



BALTIMORE650BD

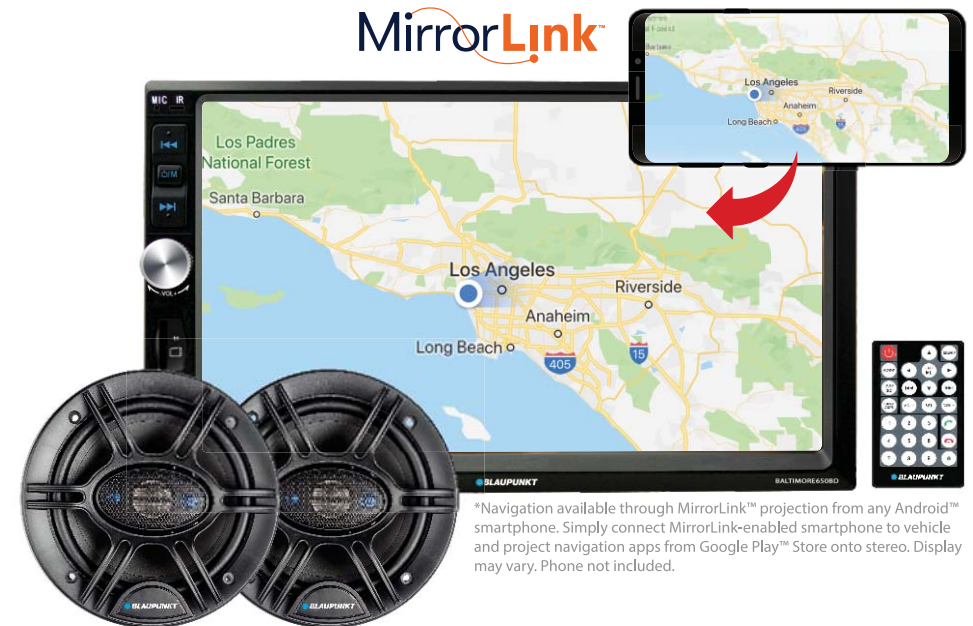
7" Touch Screen Receiver with 4-Way Speakers Instruction Manual



Shaghal Ltd. 2231 Colby Ave., Los Angeles CA 90064

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⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



*Navigation available through MirrorLink™ projection from any Android™ smartphone. Simply connect MirrorLink-enabled smartphone to vehicle and project navigation apps from Google Play™ Store onto stereo. Display may vary. Phone not included.

Enjoy it.

TABLE OF CONTENTS

7" Touch Screen Receiver

1. Notes on Installation	1
2. Warning & Specifications	1
3. Main Menu	2
4. Remote Control	3
5. Radio Operation	4
6. USB/TF Card Operation	4
7. Music	5
8. Video	5
9. Photo	5
10. AUX	6
11. AV IN	6
12. Bluetooth (BT)	7
13. Setup	8

4-Way Speakers

Specifications & Dimensions	14
Mounting	15
Troubleshooting & Warning	16
Customer Support	17

1. Notes On Installation

Remove the stereo carefully from the box. We recommend keeping the box for unit warranty and service.

Precautions

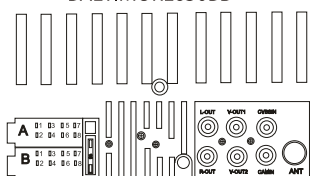
- Choose the mounting location carefully so that the unit will not interfere with the normal driving functions of the driver.
- Avoid installing the unit where it would be subject to high temperatures, from direct sunlight or hot air from the heater, or where it would be subject to dust, dirt, or excessive vibration.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting Angle Adjustment

- Adjust the mounting angle as desired.

2. Warning & Specifications

Use the specified amperage fuse for lead. Using a higher amperage fuse may cause serious damage.



