Bosch Group

Blaupunkt

Radio FM/AM/Toca-Fitas de Alta Potencia com Face Removível
Receptor FM/AM/Reproductor de Cassette de Alta Potencia y con
Autoradio/Cassette AM/FM de Fora Puissance à Face Amovible
High-Power FM/AM/Cassette Receiver with Detachable Face

ATTACH SALES RECEIPT HERE

AC52501
Adding DC Bi-AMP:
- Connect the amplifier's DC input to the speaker's DC input.
- Connect the amplifier's output to the speaker's input.
- Connect the amplifier's ground to the speaker's ground.
- Connect the amplifier's power supply to the speaker's power supply.
- Ensure that the amplifier is properly grounded.
- Ensure that the amplifier is properly connected to the speaker.
- Ensure that the amplifier is properly configured for bi-amping.

Speaker Connections:
- Connect the speaker's positive terminal to the amplifier's positive terminal.
- Connect the speaker's negative terminal to the amplifier's negative terminal.
- Ensure that the speaker is properly terminated.
- Ensure that the speaker is properly connected to the amplifier.
- Ensure that the speaker is properly configured for bi-amping.

Electrical Connections:
- Connect the amplifier's positive terminal to the speaker's positive terminal.
- Connect the amplifier's negative terminal to the speaker's negative terminal.
- Ensure that the amplifier is properly grounded.
- Ensure that the amplifier is properly connected to the speaker.
- Ensure that the amplifier is properly configured for bi-amping.

General Recommendations:
- Ensure that the amplifier is properly configured for bi-amping.
- Ensure that the amplifier is properly connected to the speaker.
- Ensure that the amplifier is properly grounded.
- Ensure that the speaker is properly terminated.
- Ensure that the speaker is properly configured for bi-amping.

Electrical Connections and Installation:
- Connect the amplifier's positive terminal to the speaker's positive terminal.
- Connect the amplifier's negative terminal to the speaker's negative terminal.
- Ensure that the amplifier is properly grounded.
- Ensure that the amplifier is properly connected to the speaker.
- Ensure that the amplifier is properly configured for bi-amping.

Certify from all instructions. You'll be glad you did!
**Maintenance**

You need them in the future.

1. Use the release keys as shown below. Keep them in a safe place in case you need them in the future.
2. Have an extra set of keys ready in case you lose or damage the keys.
3. Follow the instructions in the manual to replace the keys.

**Installation**

Make sure the unit is firmly attached (preferably at both front and back) and does not wobble.

- Make sure you consult your diaphragm cleaner.
- The instruction below shows a typical installation. However, you may need to adjust the installation depending on the unit. If you have questions or need additional instructions, please consult your manual.
- Avoid mounting locations where the unit would be subject to high temperatures, such as from direct sunlight or hot air from the heater. If a unit would be subject to dust, dirt, or excessive moisture, choose alternative locations so that the unit will not interfere with normal driving.

**Recommended Use**

- Use the release keys as shown below. Keep them in a safe place in case you need them in the future.

**Mounting Hardware**

- (1) Screw
- (2) Mounting Strap
- (3) Release Keys

Attach the release keys as shown below. Keep them in a safe place in case you need them in the future.

- (1) Screw
- (2) Mounting Strap
- (3) Release Keys

**Mounting the Unit in a Japanese Car**

- Insert the screw in the dash panel.
INSTRUCTIONS — GENERAL OPERATION

"Press" means momentary press of less than 1/2 second.

Turning Unit On
Vehicle ignition must be on. To turn unit on, press PWR Button or insert a tape.

Turning Unit Off
Press the PWR Button to turn the unit off.

Volume
Press the + and – Buttons to quickly increase or decrease the volume to the desired level. The volume level is indicated in the Display Window. To make a fine adjustments to the volume level, press the other volume button before the volume level disappears from the display. You can then gradually adjust the volume in either direction, making precise adjustment easy.

Adjustable Turn-On Volume
First adjust the volume to the (maximum) volume level desired when the unit is turned on. Press and hold the PWR Button for more than two seconds. The unit turns off and the turn-on volume level is memorized. When the unit is turned on, the volume will be at the memorized level, even if the unit was turned off while the volume was at a higher level. However, if the volume is turned off when the volume level is lower than the stored Turn-On volume level, the volume will be at the lower level when the unit is turned back on.

Setting the Clock
Turn the unit on. Press the CLK Button for four seconds until the clock starts blinking. (The display will change after two seconds. Ignore this and continue to hold for two more seconds.) Once the clock starts blinking, Press the < Button to set the hour, and press the > Button to set the minutes. (To change the minute indicator to the nearest hour (:00), you can press the FM1 Button.) Press the CLK Button again to activate the clock.

Changing the Information Displayed
• To change the display priority from clock to function or function to clock, press the CLK Button for two seconds. The display priority changes.

• To change the display temporarily from clock to function or function to clock, press and release the CLK Button. After five seconds, the display changes back to the priority information.

Ignition-Off Clock Recall
You can check the time when the vehicle ignition is off by simply pressing the CLK Button. The time stays displayed for five seconds.

Bass and Treble
Press and release as many times as needed CLK Button to select the Bass mode, once more to reach the Treble mode. The level is indicated in the Display Window. Press the + Button or – Button to increase or decrease the level.

