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## UNITOPSCI A3255

# UNITOPSCI Single Din Car Stereo Radio Model A3255 User Manual

Bluetooth Multimedia Car MP3 Player with FM Radio, Dual USB, and AUX Input

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your UNITOPSCI Single Din Car Stereo Radio, Model A3255. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage.

## 2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of this product requires technical skills. If you are unsure about the installation process, seek assistance from a qualified professional.
- **Power Supply:** Ensure the car stereo is connected to a 12V DC power supply with negative grounding.
- **Wiring:** Incorrect wiring can cause damage to the unit or the vehicle's electrical system. Follow the wiring diagram carefully.
- **Avoid Water and Moisture:** Do not expose the unit to water or excessive moisture to prevent electric shock or fire.
- **Operating Temperature:** Operate the unit within the specified temperature range.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Car Stereo Unit
- 1 x Power Cable
- 1 x Horn Cable

- 1 x Disassembly Tools (Pair of Iron Sheets)
- 1 x User Manual

## Size & Package List

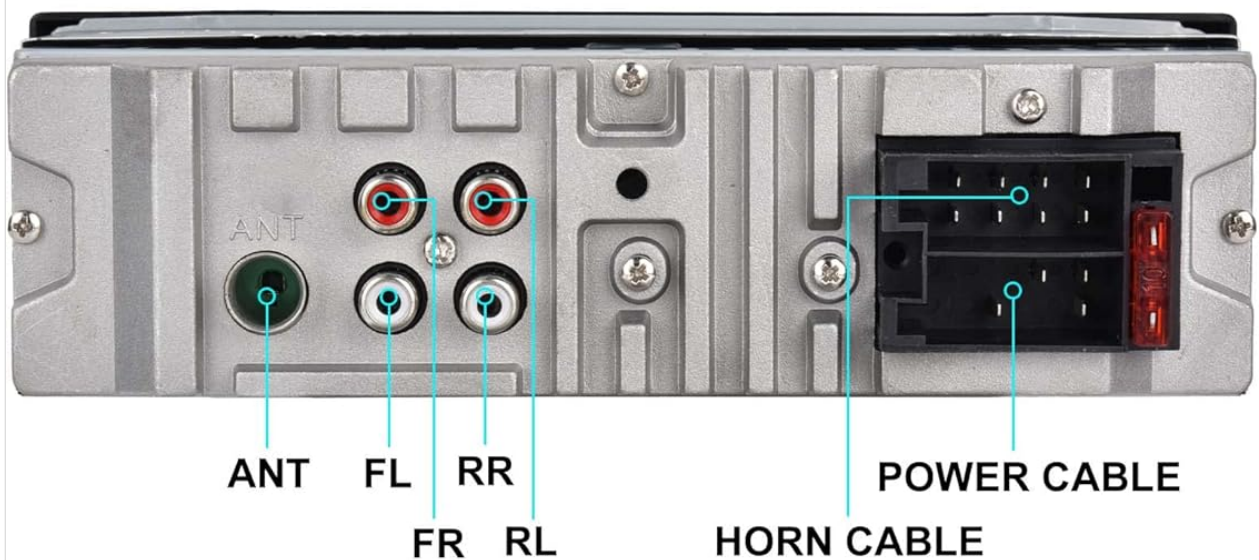
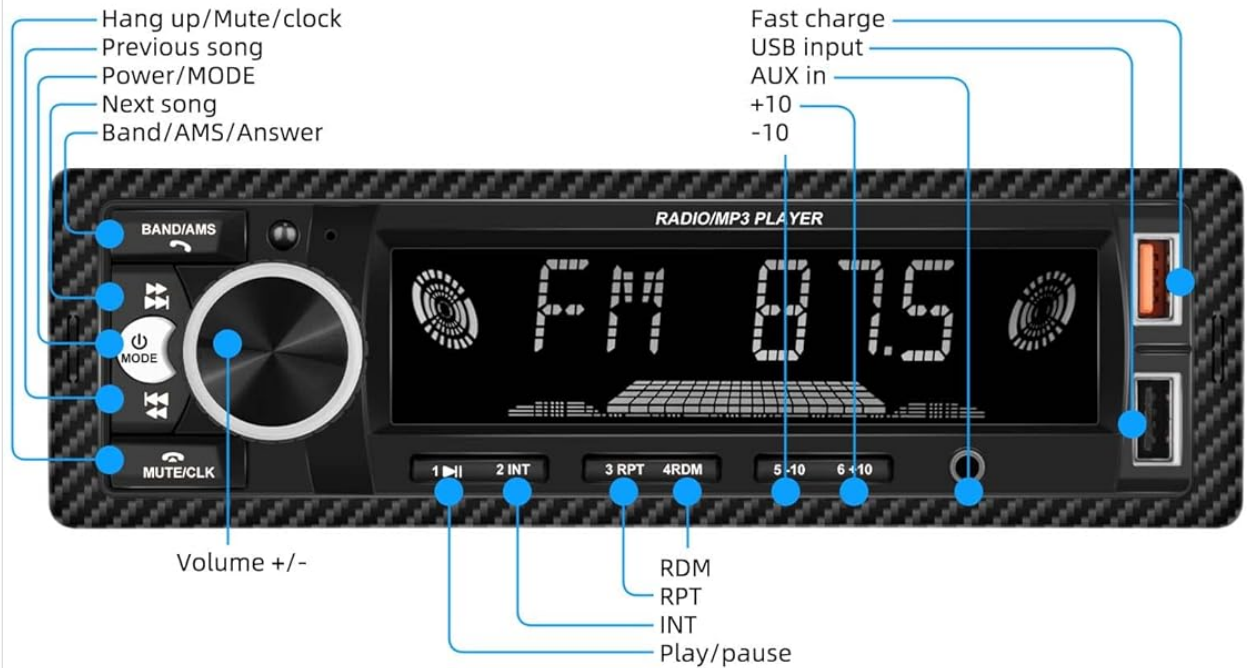