BLAUPUNKT
BALTIMORE650BD

CAUTION: DC+12V Negative Ground
FREQUENCY RANGE:FM87.5-107.9MHz AM530-1710KHz

A		B	
1	Purple Right Rear Speaker ⊕	1	Pink/Black BRAKE
2	Purple/Black Right Rear Speaker ⊖	2	Pink BACK
3	Gray Right Front Speaker ⊕	3	Brown Key 1
4	Gray/Black Right Front Speaker ⊖	4	Yellow +12V DC
5	White Left Front Speaker ⊕	5	Blue ANT
6	White/Black Left Front Speaker ⊖	6	Orange/Black ILL+
7	Green Left Rear Speaker ⊕	7	Red ACC
8	Green/Black Left Rear Speaker ⊖	8	Black GND

Tuner

Frequency Range	87.5~108.0MHz
Sensitivity	10dB μ V
I.F. Frequency	10.7MHz
Frequency Response	80Hz~12KHz(\pm 3dB)
Stereo Separation	> 25dB
S/N Ratio	> 50dB

General

Power Supply Voltage	12V DC
Max Current Consumption	15A
Max Output Power	4 x 50W

Note: specifications and design are subject to possible modifications without notice due to improvement.

Features

Electronic P11 tuning control with 18 programmable stations, MP3/WMA compatible, preamplifier line-out, front audio aux-in, USB port and MicroSD (TF) input, last track memory (Radio/USB/MicroSD), 7" LCD display, MirrorLink (optional function) - when stereo is connected to the phone, through MirrorLink the contents on the phone will appear on the screen.

3. Main Menu (Home)

In the task bar, click  to enter the main menu (home).



Press the desired icon to enter the category interface:

1. Radio Interface
2. Music Interface
3. Movie Interface
4. Photo Interface
5. Folder Menu Interface
6. Bluetooth Interface
7. A/V Input Interface
8. System Setup Interface
9. Steering Wheel Control Interface
10. MirrorLink Interface
11. Volume Regulation
12. Bluetooth Shortcut
13. Adjust Screen Brightness
14. Main Menu Interface

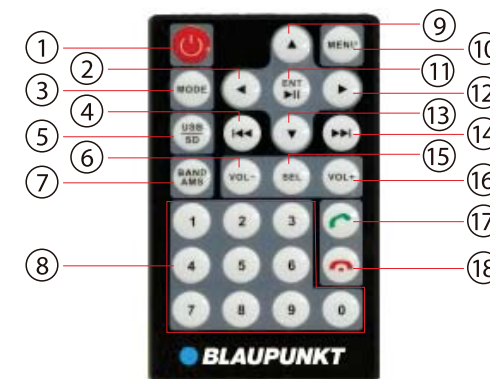
4. Remote Control

WARNING: To prevent accidents and damage

- DO NOT install any battery other than CR2025 or its equivalent.
- Store the battery in a safe place, out of the reach of children.
- DO NOT charge, decompose, heat up the battery or dispose of it in a fire.
- DO NOT poke or pierce the battery with tweezers or similar tools.
- Wrap the battery with tape for insulation when throwing it away or when keeping it for future use.

Detail operations as below:

1. Power Button
2. Left
3. Mode Switcher
4. Previous Track
5. USB / SD Mode
6. Volume –
7. Band / Automatic / Station Search
8. Keypad
9. Up
10. Menu
11. Ok / Play / Pause
12. Right
13. Down
14. Next Track
15. Select
16. Volume +
17. Answer Call
18. End Call



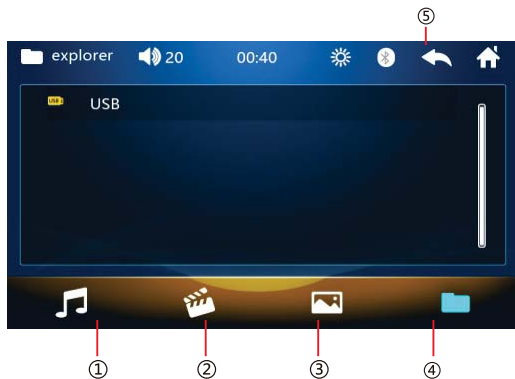
5. Radio Operation

In the main menu interface, touch the FM icon to enter the radio interface.



1. Click here to select pre-stored station.
2. Select the radio frequency.
3. Equalizer: Pop / Rock / Classic / Jazz / EQ Off
4. Find next available broadcast stations with medium to strong signals.
5. Automatically search and store stations.
6. Manually search the radio.
7. Switch to FM1, FM2, FM3.
8. Mono / Stereo switching.
9. LOC / DX switch.

