

## BLAUPUNKT B 120

# BLAUPUNKT B 120 Portable CD Bluetooth Cassette Recorder User Manual

Model: B 120

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## 1. INTRODUCTION

Thank you for purchasing the BLAUPUNKT B 120 Portable CD Bluetooth Cassette Recorder. This versatile audio system combines modern and classic audio playback options, including CD, cassette, FM radio, Bluetooth, AUX, and USB. This manual provides essential information for safe operation, setup, and maintenance of your device. Please read it thoroughly before use and retain it for future reference.

## 2. SAFETY INFORMATION

- **Power Source:** Use only the specified power adapter or batteries. Ensure the voltage matches the device requirements.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or immerse it in water. Keep liquids away from the device.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Batteries:** Follow proper polarity when inserting batteries. Do not mix old and new batteries or different types of batteries. Remove batteries if the unit is not used for extended periods.

### 3. PACKAGE CONTENTS

Please check that all items are present:

- BLAUPUNKT B 120 Portable CD Bluetooth Cassette Recorder
- AC Power Cable
- User Manual (this document)

### 4. PRODUCT FEATURES

- **Multi-format Playback:** Supports CD, CD-R, CD-RW, cassette tapes, FM radio, Bluetooth audio, and MP3 files via USB.
- **Superior Sound:** Equipped with two powerful speakers for clear audio output.
- **User-Friendly Design:** Easy-to-operate controls, suitable for all ages.
- **Audiobook Function:** Resumes CD playback from the last stopped position.
- **Portability:** Features a convenient carrying handle and supports both AC power and battery operation for use on the go.
- **Connectivity:** Includes Bluetooth for wireless streaming, AUX input for external devices, and a USB port for MP3 playback.
- **Headphone Jack:** 3.5mm jack for private listening.

### 5. CONTROLS AND CONNECTIONS

Familiarize yourself with the various controls and connection points on your BLAUPUNKT B 120 unit.



Figure 1: Top View of the BLAUPUNKT B 120

This image displays the top of the red BLAUPUNKT B 120, highlighting the central CD compartment with its lid, the integrated silver carrying handle, and the perforated speaker grilles on both sides. The main control panel is visible at the front.



Figure 2: Control Panel Detail

A detailed view of the control panel, featuring buttons for PAUSE, STOP/EJECT, F.FWD, REW, PLAY, ST/MO (Stereo/Mono), REP (Repeat), PROG (Program), FOLDER R+/10+, EQ (Equalizer), VOL+ (Volume Up), VOL- (Volume Down), TUN+ (Tune Up), TUN- (Tune Down), and /SOURCE (Power/Source). A digital display shows frequency or track information.



Figure 3: Rear Connections

This image shows the rear of the unit, highlighting the extendable telescopic antenna for FM radio reception, the 3.5mm headphone jack, the AUX IN port for connecting external audio devices, and the AC power input socket.

### Front Panel Controls:

- **POWER / SOURCE:** Press to turn the unit ON/OFF or switch between modes (CD, FM, Bluetooth, AUX, USB, TAPE).
- **PLAY / PAUSE:** Play or pause playback for CD, USB, or Bluetooth.
- **STOP / EJECT:** Stop playback for CD/USB or open the CD compartment.
- **REW / F.FWD:** Skip tracks/folders or fast rewind/forward.
- **VOL+ / VOL-:** Adjust volume level.
- **TUN+ / TUN-:** Tune radio frequencies or navigate tracks/folders.
- **PROG:** Program CD tracks.
- **REP:** Repeat track/album.
- **ST/MO:** Switch between stereo and mono FM reception.

- **EQ:** Select equalizer presets.

### Rear Panel Connections:

- **AC IN:** Connect the supplied AC power cable.
- **AUX IN:** 3.5mm stereo input for connecting external audio devices.
- **HEADPHONE:** 3.5mm stereo output for headphones.
- **FM ANTENNA:** Extendable telescopic antenna for FM radio reception.

### Side Panel:

- **USB Port:** For playing MP3 files from a USB flash drive.

## 6. SETUP

### Powering the Unit:

Your BLAUPUNKT B 120 can be powered by AC mains or batteries.

#### AC Power:

1. Ensure the unit is switched off.
2. Connect the supplied AC power cable to the AC IN socket on the rear of the unit.
3. Plug the other end of the cable into a standard wall outlet.

#### Battery Power:

1. Open the battery compartment cover located on the bottom of the unit.
2. Insert the required number of C-size batteries (not included), ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

**Note:** When the AC power cable is connected, battery power is automatically disconnected.

## 7. OPERATING INSTRUCTIONS

### General Operation:

1. Press the **POWER / SOURCE** button to turn on the unit.
2. Press the **POWER / SOURCE** button repeatedly to cycle through different modes (CD, FM, Bluetooth, AUX, USB, TAPE).
3. Adjust the volume using the **VOL+** and **VOL-** buttons.