**Image Description:** This image displays the UNITOPSCI Single Din Car Stereo unit along with its accessories: a power cable, a speaker cable (labeled as horn cable in the list), a user manual, and two metal disassembly tools. The image also shows the unit's dimensions and rear connections.

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel Controls

# Product Instruction



- FR: Front Right RCA PRE-AMP Output (Red)
- FL: Front Left RCA PRE-AMP Output (White)
- RR: Rear Right RCA PRE-AMP Output (Red)
- RL: Rear Left RCA PRE-AMP Output (White)



**Image Description:** A detailed view of the car stereo's front panel, highlighting each button and port with corresponding labels. Key controls include the power/mode button, volume knob, band/answer button, mute/clock button, track skip buttons, and numbered preset buttons (1-6). It also shows the dual USB ports and AUX input.

- **Power/Mode Button (Ⓜ MODE):** Short press to switch between modes (FM, BT, USB, AUX). Long press to power on/off.
- **Volume Knob:** Rotate to adjust volume. Press to access audio settings (Bass, Treble, Balance, Fader, EQ).
- **BAND/AMS Button:** In FM mode, short press to switch radio bands (FM1, FM2, FM3). Long press to auto-scan and store stations. In Bluetooth mode, short press to answer a call.

- **MUTE/CLK Button:** Short press to mute/unmute audio. Long press to display and set the clock.
- **Previous/Next Track Buttons (◀◀ / ▶▶):** Short press to skip tracks or change radio stations. Long press for fast forward/rewind.
- **Preset Buttons (1-6):** Store and recall radio stations. In USB/BT mode, these may have additional functions like Play/Pause (1), Intro (2), Repeat (3), Random (4), Folder Down (5), Folder Up (6).
- **USB Ports:** One port for media playback (U disk playback), another for fast charging mobile devices.
- **AUX-in Port:** 3.5mm jack for connecting external audio devices.

## 4.2 Rear Panel Connections



**Image Description:** The rear panel of the car stereo, illustrating the antenna input (ANT), RCA pre-amp outputs (FL, FR, RL, RR), the main power cable connector, and the horn cable connector. This view is crucial for understanding wiring connections.

- **ANT:** Antenna input for FM radio reception.
- **RCA Pre-Amp Outputs (FL, FR, RL, RR):** Front Left, Front Right, Rear Left, Rear Right audio outputs for connecting external amplifiers.
- **Power Cable Connector:** For connecting the main power harness to the vehicle's electrical system.
- **Horn Cable Connector:** For connecting speaker wires.

