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› [Pyle](#) /

› [Pyle PFA600BU Public Address Amplifier System User Manual](#)

## Pyle PFA600BU

# Pyle PFA600BU Public Address Amplifier System User Manual

Model: PFA600BU

Brand: Pyle

## INTRODUCTION

Thank you for purchasing the Pyle PFA600BU Compact Bluetooth USB AUX FM Radio Public Address Amplifier Receiver System. This comprehensive bundle is designed to provide versatile audio amplification for various applications, including public address, home audio, and outdoor sound. It includes a compact amplifier, two waterproof speakers, and speaker wire for a complete setup. Please read this manual thoroughly before operation to ensure proper use and to maximize the performance and longevity of your system.

## IMPORTANT SAFETY INFORMATION

- **Power Source:** Ensure the amplifier is connected to a power source that matches the specified voltage (AC or 12V DC).
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not expose the amplifier to dripping or splashing. The speakers are waterproof but should not be submerged.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- **Speaker Wire:** Use appropriate gauge speaker wire to prevent overheating and ensure optimal performance.

## PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Pyle PFA600BU Compact Public Address Amplifier Receiver System
- (2) Pyle PDWR40B 5.25" Indoor/Outdoor Black Waterproof Speakers

- 16 Gauge 50 Feet Spool of High Quality Speaker Wire
- Remote Control
- FM Antenna



Image: Complete Pyle PFA600BU bundle including the amplifier, two speakers, and a spool of speaker wire.

## PRODUCT OVERVIEW

### PFA600BU Amplifier Receiver

The PFA600BU is a compact desktop amplifier designed for public address and audio amplification. It features multiple input options and controls for versatile use.

- **Front Panel:** Power switch, SD/MMC and USB ports, Mode button, Playback controls, Level indicator, AUX input, Siren button, Microphone inputs (MIC1, MIC2), and independent volume controls for MIC1, MIC2, and AUX.
- **Rear Panel:** Speaker terminals, FM antenna input, AC power input, and optional 12V DC power input.



Image: Front view of the Pyle PFA600BU amplifier showing the control panel and included remote control.

## PDWR40B 5.25" Waterproof Speakers

These 5.25-inch speakers are designed for indoor and outdoor use, featuring a waterproof construction and robust sound output.

- **Construction:** Heavy-duty ASB construction with removable rustproof mesh grills.
- **Components:** 5.25" Aluminum Injection Cone Woofer and 1" High Compliance Mylar Tweeter.
- **Mounting:** Unique spring-loaded mounting system for easy installation.



Image: Two Pyle PDWR40B 5.25-inch waterproof speakers, showing their black casing and mounting brackets.

## 16 Gauge Speaker Wire

The included 50-foot speaker wire is designed for clear signal transmission and easy installation.

- **Design:** Plastic jacket surrounding the wire for undistorted signal.
- **Polarity:** Red polarity mark on one end for easy identification during installation.



Image: A spool of 50-foot, 16 gauge high-quality speaker wire, showing its clear insulation and copper strands.

## SETUP INSTRUCTIONS

- Speaker Placement:** Position the PDWR40B speakers in your desired location. Utilize the unique spring-loaded mounting system for secure installation. Ensure the speakers are placed in a way that optimizes sound dispersion.
- Speaker Connection:**
  - Cut the 16 gauge speaker wire to the appropriate lengths needed to reach from the amplifier to each speaker.
  - Identify the positive (+) and negative (-) terminals on both the amplifier and the speakers. The speaker wire

has a red mark on one side to indicate polarity.

- Connect the positive (+) terminal of the amplifier to the positive (+) terminal of each speaker.
- Connect the negative (-) terminal of the amplifier to the negative (-) terminal of each speaker. Ensure all connections are secure.

### 3. Power Connection:

- Connect the amplifier to a standard AC power outlet using the provided power cable.
- Alternatively, for portable applications, connect a 12V DC power source to the designated terminals on the rear panel.