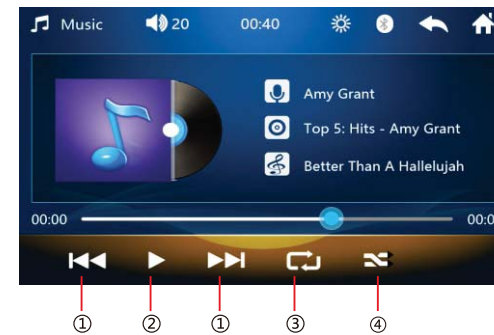
6. USB/TF Card Operation



1. Play Music
2. Play Movies
3. View Photos
4. Select a Folder
5. Return to Previous Screen

7. Music

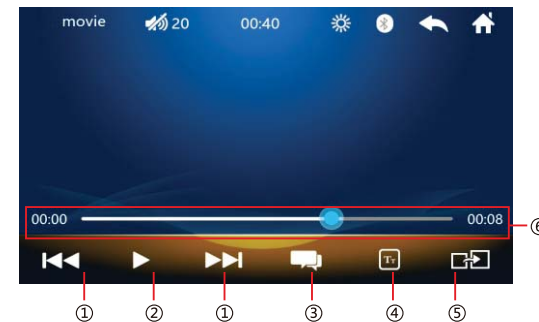
Music interface:



1. Play Previous / Next Track
2. Play / Pause
3. Repeat Track
4. Shuffle Songs

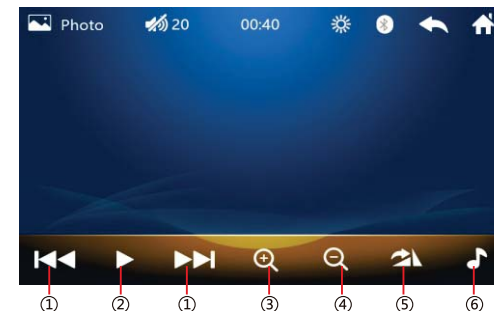
8. Video

Video interface:



1. Play Previous / Next Track
2. Play / Pause
3. Select Language
4. Select Subtitles
5. Switch Rear-View / Front Video
6. Playback Progress Display:
Drag finger across bar to fast forward or rewind to a specific location.

9. Photo



1. View Previous / Next Photo
2. Play / Pause Slideshow
3. Zoom In
4. Zoom Out
5. Rotate Image
6. Play Background Music

10. AUX

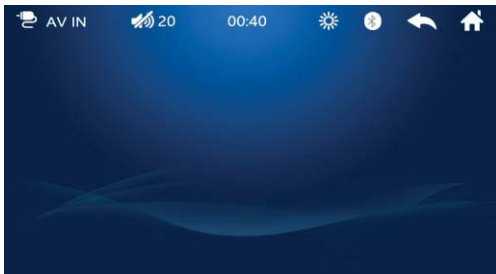
In the main menu interface, press the AUX icon to enter AUX-IN mode:



Front panel 3.5mm audio input.

11. AV IN

In the main menu interface, press the AV IN icon to enter AV-IN mode:



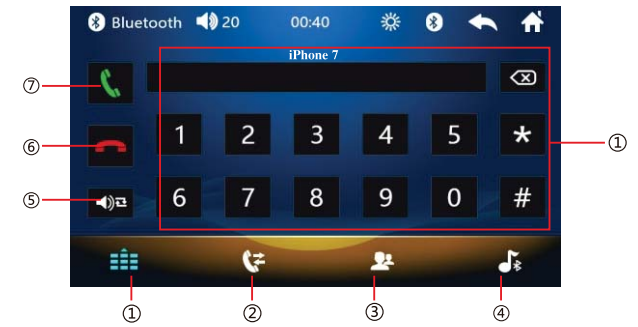
RCA audio/video input.

12. Bluetooth

In the main menu interface, press the Bluetooth (BT) icon to enter Bluetooth mode:

Phone Menu

1. Keypad
2. Call History
3. Phone Book
4. Bluetooth Music Player
5. Switch Phone to Bluetooth
6. End Call
7. Answer Call