## 5. INSTALLATION

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The UNITOPSCI Single Din Car Stereo is designed for universal single DIN dash openings. The unit's dimensions are approximately 188mm (7.4 inches) in length and 58mm (2.2 inches) in height. Please measure your vehicle's dash opening to ensure compatibility.



**Image Description:** A close-up of the wiring harness, showing multiple colored wires for power, ground, accessory, and speaker connections. This harness connects to the vehicle's existing wiring.

1. **Disconnect Battery:** Before starting installation, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove your existing car stereo from the dashboard.
3. **Connect Wiring:** Match the wires from the car stereo's harness to your vehicle's wiring harness. Refer to the wiring diagram provided with your vehicle or the stereo for correct connections (typically Red for ACC, Yellow for 12V constant, Black for Ground, and colored wires for speakers).
4. **Mount Unit:** Slide the car stereo into the single DIN opening in your dashboard. Secure it using the provided mounting hardware or brackets.
5. **Reconnect Battery:** Once the unit is securely installed and all wiring is checked, reconnect the negative terminal of your vehicle's battery.
6. **Test Functionality:** Power on the unit and test all functions (radio, Bluetooth, USB, AUX, sound output) before fully reassembling the dashboard.

**Note:** If your vehicle's dash opening is larger than the stereo, a dash kit may be required for a proper fit.

## 6. SETUP

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### 6.1 Initial Power On

After installation, press and hold the **MODE** button to power on the unit. The display will illuminate.

### 6.2 Setting the Clock

1. Long press the **MUTE/CLK** button until the clock display flashes.

2. Use the **Volume Knob** to adjust the hours.
3. Press the **Volume Knob** to switch to minutes adjustment.
4. Use the **Volume Knob** to adjust the minutes.
5. Press the **MUTE/CLK** button again to save and exit.

## 7. OPERATING INSTRUCTIONS

### 7.1 FM Radio Operation



**Image Description:** The car stereo's display showing 'FM 87.5', indicating it is in FM radio mode and tuned to 87.5 MHz. An equalizer graphic is also visible on the display.

- **Select FM Mode:** Press the **MODE** button until 'FM' appears on the display.
- **Change Band:** Short press the **BAND/AMS** button to cycle through FM1, FM2, FM3 bands.
- **Auto Scan:** Long press the **BAND/AMS** button to automatically scan for and store strong stations in the current band.
- **Manual Tuning:** Short press the **◀◀** or **▶▶** buttons to tune to the next/previous station.
- **Preset Stations:** Short press preset buttons **1-6** to recall stored stations. To store a station, tune to the

desired frequency, then long press a preset button (1-6) until you hear a beep.

## 7.2 Bluetooth Operation

# Built-in Microphone & Bluetooth Hands-free Calling

Single din Bluetooth car radio is equipped with internal microphone, support hands-free calls, wireless Bluetooth music



**Image Description:** The car stereo installed in a vehicle's dashboard, with a smartphone displaying an incoming call. A Bluetooth icon is shown, emphasizing the hands-free calling feature of the stereo.

### • Pairing:

- Press the **MODE** button to select 'BT' mode. The display will show 'BT'.
- On your mobile device, enable Bluetooth and search for available devices.
- Select 'CAR BT' (or similar name) from the list. The default pairing code is '0000'.
- Once paired, the display will show 'BT ON' or a similar confirmation.

### • Hands-Free Calling:

- Answer Call:** When a call comes in, short press the **BAND/AMS** button.
- End Call:** During a call, short press the **MODE** button to end the call.
- Redial:** Short press the **BAND/AMS** button to redial the last number.

- **Bluetooth Audio Streaming:** After pairing, you can play music from your mobile device through the car stereo. Use the **◀** and **▶** buttons to skip tracks, and the **1** button for play/pause.

## 7.3 USB Playback

# Dual USB/Aux-in/Fast Charging & Physical Buttons

3 modes audio playback: USB flash drive/ BT Audio/3.5mm Aux-in  
USB Fast Charging Dual USB ports can be used at the same time



**Image Description:** The car stereo's front panel, illustrating its connectivity options. It shows a USB flash drive connected for media playback, a 3.5mm AUX cable connected, and a smartphone connected to the fast-charging USB port, indicating multiple audio input and charging capabilities.