4. **FM Antenna Connection:** Connect the included FM antenna to the FM antenna input on the rear of the amplifier for improved radio reception.

5. **Initial Power On:** Before turning on the amplifier, ensure all volume controls are set to their minimum position. Then, switch the POWER button to the 'ON' position.

## OPERATING INSTRUCTIONS

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### Basic Operation

- **Power On/Off:** Use the POWER switch on the front panel to turn the unit on or off.
- **Volume Control:** Adjust the main volume using the master volume knob. Individual input volumes (MIC1, MIC2, AUX) can be fine-tuned using their respective rotary controls.
- **Input Selection:** Press the 'MODE' button on the front panel or remote control to cycle through input sources: Bluetooth, USB, SD, FM Radio, and AUX.

### Bluetooth Streaming

1. Press the 'MODE' button until "Bluetooth" or "BT" appears on the digital display.
2. Enable Bluetooth on your audio device (smartphone, tablet, computer).
3. Search for available Bluetooth devices and select "Pyle PFA600BU" or similar from the list.
4. Once paired, you can stream audio wirelessly to the amplifier.

### USB/SD Card Playback

1. Insert a USB flash drive or SD memory card containing MP3 audio files into the respective port on the front panel.
2. The amplifier will automatically switch to USB/SD mode and begin playing the audio files. If not, press the 'MODE' button.
3. Use the playback controls (Play/Pause, Previous, Next) on the front panel or remote control to navigate your music.
4. The USB port also functions as a device charging port.

### FM Radio Operation

1. Press the 'MODE' button until "FM" appears on the digital display.
2. Press the Play/Pause button to initiate an automatic scan for available FM stations. The amplifier will save detected stations.
3. Use the Previous/Next buttons to cycle through the saved stations.

### Microphone Usage

1. Connect up to two 1/4" microphones into the MIC1 and MIC2 input jacks on the front panel.

2. Adjust the individual MIC1 and MIC2 volume knobs to control the microphone levels.
3. Ensure the main volume is set appropriately to avoid feedback.

## Siren Function

- Press the 'SIREN' button on the front panel to activate the built-in siren alarm function.
- Press the button again to deactivate the siren.

## MAINTENANCE

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe down the amplifier and speakers. Do not use liquid cleaners or aerosol sprays.
- **Speaker Grills:** The speaker grills are removable for cleaning. Ensure they are securely reattached after cleaning.
- **Storage:** If storing the unit for an extended period, ensure it is powered off and disconnected from the power source. Store in a cool, dry place.
- **Ventilation:** Periodically check that the amplifier's ventilation openings are free from dust and debris to prevent overheating.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; No power from outlet.	Ensure power cable is securely connected. Turn power switch ON. Check outlet with another device.
No sound output	Volume too low; Incorrect input selected; Speaker wires loose/incorrectly connected; Source device not playing.	Increase master and input volumes. Press MODE to select correct input. Check speaker wire connections for correct polarity. Ensure source device is playing audio.
Bluetooth pairing issues	Amplifier not in Bluetooth mode; Device too far; Device already paired to another unit.	Ensure amplifier is in Bluetooth mode. Move device closer to amplifier. Disconnect from other Bluetooth devices and try pairing again.
USB/SD playback not working	Incorrect file format; USB/SD card not inserted correctly; Corrupt files.	Ensure files are MP3 format. Reinsert USB/SD card. Try a different USB/SD card or files.
Microphone feedback	Microphone too close to speakers; Microphone volume too high.	Move microphone further from speakers. Reduce microphone volume.

