiver, the PABT100 can be used with car or home audio systems by allowing Bluetooth-enabled systems to seamlessly pair with Bluetooth-enabled Smart Phones, laptop, tablet, etc. The integrated fast-charging battery within the PABT100 even allows for use without a power supply being connected. The PABT100 transmitter/receiver is a solution for any of your Bluetooth audio needs!

## TRANSMITTER/RECEIVER WITH BLUETOOTH® WIRELESS TECHNOLOGY Part # PABT100

- Designed to add Bluetooth functionality to audio devices
- Allows non-Bluetooth-enabled systems and products to seamlessly pair with Bluetooth-enabled devices
- Automatically searches for devices for connectivity
- Transmits and receives wired or wireless audio
- No APP or driver needed
- Noise reduction and echo cancellation
- Multi-band equalizer configuration
- Supports voice prompts
- Integrated Li-Type battery charger and supports 300 mA fast charge
- Over-discharge/charge protection
- Automatic Connection Memory for faster and easier Bluetooth connections
- Power Supply: 5VDC 1AMP
- Dimensions: 3.8" W x .6" H x 2.3" D

## o PACKAGE CONTENTS

- Transmitter/Receiver with Bluetooth Wireless Technology
- 3.5mm Audio Cable
- AV Cable
- 5VDC 1AMP Power Supply
- Product Manual

## o PANEL DESCRIPTIONS



## o LED DESCRIPTIONS

Status of Device .....LED Status

In charging.....Red LED turns on

Finish charging.....Red LED turns off

Power On.....Blue LED flashes faster

Power Off.....LED Off

Receiving:

Receive mode.....Receive Indicator LED (Red) Lighting

Low power.....Receive Indicator LED (Red) flashes Slowly

Waiting Connection .....Status LED(Blue) flashes faster

Connected .....Status LED(Blue) flashes slowly

Transmitting:

Transmitting mode .....Transmit Indicator LED(Red) Lighting

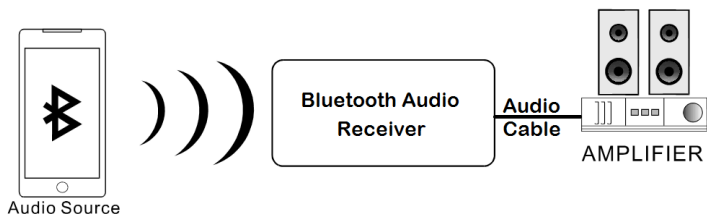
Low Power.....Transmit Indicator LED(Red) flashes Slowly

Searching BT device .....Status LED(Blue) flashes faster

Connected .....Status LED(Blue) flashes slowly

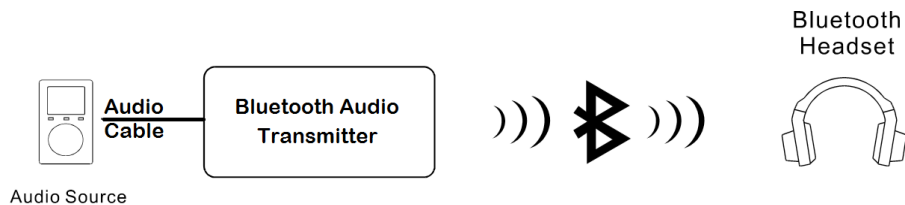
## o CONNECT AND OPERATE

### Receiving Mode:



1. Connect an audio cable into the "RECEIVE" jack on the PABT100 with the other side of the cable connected to the device that will be receiving the audio (ex: audio power amplifier).
2. Power on the device: If you are utilizing the integrated rechargeable battery, charge first then once the unit is charge press and hold the multifunction button for 5 seconds to power the device ON. If you are NOT utilizing the integrated rechargeable battery, connect the provided USB cable to the power adapter then plug the unit into the wall and press and hold the multifunction button for 5 seconds to power the unit ON.\*
3. The blue indicator light will blink rapidly.
4. **For pairing devices, select bootthooth product code: RT-B6**
5. After connected, the Bluetooth status indicator light (BLUE) will flash slowly.
6. The unit will shut down automatically after 10 minutes when no Bluetooth is paired.

\*PLEASE NOTE: The PABT100 can alternatively be powered by a 5v USB port or source without the power adapter



### Transmitting Mode:

1. Connect an audio cable into the "TRANSMIT" jack on the PABT100, with the other side of the cable connected to the "AUDIO OUT" to your device (ex: TV, DVD player, audio output...)
2. Power on the device: If you are utilizing the integrated rechargeable battery, charge first then once the unit is charge press and hold the multifunction button for 5 seconds to power the device ON. If you are NOT utilizing the integrated rechargeable battery, connect the provided USB cable to the power adapter then plug the unit into the wall and press and hold the multifunction button for 5 seconds to power the unit ON.\*
3. Blue indicator light will blink rapidly.
4. **For pairing devices, select bootthooth product code: RT-B6**
5. After connected, the Bluetooth status indicator light (BLUE) will flash slowly. If it is not the Bluetooth device you want to be paired with, press the multifunction key to switch to the next Bluetooth device.
6. The unit will shut down automatically after 10 minutes when no Bluetooth is paired.

## o BATTERY

Please fully charge the device before using.

1. Insert micro USB plug into the device, and another side to the power adapter.
2. During the charge, the RED light turns on
3. When charging complete (around 2 hours), the RED light turns off.

## o SPECIFICATIONS

Bluetooth Version .....Bluetooth 2.1

Supported protocols .....A2DP, AVRCP, HFP, SPP HID

Current Consumption..... $\leq 43\text{MA}$  (Receiving Mode),  $\leq 60\text{MA}$  (Transmitting Mode),  $<18\text{MA}$  (Standby Mode)

Built-in battery .....Polymer 400mAH

Charging current and time.....2 Hours, 300mA

Playing Period .....8Hours

Bluetooth distance .....10M

Interface.....Micro USB (For Charging) 3.5MM stereo jack (For Transmitting and Receiving)

Compatibility .....All Bluetooth audio devices. (smartphone/PC/ Notebook/Bluetooth phone., etc)

## o SAFETY AND NOTICE

The PABT100 has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the PABT100 should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter and power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit.
- Always unplug the power to the device before cleaning

## o TECHNICAL SUPPORT

In case of problems, please contact Vanco Technical Support by dialing 1-800-626-6445. You can also email technical support issues to [techsupport@vanco1.com](mailto:techsupport@vanco1.com). When calling, please have the Model Number, Serial Number (affixed to the bottom of the unit) and Invoice available for reference during the call. Please read this Instruction Manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation. All active electronic products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation. The testing process utilizes the types of high-definition sources and displays typically installed for entertainment and home theatre applications. For additional information please visit [www.vanco1.com](http://www.vanco1.com).

## o LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. The manufacturer of this product cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user and installer of the hardware to check that it is suitable for their requirements and that it is installed correctly. All rights are reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher. Manufacturer reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.

## o LIMITED WARRANTY

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of two years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended. Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges. If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

## **Vanco® International**

506 Kingsland Drive Batavia, Illinois 60510

call: 800.626.6445 | fax: 630.879.9189

visit: [www.vanco1.com](http://www.vanco1.com)

Introducing a new brand from



Learn more at [pulseaudio1.com](http://pulseaudio1.com)