

## Gravity AGR-S205BT

# Gravity AGR-S205BT Car Entertainment System User Manual

Model: AGR-S205BT

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Gravity AGR-S205BT Car Entertainment System. This unit is a CD-Receiver featuring built-in Bluetooth, SD card slot, USB port, and a front auxiliary input, capable of playing MP3 discs. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

## 2. SAFETY PRECAUTIONS

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- **Electrical Safety:** Ensure proper wiring connections to avoid short circuits or electrical hazards. Incorrect wiring can damage the unit or the vehicle's electrical system.
- **Installation:** Professional installation is recommended. If installing yourself, disconnect the vehicle's negative battery terminal before starting to prevent electrical damage.
- **Operating Environment:** Do not expose the unit to excessive moisture, dust, or extreme temperatures.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Volume Levels:** Avoid listening at excessively high volume levels for prolonged periods to prevent hearing damage.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Gravity AGR-S205BT Car Entertainment System Unit
- Wiring Harness
- Remote Control

- Mounting Hardware (Screws, Mounting Sleeve)
- User Manual (this document)



Image: Included wiring harness and remote control for the AGR-S205BT unit.

## 4. SETUP AND INSTALLATION

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### 4.1. Mounting the Unit

The AGR-S205BT is designed for standard DIN-sized openings. Secure the mounting sleeve into the vehicle's dashboard opening. Insert the unit into the sleeve until it locks into place. Ensure the unit is firmly seated to prevent vibration during driving.

### 4.2. Wiring Connections

Refer to the wiring diagram below and the labels on the included wiring harness. Connect each wire to its corresponding function in your vehicle's wiring system. Incorrect wiring can cause damage to the unit or vehicle.

- **Yellow:** Constant 12V (Battery)
- **Red:** Switched 12V (Accessory/Ignition)
- **Black:** Ground
- **Blue:** Power Antenna / Amplifier Remote Turn-On
- **Orange:** Illumination
- **Speaker Wires:** Connect to vehicle speakers (e.g., White/White-Black for Front Left, Gray/Gray-Black for Front Right, Green/Green-Black for Rear Left, Purple/Purple-Black for Rear Right).



Image: Rear panel of the AGR-S205BT unit, illustrating the wiring harness connection point and RCA outputs.



Image: Angled front-right view of the Gravity AGR-S205BT car entertainment system.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Basic Operations

- **Power On/Off:** Press the **POWER** button (usually the volume knob) to turn the unit on or off.
- **Volume Control:** Rotate the large knob on the front panel to adjust the volume level.
- **Source Selection:** Press the **MODE** button to cycle through available sources: Radio (AM/FM), CD, USB, SD, Bluetooth, AUX.
- **Audio Settings (EQ):** Press the **EQ** button to select from preset equalizer modes such as Rock, Pop, Classic, or Flat.
- **Display:** The unit features a display with color lighting. Press the **DISP** button to change display information or view the clock.

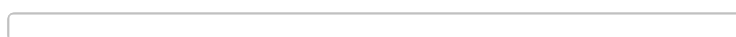


Image: Angled front-left view of the Gravity AGR-S205BT car entertainment system, highlighting the control knob and display.

## 5.2. Media Playback

- **CD/MP3 Disc:** Insert a CD or MP3 disc into the disc slot. The unit will automatically switch to CD mode and begin playback. Use the track forward/backward buttons to navigate.
- **USB/SD Card:** Insert a USB drive into the front USB port or an SD card into the SD card slot. The unit will automatically switch to USB/SD mode and begin playing compatible audio files.
- **Auxiliary Input:** Connect an external audio device (e.g., smartphone, MP3 player) to the front 3.5mm AUX input using an audio cable. Select AUX mode on the unit.



Image: Close-up view of the AGR-S205BT front panel, showing the USB port and auxiliary input.

## 5.3. Bluetooth Operation

The AGR-S205BT features built-in Bluetooth for wireless audio streaming and hands-free calling.

- **Pairing:** Enable Bluetooth on your mobile device. Select "AGR-S205BT" from the list of available devices. Enter "0000" if a PIN is required. Once paired, the unit will confirm the connection.
- **Audio Streaming (A2DP):** After pairing, you can stream audio from your device to the car stereo. Use your device or the unit's controls to play, pause, and skip tracks.
- **Hands-Free Calling:** When a call comes in, the unit will display the caller ID. Press the **CALL** button (if available on the unit or remote) to answer.

## 5.4. Radio Operation

- **Tuning:** In Radio mode, press the **BAND** button to select AM or FM. Use the seek buttons to automatically search for stations or manually tune.
- **Presets:** The unit supports 6 presets for AM and FM bands. To save a station, tune to the desired frequency, then press and hold one of the preset number buttons (1-6) until you hear a beep. To recall a preset, simply press the corresponding number button.

## 5.5. Remote Control

The included remote control allows for convenient operation of the unit from a distance. Point the remote control directly at the unit's front panel for optimal response. Functions include power, volume, mode, track skip, EQ, and more.

## 6. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the unit's front panel. For stubborn dirt, dampen the cloth with a small amount of water. Do not use abrasive cleaners or solvents.
- **Disc Care:** Handle CDs and MP3 discs by their edges. Keep them clean and free of scratches to ensure proper playback.
- **Fuse Replacement:** If the unit does not power on, check the inline fuse on the yellow constant power wire. Replace it with a fuse of the same rating (10A).

## 7. TROUBLESHOOTING

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If you encounter issues with your AGR-S205BT unit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Blown fuse; incorrect wiring; loose connection	Check and replace fuse (10A); verify all wiring connections (Yellow, Red, Black); ensure secure connections.
No sound	Volume too low; Mute activated; incorrect speaker wiring	Increase volume; deactivate Mute; check speaker wire connections.
Bluetooth not connecting	Device not in pairing mode; unit not in Bluetooth mode; interference	Ensure Bluetooth is enabled on your device and in pairing mode; select Bluetooth mode on the unit; try restarting both devices.
Poor radio reception	Antenna not connected; weak signal; antenna issue	Ensure antenna is securely connected; consider a powered antenna if reception remains poor in your area.
Disc playback issues	Dirty or scratched disc; incompatible disc format	Clean the disc; try a different disc; ensure disc is MP3 compatible if applicable.

If the problem persists after trying these solutions, contact customer support or a qualified technician.

## 8. SPECIFICATIONS

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- **Model Number:** AGR-S205BT
- **Brand:** Gravity
- **Connectivity Technology:** Auxiliary, Bluetooth, USB
- **Compatible Devices:** Smartphone, Speaker
- **Connector Type:** 3.5mm Jack, USB
- **Audio Output Mode:** Stereo
- **Output Power:** 300 Watts (Max)
- **Number of Channels:** 4
- **Control Method:** Remote
- **Wireless Technology:** Bluetooth
- **Supported Format:** MPEG (for MP3 discs)
- **Item Weight:** 3.7 Pounds
- **Special Feature:** Equalizer (Preset EQ: Rock/POP/Classic)

## 9. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact Gravity customer service directly. Details regarding product protection plans may also be available from your retailer.

