M600S

Generic Android 12 Car Stereo M600S User Manual

For Suzuki Celerio 2015-2018 Models

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Generic Android 12 Car Stereo, model M600S. This unit is specifically designed for Suzuki Celerio vehicles manufactured between 2015 and 2018. Please read this manual thoroughly before installation and use to ensure proper function and safety.

1.1 Applicable Model

- **Vehicle:** Suzuki Celerio
- **Model Years:** 2015, 2016, 2017, 2018
- **Stereo Model:** M600S (8-core, 6GB RAM + 128GB ROM)

1.2 Key Features

- Android 12 Operating System
- 9-inch HD Touchscreen (1280x720 IPS)
- Built-in Wireless CarPlay and Android Auto
- Bluetooth 5.0 for hands-free calling and audio streaming
- Integrated GPS Navigation with support for various map applications
- Digital Sound Processor (DSP) for enhanced audio quality
- FM/AM RDS Radio
- Support for Steering Wheel Controls
- Split Screen Functionality
- OBD II Support for vehicle diagnostics
- Built-in 4G LTE and Wi-Fi connectivity
- Cooling Fan for optimal performance

1.3 Package Contents

Verify that all items are present in the package before proceeding with installation:

- 1x Car Frame (specific to Suzuki Celerio)
- 1x Head-up Display (Screen Unit)
- 1x Power Cable (Plug and Play)
- RCA Cables
- Reversing Camera
- USB Cables
- Microphone
- GPS Antenna
- 4G Antenna
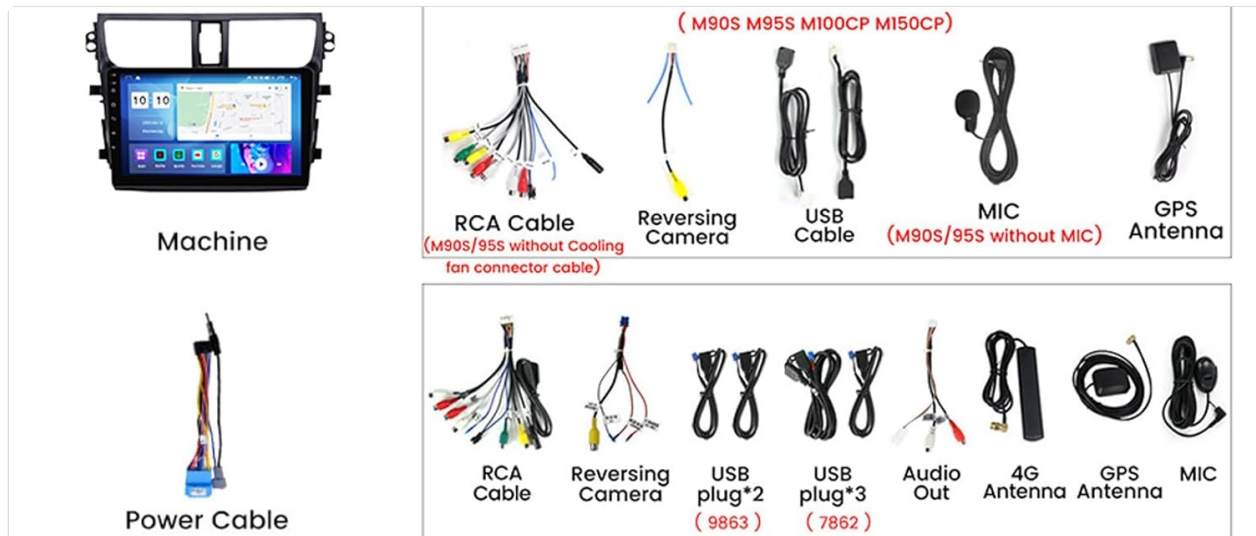
This image displays the various components included with the car stereo system, such as the main unit, power cable, RCA cables, reversing camera, USB cables, microphone, and GPS antenna. It also shows a side-by-side comparison of a Suzuki Celerio dashboard before and after the 9-inch Android 12 car stereo is installed, highlighting the integrated appearance.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the device:

- **Professional Installation Recommended:** The installation of this device requires technical knowledge and experience. It is strongly recommended to seek assistance from qualified professional installation engineers to avoid damage to the vehicle's electrical system or the stereo unit.
- **Power Supply:** Ensure the device is connected to a 12V DC power supply. Incorrect voltage can cause damage.
- **Wiring:** Double-check all wiring connections before powering on the unit. Incorrect wiring can lead to short circuits or malfunction.
- **Driving Safety:** Do not operate complex functions or watch videos that may distract you while driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the unit away from water and excessive moisture.