### CD Playback:

1. Press the **POWER / SOURCE** button to select CD mode.
2. Press the **STOP / EJECT** button to open the CD compartment lid.
3. Place a CD (CD, CD-R, or CD-RW) onto the spindle with the label side facing up.
4. Close the CD compartment lid. The unit will read the disc and begin playback automatically.

5. Use **PLAY / PAUSE** to pause or resume playback.
6. Use **REW / F.FWD** to skip tracks. Press and hold for fast rewind/forward.
7. Press **REP** to repeat the current track or all tracks.
8. Press **PROG** to program a sequence of tracks (refer to full manual for detailed programming steps).

### Cassette Playback / Recording:

1. Press the **POWER / SOURCE** button to select TAPE mode.
2. Open the cassette compartment.
3. Insert a cassette tape.
4. Use the cassette control buttons (Play, Stop, Rewind, Fast Forward, Record) located on the cassette deck.
5. To record, ensure a blank or recordable tape is inserted. Select the desired source (e.g., FM radio, AUX) and press the RECORD button on the cassette deck.

### FM Radio:

1. Extend the FM antenna for optimal reception.
2. Press the **POWER / SOURCE** button to select FM mode.
3. Use **TUN+** and **TUN-** buttons to manually tune to a desired frequency.
4. Press and hold **TUN+** or **TUN-** for automatic scanning to the next available station.
5. Press **ST/MO** to switch between stereo and mono reception.

### Bluetooth Pairing:

1. Press the **POWER / SOURCE** button to select Bluetooth mode. The display will show "BT" and flash, indicating it's in pairing mode.
2. Enable Bluetooth on your mobile device (smartphone, tablet, etc.).
3. Search for available devices and select "BLAUPUNKT B 120" from the list.
4. Once paired, the unit will emit a confirmation sound, and the "BT" indicator will stop flashing.
5. You can now play audio from your device wirelessly through the BLAUPUNKT B 120.

### AUX Input:

1. Press the **POWER / SOURCE** button to select AUX mode.
2. Connect one end of a 3.5mm audio cable (not supplied) to the AUX IN port on the rear of the BLAUPUNKT B 120.
3. Connect the other end of the cable to the headphone jack or audio output of your external device.
4. Play audio from your external device. The sound will be output through the BLAUPUNKT B 120 speakers.

### USB Playback:

1. Insert a USB flash drive containing MP3 files into the USB port on the side of the unit.
2. Press the **POWER / SOURCE** button to select USB mode.
3. The unit will automatically detect and begin playing MP3 files from the USB drive.
4. Use **REW / F.FWD** to skip tracks or navigate folders.

## 8. MAINTENANCE

### Cleaning:

- Always unplug the unit from the power outlet before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- For the CD lens, use a specialized CD lens cleaner disc.
- For the cassette deck, periodically clean the tape heads and pinch rollers with a cotton swab lightly dampened with isopropyl alcohol.

### Storage:

- If storing the unit for an extended period, remove all batteries.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

## 9. TROUBLESHOOTING

If you encounter any issues with your BLAUPUNKT B 120, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; batteries depleted or incorrectly inserted; AC cable not connected.	Check AC cable connection; replace batteries or ensure correct polarity.
No sound.	Volume too low; incorrect source selected; headphones connected.	Increase volume; select correct source mode; disconnect headphones.
CD skips or does not play.	CD is dirty or scratched; CD inserted incorrectly; unit is vibrating.	Clean CD with a soft cloth; re-insert CD correctly; place unit on a stable surface.
Poor FM radio reception.	Antenna not extended; weak signal; interference.	Fully extend and adjust the telescopic antenna; try moving the unit to a different location.
Bluetooth pairing fails.	Unit not in pairing mode; device too far; Bluetooth already connected to another device.	Ensure unit is in Bluetooth mode and flashing; move device closer; disconnect from other Bluetooth devices.

Problem	Possible Cause	Solution
USB playback not working.	USB drive not formatted correctly; unsupported file type; USB drive faulty.	Ensure USB drive is FAT32 formatted; only MP3 files are supported; try a different USB drive.

## 10. SPECIFICATIONS

- **Brand:** BLAUPUNKT
- **Model Number:** B 120
- **Connectivity Technology:** Bluetooth
- **Special Feature:** Radio
- **Supported Audio Formats:** CD-Audio, Cassettes, Radio, Bluetooth-Audio, MP3 (via USB)
- **Number of Channels:** 2
- **Item Weight:** 2.46 Kilograms
- **Headphone Jack:** 3.5 mm
- **Included Components:** AC Power Cable
- **Color:** Red (other colors may be available)

## 11. WARRANTY AND SUPPORT

BLAUPUNKT products are designed and manufactured to the highest quality standards. For warranty information and customer support, please refer to the warranty card included with your purchase or visit the official BLAUPUNKT website. Keep your proof of purchase for any warranty claims.