## SPECIFICATIONS

### PFA600BU Amplifier Receiver

- **Power Output:** 200 Watts RMS / 400 Watts Peak
- **Connectivity:** Bluetooth, USB, SD, AUX (3.5mm), FM Radio
- **Microphone Inputs:** (2) 1/4" -inch Mic Input Jacks (Mic1, Mic2)
- **Digital Display:** LCD
- **Power Source:** AC (Corded Electric), Optional 12V DC Input

- **Material:** Aluminum
- **Dimensions:** (Not explicitly stated for amplifier, refer to package dimensions)
- **Weight:** (Part of total bundle weight, 14.87 pounds)

## PDWR40B 5.25" Waterproof Speakers

- **Power Handling:** 200 Watts RMS / 400 Watts Peak
- **Woofer:** 5.25" Aluminum Injection Cone
- **Tweeter:** 1" High Compliance Mylar
- **Magnet Structure:** 40 Oz.
- **Frequency Response:** 40Hz-22kHz
- **Impedance:** 4 Ohms
- **Construction:** Heavy Duty ASB
- **Dimensions:** 6.25"(W) x 9.25"(H) x 5.75"(D)
- **Waterproof:** Yes, completely waterproof.

## Speaker Wire

- **Gauge:** 16 Gauge
- **Length:** 50 Feet
- **Features:** Undistorted signal with plastic jacket, red polarity mark.

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or visit the official Pyle website. You may also contact Pyle customer service directly for assistance with product setup, troubleshooting, or parts replacement.

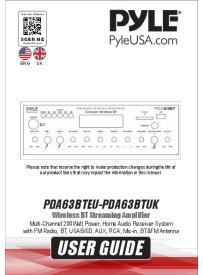
**Pyle Official Website:** [www.pyleusa.com](http://www.pyleusa.com)

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This manual is subject to change without notice.

## Related Documents - PFA600BU

<small>User Manual of Product 1: Pyle Home Mini Audio Amplifier - 40W Portable Dual Channel Surround Sound HIFI Stereo Receiver w/ 12V AC Adapter, AUX, USB, SD, MP3, FM Radio, iPhone, iPod, MP3 Player, 2.5mm Speakers - Pyle PFA200 User Manual of Product 2: Pyle 3-Way Mini Box Speaker System - 3.5 inch 200 Watt Weatherproof Indoor/Outdoor Speaker System (Black, ABS Enclosure) (Black, Home, Boat, Poolside, Patio, Indoor/Outdoor Use - PLEM24B (Black))</small>	<p><a href="#">Pyle Home Audio Amplifier &amp; Wall Mount Speakers User Manual</a></p> <p>Comprehensive user manual for Pyle Home Mini Audio Amplifier (PFA200) and Pyle 3.5" Wall Mount Home Speakers (PLMR24B, PLMR24, PLMR24S), covering features, specifications, and installation instructions for optimal sound.</p>
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	<p><a href="#">Pyle PCA4BT Wireless BT Streaming Desktop Amplifier User Manual</a></p> <p>User manual for the Pyle PCA4BT Wireless BT Streaming Desktop Amplifier. Provides detailed information on features, controls, safety instructions, connection diagrams, and technical specifications for this compact audio receiver amplifier.</p>
	<p><a href="#">Pyle PDA63BTEU-PDA63BTUK 200W Wireless Bluetooth Amplifier User Guide</a></p> <p>Get the most out of your Pyle PDA63BTEU-PDA63BTUK 200W wireless Bluetooth streaming amplifier. This user guide covers setup, features, controls, technical specifications, and safety information for this multi-channel home audio receiver.</p>
	<p><a href="#">Pyle PT888BTWM Wireless BT Streaming Home Theater Receiver User Manual</a></p> <p>User manual for the Pyle PT888BTWM 5.2-Channel Surround Sound Stereo Amplifier System, detailing features, operation, safety precautions, troubleshooting, and technical specifications for home theater audio.</p>
	<p><a href="#">Pyle PCAU48BT Wireless BT Mini Stereo Power Amplifier User Manual   Features, Specs, Controls</a></p> <p>Comprehensive user manual for the Pyle PCAU48BT Wireless BT Mini Stereo Power Amplifier. Details features, front/rear panel controls, remote functions, technical specifications, care instructions, and Bluetooth connectivity for this 2x120W amplifier.</p>
	<p><a href="#">Pyle PT8050CH &amp; PT12050CH 8/12-Channel Audio Karaoke Wireless BT Amplifier User Manual</a></p> <p>User manual for the Pyle PT8050CH and PT12050CH 8/12-Channel Audio Karaoke Wireless BT Amplifier. This guide covers features, controls, troubleshooting, and technical specifications for these stage and studio sound mixer receiver systems.</p>