3. SETUP AND INSTALLATION

3.1 Pre-Installation Check

Before beginning installation, confirm the following:

- Your vehicle is a Suzuki Celerio (2015-2018). If unsure, send a photo of your car's center console to the supplier for verification.
- All components listed in Section 1.3 are present.
- Disconnect the vehicle's battery to prevent electrical shorts during installation.

3.2 Wiring Diagram

Refer to the following diagrams for proper connection of the main unit and accessories. Note that specific wiring may vary slightly between models, but the general principles apply.

Support ADAS DVR
Anti-collision warning driving recorder

Front vehicle distance prediction, front vehicle anti-collision warning and lane departure warning make driving safer.
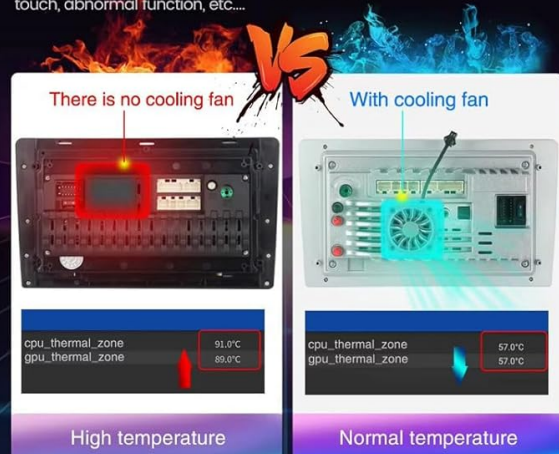
Front car start reminder
Lane deviation warning
Front distance collision warning

Support OBD II
On-board disgnostics:diagnose your car status anytime.

TORQUE
Engine Management Diagnostics and Tools

Support Cooling fan
(M200S M300S M400S M500S M600S M700S)

The cooling fan can deal with and solve the abnormal operation caused by high temperature in summer and long-term use of the machine, such as restart, abnormal touch, abnormal function, etc....

There is no cooling fan | VS | With cooling fan

| cpu_thermal_zone | 91.0°C |
| gpu_thermal_zone | 89.0°C |

| cpu_thermal_zone | 57.0°C |
| gpu_thermal_zone | 57.0°C |

High temperature | Normal temperature

Setup steps:

1. connect
2. Settings -- Device -- Sound
3. Device -- AMP ON
4.The cooling fan starts working

This diagram details the rear connections for M100CP and M150CP models, including the audio and video multi-functional plug, MIC port, power cable, steering wheel control inputs, brake control, auto antenna, amplifier control, USB ports, camera input, and GPS antenna connection. It also notes the requirement for a CANBUS cable if the car has CANBUS.

1080P Rear View Cam
(Only M200S 300S 400S 500S 600S 700S 800S support)

1080P AHD waterproof rear camera,it can switch to reverse screen with parking line whenreversing car. Whatever day or night,clear enough tosee the back view