Balance
Press CLK Button as needed to select the Balance mode. The balance is indicated in the Display Window. Press the + Button to increase the right speaker output or press the – Button to increase the left speaker output to the desired level.

Fader
Press CLK Button as needed to select the Fader mode. The level of output for front and back speakers is indicated in the Display Window. Press the + Button to decrease the front speaker output. Press the – Button to decrease the rear speaker output. Five seconds after you complete your adjustments, the unit will automatically return to the volume mode and the display will revert back to the priority display, clock or function. You can also press and release CLK as needed to return to VOLUME, which appears after FADER in the CLK Button cycle.

CLK Button Summary
• Pressing and releasing the CLK Button accesses these modes in this succession:
• Temporary Display Change(s), Bass, Treble, Balance, Fader, Volume.
• Pressing the CLK Button for two seconds changes the display priority between clock and function.
• Pressing the CLK Button for four seconds accesses the time adjustment mode.
• While in any CLK mode, if no button is pressed for four seconds, the unit returns to the volume adjustment mode and priority display.
RADIO OPERATION

Band Selection
Press the desired band. To access FM, press either FM1 or FM2. The indicator for the active band (FM1, FM2 or AM) appears in the Display, along with the radio frequency being received.

Automatic Stereo/Mono Reception Adjustment
When an FM stereo program with a signal strength of at least 50 dBf is tuned in, the stereo indicator ("\(\mathcal{D}\)\) appears in the Display Window. If the FM stereo program is weak and noisy, the unit automatically blends the signals, eliminating the noise and gradually converts to the monaural or “mono” mode. The stereo symbol will disappear from the Display.

Automatic Seek Tuning
Select the desired band. Press and release the < or > button to seek the next receivable station. To stop seeking and return to the previously tuned frequency, press the other of the < or > buttons.

Manual Tuning
Select the desired band. To begin manual tuning, press and hold the < or > button for 0.5 seconds. Five seconds after you complete your adjustments, the Tuning Controls (< >) Buttons revert to Seek Tuning.

Travelstore
This feature allows you to automatically store 12 receivable FM and 6 receivable AM stations, which is especially handy when you travel to a different reception area. Select the desired band. Then press the < and > buttons for two seconds. The band indicator begins to blink. Beginning with the last station received, the unit automatically scans the band for the six stations with strong signals. Once completed, the unit switches to preset 1 on that band. If no stations are receivable, the unit returns to the previously tuned frequency.

Selecting Preset Stations
Select the desired band. Momentarily press and release the band as needed until the desired preset frequency appears. The preset number will appear for 1 second, then the unit returns to the priority display.

Manually Storing Individual Preset Stations
1. Select the desired band.
2. Select the preset frequency that you wish to replace by pressing the band button as many times as needed.
3. Press and hold the band button until the preset number begins to blink.
4. Use the < and > buttons to seek or to manually tune the desired frequency.
5. Once the desired frequency is tuned, press the band button for 2 seconds at which time the preset number appears in the display to confirm the storage, then release the button. (If you wish to replace the next preset frequency, you can continue holding the band button until the next preset number begins to blink, and repeat steps 4-5.)

CASSETTE PLAYER OPERATION

Cassette Tape Play:
• Insert cassette into Cassette Door. Note: Make sure that the side of the cassette with the tape exposed is facing to the right side and that all slack has been removed from the tape prior to insertion.
• The insertion of the cassette will automatically override the radio, and the cassette will begin to play. When the cassette deck is being used, the display will indicate which direction the tape is going.
• The tape will continue to play until ejected after which the radio will play.

Auto-Reverse Tape Function
• Automatic: When the end of the tape (side A or B, program 1 or 2) is reached, the tape will automatically reverse direction and play the other side of the tape.
• Manual: To reverse tape direction during playback, press the PROG (Program) Buttons. The change in direction and in tape program will be confirmed in the Display.

Fast Winding of Tape
• To fast-rewind the tape, press the FR Button.
• To fast-forward the tape, press the FF Button.
When the unit is fast-winding, the display blinks.
• To stop fast winding, press the other fast-wind button, FR or FF.

Ejecting The Tape
Press the Cassette Eject Button to eject the tape. The radio will play.
<table>
<thead>
<tr>
<th>Trouble</th>
<th>Cause/Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No sound</td>
<td>Adjust the volume with the button</td>
</tr>
<tr>
<td>The display window does not appear on the screen</td>
<td>Replace the Z-speaker system. Set the center control to the center position</td>
</tr>
<tr>
<td>No sound</td>
<td>Adjust the volume with the button</td>
</tr>
<tr>
<td>No sound</td>
<td>Increase the volume.</td>
</tr>
</tbody>
</table>

**Radio reception** (Make sure the antenna is connected, extended, and dry inside)

<table>
<thead>
<tr>
<th>Cause/Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check the battery or antenna connection</td>
</tr>
<tr>
<td>Increase the volume.</td>
</tr>
<tr>
<td>Check the connection of the speakers</td>
</tr>
</tbody>
</table>

**Troubleshooting Guide**

The following checklist will assist in the correction of most problems which you may encounter with your unit. Before going through the check list below, refer back to the connection and

1. If the above mentioned solutions do not help to improve the situation, consult your nearest Blauwave dealer or in the USA call 1-800-960-2528. For dealer referral or product information call 1-800-266-2628.