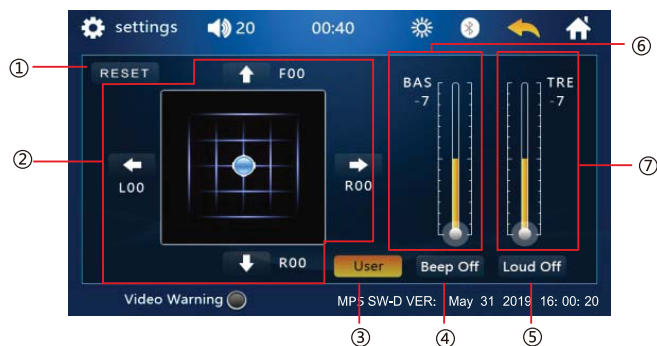
Bluetooth Music Player Menu

1. Previous / Next Track and Pause / Play



13. Setup

In the main menu interface, press the Settings icon:



Sound Settings:

1. Revert to initial sound settings
2. Adjust front, back, left, right balance
3. EQ: User / Pop / Classic / Rock / Jazz / Beat
4. Key tone switch
5. Loudness compensation
6. Adjust bass
7. Adjust treble

System Language Settings:

Press the language of your choosing:



Press to Enter Other System Settings:

1. Update software
2. Revert to original factory settings
3. LCD display settings
4. LED backlight adjustment
5. Touchscreen calibration
6. Background image settings



Select Radio Area:



Steering Wheel Control Settings:

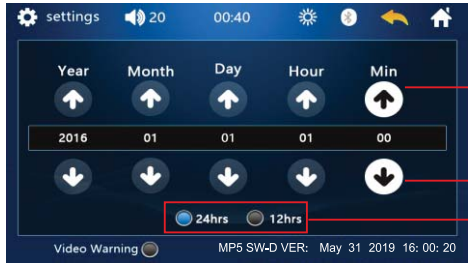
1. Press and hold button on your steering wheel using your left hand, then press the corresponding function on your device with your right hand. Wait until the function is highlighted, then press "confirm".



2. If the function does not pair, it will not respond on the steering wheel.

3. Press "reset" if you wish to reset any of the functions.

4. If a mistake was made in the learning process, press "reset" to re-learn.



- Time Settings:
1. Set Date & Time
 2. 12 Hour / 24 Hour Clock

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Enjoy it.

COAXIAL SPEAKER INSTRUCTION MANUAL

Dear Customer,

Congratulations on your purchase of a BLAUPUNKT speaker. We are devoted to making our musical reproduction the very best, and we are pleased that you have chosen our product. Through years of engineering expertise, hand craftsmanship, and critical testing procedures, we have created a wide range of products that reproduce music with all the clarity and richness you deserve.

For maximum performance, we recommend you have your BLAUPUNKT product installed by an authorized BLAUPUNKT dealer, as they have the knowledge and skills that will maximize the performance of your speaker. Please read this manual, and keep your receipt and original carton for possible future use.

If after reading this manual, you still have questions regarding your product, we recommend that you see your nearest BLAUPUNKT dealer.

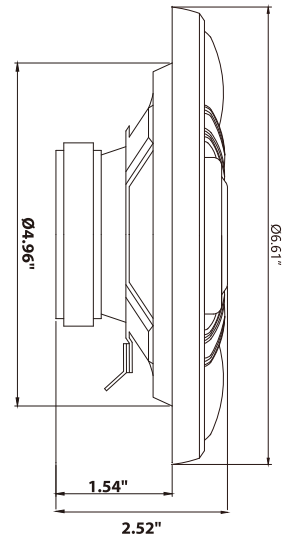
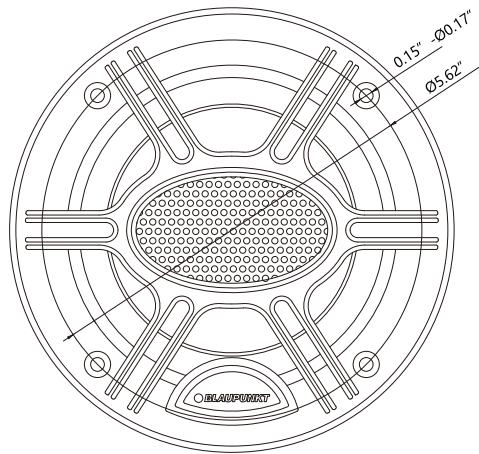
WARNING

Continuous, excessive exposure to sound pressure levels in excess of 85dB can cause hearing loss. While BLAUPUNKT sound systems are capable of producing sound pressure levels greater than 85dB, they are also designed for enjoyment at reasonable levels. Please observe all local sound ordinances while listening to your BLAUPUNKT sound system.
Need we say more! Use common sense.

