

Blastking BDT15CMB2

BLASTKING BDT15CMB2 Active and Passive Speaker System

User Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your BLASTKING BDT15CMB2 Active and Passive Speaker Box System. This system is designed for professional audio applications, offering powerful sound output and versatile connectivity options. Please read this manual thoroughly before operating the system to ensure proper use and to maximize its performance and longevity.

PACKAGE CONTENTS

The BLASTKING BDT15CMB2 system includes the following components:

- 1 x Active Speaker
- 1 x Passive Speaker
- 1 x Wired Microphone
- 1 x Microphone Cable (XLR)
- 1 x Speaker Cable (Speakon)
- 2 x Speaker Stands
- 1 x Remote Control



Complete BLASTKING BDT15CMB2 system including active and passive speakers, stands, microphone, and cables.

SETUP GUIDE

1. Unpacking

Carefully remove all components from the packaging. Inspect each item for any signs of damage. Retain the original packaging for future transport or storage.

2. Speaker Placement

Position the speaker stands on a flat, stable surface. Extend the legs of the stands fully to ensure maximum stability. Mount the active and passive speakers onto the speaker stands. Ensure the speakers are securely seated on the poles.



A single speaker stand, ready for speaker mounting.

3. Connecting the System

1. Connect the active speaker to the passive speaker using the provided Speakon speaker cable. Insert one end into the 'Speakon Output to Passive Speaker Box' on the active unit and the other end into the 'Input' on the passive unit.



The Speakon speaker cable used for connecting the active and passive speakers.

2. Connect the wired microphone to the 'Mic In' XLR or 1/4" Phone Jack on the active speaker using the provided microphone cable.



The wired microphone and its accompanying XLR cable.

3. For external audio sources, use the appropriate 'Line In' (RCA, XLR, or 1/8" Phone Jack) connections on the active speaker.
4. Ensure all connections are secure before powering on the system.
5. Connect the active speaker to a standard 110-220V~50/60Hz power outlet using the power cable.



Detailed view of the active speaker's rear control panel with various inputs and outputs.



Rear panel of the passive speaker showing the Speakon input/output.

OPERATION

1. Powering On/Off

Locate the power switch on the rear panel of the active speaker. Flip the switch to the 'ON' position to power on the system. Flip to 'OFF' to power down.

2. Audio Inputs and Outputs

The active speaker features multiple input options including XLR, 1/4" Phone Jack, RCA, and 1/8" Phone Jack for various

audio sources. An XLR 'Line Out' is available for connecting to additional audio equipment.

3. Digital Media Player

The integrated MP3 Digital Media Player supports Bluetooth, USB/SD card playback, and FM Radio. Use the LCD display and control buttons to navigate modes and tracks. The remote control provides convenient wireless operation.

4. Equalizer Adjustment

Utilize the 5-Band Graphic Equalizer on the active speaker's control panel to fine-tune the audio output to your preference or acoustic environment.

5. Microphone Usage

Adjust the microphone input level using the dedicated gain control. Position the microphone appropriately to avoid feedback.

MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the speaker cabinets. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the speaker grilles or control panel. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the speakers in a cool, dry place, away from direct sunlight and extreme temperatures. If possible, use the original packaging for protection.
- **Handling:** Always use the top and side handles for easy transport. Avoid dropping or subjecting the speakers to strong impacts.



Side view of the active speaker, highlighting the ergonomic handle for transport.

TROUBLESHOOTING

Issue	Probable Cause	Solution
No Sound	Power not connected or switched off. Input source not connected or volume too low. Speaker cable between active and passive unit loose or faulty.	Check power connection and switch. Verify audio input cables are securely connected and source volume is adequate. Ensure Speakon cable is firmly connected at both ends.

Issue	Probable Cause	Solution
Distorted Sound	Input signal too high (clipping). Equalizer settings are extreme. Speaker damaged.	Reduce input volume from the source or on the speaker. Adjust equalizer settings to a more neutral position. If distortion persists, contact support.
Bluetooth Connectivity Issues	Device not in pairing mode. Speaker too far from device. Interference.	Ensure speaker is in Bluetooth mode and discoverable. Move device closer to speaker. Avoid other wireless devices that may cause interference.
Microphone Feedback	Microphone too close to speakers. Microphone gain too high.	Reposition microphone further from speakers. Reduce microphone gain level.

TECHNICAL SPECIFICATIONS

Feature	Specification
Woofer	15", 2.5" VC
Compression Driver	1.35" VC
RMS Power	500W
Max Power	1000W
Frequency Response	58Hz-20KHz
Sensitivity	95dB
Impedance	8 Ohm
Amplifier Class	Class-H
Equalizer	5-Band Graphic
Digital Media Player	MP3 with LCD, Bluetooth, USB/SD, FM Radio
Mic In	XLR & 1/4" Phone Jack
Line In	RCA, XLR & 1/8" Phone Jack
Line Out	XLR
Speakon Output	To Passive Speaker Box
Power Supply	110-220V~50/60Hz
Handles	Top and Side
Active Speaker Dimensions (H x W x D)	27.9"/ 710 mm x 16.9"/ 430 mm x 14.7"/ 375 mm

Feature	Specification
Active Speaker Weight	39.2 Lbs / 17.8 Kg
Passive Speaker Dimensions (H x W x D)	27.9"/ 710 mm x 16.9"/ 430 mm x 14.7"/ 375 mm
Passive Speaker Weight	33.7 Lbs / 15.3 Kg
Mounting Type	Plug Mount
Power Source	Corded Electric
Connector Type	XLR
Number of Channels	4
Color	Black
Connectivity Technology	Bluetooth, RCA, USB
UPC	686811894177

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official Blastking website. Keep your proof of purchase for any warranty claims.



Documents - Blastking – BDT15CMB2



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