- Insert a USB flash drive containing MP3/WMA audio files into the designated USB port (usually the left one). The unit will automatically switch to USB mode and begin playback.
- Use the ◀◀ and ▶▶ buttons to skip tracks.
- Press the 1 button for play/pause.
- The other USB port is for fast charging mobile devices.

## 7.4 AUX Input

- Connect an external audio device (e.g., smartphone, MP3 player) to the 3.5mm AUX-in port on the front panel using an audio cable.
- Press the **MODE** button until 'AUX' appears on the display.
- Control playback from your connected device. The car stereo's volume control will adjust the output level.

## 7.5 Audio Settings and Display

# HD LCD Display with 7 Colorful Backlight

Car radio features digital LCD display with 7 variable club lights let you enjoy comfortable visual effects



**Image Description:** A series of images demonstrating the car stereo's LCD display with 7 different colorful backlight options, including red, yellow, green, blue, purple, cyan, and white. This highlights the customizable visual effects of the unit.

- **Audio Adjustments:** Press the **Volume Knob** repeatedly to cycle through audio settings such as BASS, TREBLE, BALANCE (L/R), FADER (F/R), and EQ (Equalizer presets like POP, ROCK, CLASSIC, JAZZ). Rotate the knob to adjust the selected setting.

- **Colorful Backlight:** The unit features a digital LCD display with 7 variable backlight colors. These can typically be adjusted through the audio settings menu or a dedicated button (refer to specific model features if available).

## 8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the front panel. Do not use abrasive cleaners or solvents.
- **Avoid Extreme Temperatures:** Prolonged exposure to direct sunlight or extreme cold can affect the unit's performance and lifespan.
- **Fuse Replacement:** If the unit does not power on, check the fuse located on the rear of the unit. Replace it with a fuse of the same rating (e.g., 10A).

## 9. TROUBLESHOOTING

| Problem               | Possible Cause  | Solution   |
|-----------------------|---|--|
| No power              | Incorrect wiring; Blown fuse; Loose connection  | Check power and ground connections; Replace fuse; Ensure all wires are securely connected.                   |
| No sound              | Speaker wires disconnected; Volume too low; Mute function active; Incorrect audio source selected | Check speaker connections; Increase volume; Deactivate mute; Select correct audio source (FM, BT, USB, AUX). |
| Bluetooth not pairing | Bluetooth not enabled on device; Incorrect pairing code; Unit not in BT mode                      | Ensure Bluetooth is on and discoverable on your phone; Use '0000' as pairing code; Switch stereo to BT mode. |
| USB not playing       | Unsupported file format; USB drive corrupted; USB drive not inserted correctly                    | Ensure files are MP3/WMA; Try a different USB drive; Reinsert USB drive firmly.                              |
| Poor FM reception     | Antenna not connected; Weak signal area; Damaged antenna  | Check antenna connection; Try auto-scanning in a different location; Inspect antenna for damage.             |

## 10. SPECIFICATIONS

- **Model Number:** A3255
- **Product Dimensions:** 0.39 x 0.39 x 0.39 inches (Unit dimensions: 188mm x 58mm x 100mm)
- **Item Weight:** 15.8 ounces
- **Connectivity Technology:** Bluetooth, USB
- **Controller Type:** Hand Control
- **Special Features:** Built-In Bluetooth, Digital Display Screen, FM Tuner, Hands-Free Calling, Dual USB (Playback/Charging)
- **Compatible Devices:** Smartphone, Speaker
- **Connector Type:** Stereo Audio (AUX), USB 2.0
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 4 Channel
- **Output Power:** 4\*60 Watts (Max)

- **FM Radio Frequency:** 87.5~108MHz

## 11. WARRANTY AND SUPPORT

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UNITOPSCI provides comprehensive customer support for its products.

- **Replacement:** Available within 24 months of purchase.
- **Returns:** 60-day no-worry return policy.
- **Technical Support:** Lifetime after-sales consultation and technical support are available.
- **Contact:** For support inquiries, please email [UNITOPSCI@126.com](mailto:UNITOPSCI@126.com).