BOSCH PB10-CD

Bosch PB10-CD Power Box Advanced Job Site Radio User Manual

Model: PB10-CD

1. Introduction

The Bosch PB10-CD Power Box is a robust and versatile job site radio and power center designed for demanding work environments. It integrates an AM/FM radio, a CD player, and the capability to charge Bosch power tool batteries. This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your PB10-CD Power Box.

Key features include:

- AM/FM radio with advanced digital tuner and upgraded antenna for enhanced reception.
- Integrated CD player compatible with standard CDs, CD-R/RW, and MP3 discs, featuring 40-second skip-free protection.
- Auxiliary input for connecting external audio devices.
- Multi-function remote control for convenient operation.
- Battery charging station for Bosch 12V-24V NiCad power tool batteries.
- Four-way GFCI protected power outlet meeting OSHA requirements.
- Durable construction with a protective aluminum roll cage, sealed buttons, speakers, and battery chamber for resistance against dust and water.



Image 1.1: The Bosch PB10-CD Power Box Advanced Job Site Radio.

2. Setup

2.1 Unpacking

Carefully remove the Bosch PB10-CD Power Box from its packaging. Verify that all listed components are present:

the PB10-CD Power Box unit, the remote control, and two 'AAA' batteries for the remote.



Image 2.1: Product packaging indicating model PB10-CD and 120V Radio w/CD.

2.2 Powering the Unit

The Power Box can operate using either AC current or compatible Bosch power tool batteries.

- **AC Power:** Connect the integrated power cord to a standard 120V AC electrical outlet.

- **Battery Power:** For portable use, insert a charged Bosch 12V, 14.4V, 18V, or 24V NiCad battery into the designated battery compartment. Ensure the battery is securely seated.

2.3 Remote Control Battery Installation

Open the battery compartment on the remote control and insert the two 'AAA' batteries, ensuring correct polarity (+/-) as indicated inside the compartment.

3. Operating Instructions

3.1 Basic Controls

Familiarize yourself with the control panel on the front of the Power Box. Key controls include the Power button, Volume Up/Down, Mode selection (AM/FM/CD/Aux), and tuning/track navigation buttons.

3.2 Radio Operation

1. Press the 'Mode' button to cycle through input sources until AM or FM radio is selected.
2. Extend the 180-degree flexible rubber antenna for optimal signal reception.
3. Use the tuning buttons to scan for and select desired radio stations. The advanced digital tuner enhances station clarity.
4. Adjust the volume using the dedicated volume controls. Separate bass and treble controls allow for sound customization.

3.3 CD Player Operation

1. Press the 'Mode' button to select 'CD' as the input source.
2. Open the CD compartment and carefully insert a CD (standard audio CDs, CD-R/RW, or MP3 discs are compatible) with the label side facing up. Close the compartment.
3. Use the playback controls (Play/Pause, Stop, Skip Track) on the unit or the remote control to manage audio playback. The CD player features 40-second skip-free protection to prevent interruptions from vibrations.

3.4 Auxiliary Input

To play audio from an external device (e.g., MP3 player, smartphone):

1. Connect your external audio device to the auxiliary input jack on the Power Box using a compatible audio cable (not included).
2. Press the 'Mode' button to select 'Aux' as the input source.
3. Start playback on your external device and adjust volume on both the device and the Power Box.

3.5 Remote Control Usage

The multi-function keychain remote control allows convenient operation of volume, radio channel selection, CD player functions, mute, and power on/off. For optimal performance, point the remote control directly at the front panel of the Power Box.

3.6 Battery Charging Function

The Power Box includes an internal charging station for Bosch 12V-24V NiCad power tool batteries. Simply insert a depleted battery into the charging station located within the unit. The Power Box will recharge the battery while operating on AC power or even while playing music.

3.7 GFCI Protected Outlets

The integrated four-way GFCI (Ground Fault Circuit Interrupter) protected outlet provides safe power for other job site tools and equipment. These outlets meet OSHA requirements. Plug your tools directly into these outlets for

power.

3.8 12V Auxiliary Outlet

A 12-volt auxiliary outlet is available for charging smaller electronic devices such as cell phones or two-way radios.

4. Maintenance

4.1 Cleaning

To clean the exterior of the Power Box, use a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the unit's finish and sealed components.

4.2 Protection Features

The Bosch PB10-CD is engineered for durability. Its sealed buttons, speakers, and battery chamber are designed to protect internal components from water and dust ingress. The robust aluminum roll cage provides significant impact resistance, helping the unit withstand typical job site conditions.

4.3 Antenna Care

The flexible rubber antenna is designed to be durable but should be handled with care to prevent bending or breaking. Ensure it is fully extended for optimal reception and retracted when not in use or during transport to prevent damage.

5. Troubleshooting

If you encounter issues with your Bosch PB10-CD Power Box, refer to the following troubleshooting guide:

- **No Power:**
  - Ensure the AC power cord is securely plugged into a functional electrical outlet.
  - If using battery power, verify that a charged Bosch battery is correctly inserted into the compartment.
  - Check that the power button on the unit or remote control has been pressed.
- **Poor Radio Reception:**
  - Fully extend and adjust the flexible rubber antenna to different positions.
  - Relocate the Power Box to an area with fewer obstructions or potential interference.
- **CD Skipping:**
  - Ensure the CD is clean and free from scratches or smudges.
  - Place the Power Box on a stable, level surface to minimize vibrations, even with the anti-skip protection.
- **No Sound from Auxiliary Input:**
  - Verify that the auxiliary audio cable is securely connected to both the Power Box and the external device.
  - Confirm that the external device is powered on and actively playing audio.
  - Check and adjust the volume levels on both the Power Box and the external device.
- **Remote Control Not Responding:**
  - Check the remote control batteries for correct installation and sufficient charge. Replace if necessary.
  - Ensure there are no obstructions between the remote control and the front panel of the Power Box.
  - Point the remote control directly at the unit.

6. Specifications

Feature	Specification
Manufacturer	Bosch
Model Number	PB10-CD
Part Number	BOSPB10-CD
Item Weight	28.8 pounds
Product Dimensions	13 x 13 x 13 inches
Power Source	AC & Battery (12V, 14.4V, 18V, 24V Bosch batteries)
Item Package Quantity	1
CD Compatibility	CD-R/RW, MP3
Anti-Skip Protection	40 seconds
Amplifier	3.5-watt built-in amplifier
Outlets	4-way GFCI protected, 12V auxiliary
Antenna	180-degree flexible rubber antenna

7. Warranty and Support

The Bosch PB10-CD Power Box is covered by a 1-Year Manufacturer Warranty and a 30-Day Money Back Guarantee. For detailed warranty terms, technical assistance, or to initiate a warranty claim, please contact Bosch customer service directly. Refer to the official Bosch website or product packaging for the most current contact information.

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