Specifications

- 6.5" 4-Way Coaxial Speakers
- High Quality Polypropylene Cone
- Butyl Rubber Surround
- 1" High Temperature Aluminum Voice Coil
- Ceramic Magnet
- Mylar Dome Tweeter
- 120 Watts RMS / 360 Watts Peak
- Impedance: 4 Ohm
- Frequency Response: 80Hz – 20KHz
- Sensitivity: 90dB

Dimensions



Mounting

NOTE: BLAUPUNKT strongly recommends that you operate your system at low volume levels prior to the completed installation of your BLAUPUNKT series speakers. This will allow for a test of the speakers before permanently securing them to a location.

CAUTION: Make sure that all of the speaker's wiring is fully protected from cuts, tears and possible wear. Any short circuits created from cuts, tears or wear could severely damage the source unit or amplifier. Make sure all speaker wires easily reach the speakers' terminal with no stress on the wire or connectors.

IMPORTANT: Never cut any metal that is an integral part of the vehicle's safety or structural support system. Again, if you are unsure, it is best to have the speakers professionally installed. Never sacrifice your safety for sound.

CHOOSING A LOCATION: It is always best to plan the complete installation prior to attempting to install any product. The routing of wires, power connections and mounting locations should be planned first. As with any car stereo installation, all work performance should be checked thoroughly and carefully prior to the operation of the system.

The placement of your BLAUPUNKT speakers within your vehicle will greatly affect the overall performance of your audio system. Every car model is different, so installation into particular locations of the vehicle may not be possible without modifications.

BLAUPUNKT speakers are designed to fit in almost any factory location. Again, if at all possible, it is recommended that you use a factory location. This applies mostly to later car models. For those earlier models that do not have factory locations or are limited to just front speaker, it is recommended that you choose a location with a sufficient amount of air space. If you allow an insufficient amount of air space, the speaker may not produce low frequencies very well. It is recommended to mount the speaker in the door panels, kick panels, rear decks, etc. Ideally, the speakers should be mounted where they will be in an enclosed airspace. This will allow for extended bass response.

Troubleshooting

If you start experiencing problems with distorted sound or performance loss after installing your subs, you can follow the instructions below to try and locate what is causing the problem.

1). If you have any distorted sound, loss of performance, or rattling from your subs, check the connections running from your amplifier or other processors to the box. You will also want to check the connections inside the box to make sure no wires have become unhooked or are loose.

2). If the above does not solve the problem, check your enclosure thoroughly to see if there are any leaks, cracks, or broken pieces. Any loss of structural integrity of your enclosure can cause significant performance loss and distortion.

3). The next step you can take is to remove the subs and look for any burned wire leads or separated components. You can normally smell something burning when a sub blows or has the potential to blow. Sometimes when you play subs too hard for too long, they will start to heat up.

4). If none of the above steps solve the problem, you will want to start looking at the other components in the vehicle. Start by checking all connections to and from the box, amplifier, source unit, or any other processors you may be using. You will need to reference to that particular manufacturer for any setting configurations or troubleshooting.

Warning

Investigate the layout of your automobile thoroughly before drilling or cutting any holes. Take care when you work near the gas tanks, gas lines, hydraulic lines, and electrical wiring. Attach the system securely to the automobile to prevent damage, particularly in the event of an accident. Do not mount the system so that the wire connections are unprotected or are subject to pinching or damage from nearby objects.

The +12V DC power wire must be fused at the battery positive terminal connection. Before making or breaking power connections at the system power terminals, disconnect the +12V wire at the battery end. Confirm your radio/head unit or other equipment is turned off while connecting the input jacks and speaker terminals. If you need to replace the power fuse, replace it only with a fuse identical to that supplied with the system. Using a fuse of different type or rating may result in damage to this system.

Customer Support

Visit ematic.zendesk.com for customer support regarding your device. To submit a request, fill out the required information online. You will be provided a ticket number regarding your issue which you can refer to when contacting us further.

You can also reach an Ematic customer service representative by calling:
1-888-968-1985.

We are open Monday - Friday 9 AM - 5 PM PST, except weekends and major holidays. Ematic strongly urges customers to email their inquiry before calling, as this will enable us to better assist you.

Our email address is: customerservice@ematic.us

Please make sure to include the model number and brief description of the problem you are encountering.

Thank you for purchasing an Ematic product.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.