## Documents - Pyle – PFA600BU



### [\[pdf\] User Manual Instructions](#)

PFA600BU manuals pyleusa Pyle USA safety when this symbol appears in instruction manual and follow all precautions as they are stated The exclamation point within an equilateral triangle is intended to alert the user presence of important operating maintenance servicing instructions Maximum USB SD Memory Support Up 32GB Digital Filetype Playback MP3 WAV WMA Remote Control Battery 1 x CR 2025 included 80

**PFA600BU** Wireless BT Streaming Public Address Amplifier Compact PA Speaker Microphone Receiver System with 2 Mic Inputs, MP3/USB/SD Readers, FM Radio 300 Watt **WARNING CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER OF THIS UNIT. THERE ARE NO USERSERVICEABLE PARTS INSI...**

lang:en **score:44** filesize: 989.23 K page\_count: 8 document date: 2018-09-05

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**PFA600BU**

Wireless BT Streaming Public Address Amplifier  
Compact PA Speaker & Microphone Receiver System  
with (2) Mic Inputs, MP3/USB/SD Readers, FM Radio (300 Watt)

USER MANUAL

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Compact PA Speaker & Microphone Receiver System  
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USER MANUAL

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manual srsltid AfmbOoo pyGL6ljNDHszuvQlq6G0WdT WCOabjg4Sh1L57KCLx kvUrPpyleaudio |||

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lang:en **score:42** filesize: 422.41 K page\_count: 8 document date: 2023-01-25

Model Difference Declaration

To Whom It May Concern,

We, SOUND AROUND, (hereinafter Trademark: PYLE; Model Number: PDA20BT, PDA22BT, PBKSP22, PCAU46BA, PDA29BU, PFA600BU, PCA1, PFA330BT, PDA46BT, PMX8BU, PT8050CH, PCM60A, PTA62BT, PTA2, PTAU23, PTAU45, PCM20A, PTA24BT, PT12050CH, PTAU55, PCAU48BT, PT6...) are the manufacturer of the PDA20BT, PDA22BT, PBKSP22, PCAU46BA, PDA29BU, PFA600BU, PCA1, PFA330BT, PDA46BT, PMX8BU, PT8050CH, PCM60A, PTA62BT, PTA2, PTAU23, PTAU45, PCM20A, PTA24BT, PT12050CH, PTAU55, PCAU48BT, PT6... software and electronic circuit are the same, only with model name different. Test sample model PDA20BT.

Please contact me if you have any question.

Name: Greg Weg

Date: Apr. 13, 2022

Title: Compliance

Signature of applicant:

[\[pdf\]](#) Declaration of Conformity

Microsoft Word Product Declaration Administrator Model difference statement SOUND AROUND PDA20BT Amplifier 2ASQD 2ASQDPDA20BT pda20bt

Model Difference Declaration To Whom It May Concern, We, SOUND AROUND Amplifier Trademark: PYLE; Model Number: PDA20BT, PDA22BT, PBKSP22, PCAU46BA, PDA29BU, **PFA600BU**, PCA1, PFA330BT, PDA46BT, PMX8BU, PT8050CH, PCM60A, PTA62BT, PTA2, PTAU23, PTAU45, PCM20A, PTA24BT, PT12050CH, PTAU55, PCAU48BT, PT6...

lang:en **score:18** filesize: 2.8 M page\_count: 1 document date: 2022-04-14