Daytime rear view effect

Night rear view effect

1080P Video

1080P video decoder, True Color 24 HD–Display. Support perfect APE music 3D acceleration allows fluent playback at any section of you USB/SD quality video.
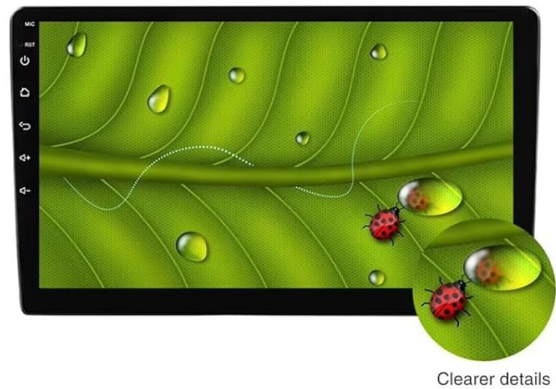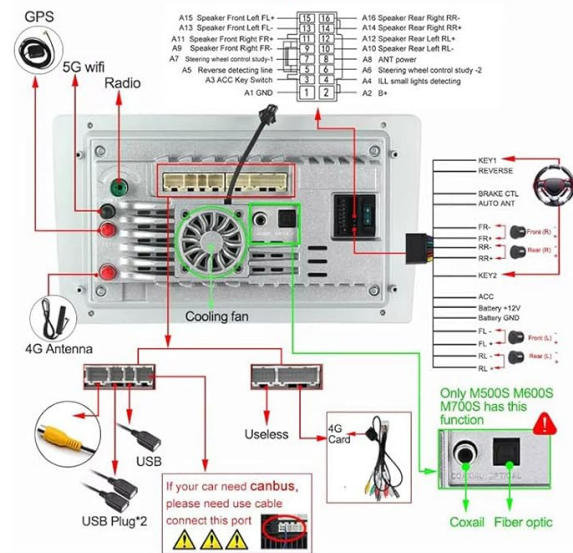
Clearer details

Accessories
(M200S M300S M400S M500S M600S M700S M800S)

RCA Cable   Audio out   Reversing camera   MIC   GPS Antenna   4G Antenna

(M200S M400S)   (M300S M500S M600S M700S M800S)

AUDIO OUT L
AUDIO OUT R
AUX R IN
AUX L IN
AMP CONT
cooling fan interface
SVB WOOF
CVBS–IN–I
MIC

4G Card Slot

1. CAM VIN   2. IR   5. RX/TX   7. RR OUT
3. BRAKE   4. CAM 12V   6. RL OUT

Back of the host device
(M200S M300S M400S M500S M600S M700S)

GPS
5G wifi
Radio

A15 Speaker Front Left FL+   A16 Speaker Rear Right RR-
A13 Speaker Front Left FL-   A14 Speaker Rear Right RR+
A11 Speaker Front Right FR+   A12 Speaker Rear Left RL+
A9 Speaker Front Right FR-   A10 Speaker Rear Left RL-
A7 Steering wheel control study-1   A8 ANT power
A5 Reverse detecting line   A6 Steering wheel control study -2
A3 ACC Key Switch   A4 ILL small lights detecting
A1 GND   A2 B+

15 16
13 14
11 12
9 10
7 8
5 6
3 4
1 2

KEY1
REVERSE
BRAKE CTL
AUTO ANT
FR-   Front (R)
FR+
RR-   Rear (R)
RR+
KEY2
ACC
Battery +12V
Battery GND
FL-   Front (L)
FL+
RL-   Rear (L)
RL+

Only M500S M600S M700S has this function

Cooling fan

4G Antenna

USB

Useless   4G Card

Coxail   Fiber optic

USB Plug*2

If your car need canbus, please need use cable connect this port

This image displays the accessories included with M200S through M800S models, such as RCA cables, reversing camera, microphone, GPS antenna, and 4G antenna. It also provides a detailed wiring diagram for the back of these host devices, showing connections for GPS, radio antenna, 4G antenna, USB ports, camera input, cooling fan, and the main power harness. Specific notes are included for CANBUS connection and coaxial fiber optic for M500S/M600S models.

3.3 Installation Steps (General)

1. Carefully remove the original car stereo and trim panels from your Suzuki Celerio dashboard.
2. Connect the provided power cable harness to the vehicle's wiring and the new stereo unit. Ensure all connections are secure.
3. Connect the GPS antenna, 4G antenna (if applicable), USB cables, microphone, and reversing camera cable to their respective ports on the stereo unit.
4. If your vehicle has steering wheel controls, connect the appropriate wires as per the wiring diagram.
5. Carefully slide the new stereo unit into the dashboard opening.
6. Secure the unit with screws or clips as required by the car frame.
7. Reinstall any removed trim panels.
8. Reconnect the vehicle's battery and power on the unit to test functionality.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- The unit typically powers on automatically when the vehicle's ignition is turned on.
- To manually power off or restart, press and hold the power button on the unit or use the software option in the settings menu.

4.2 Touchscreen Operation

The 9-inch HD touchscreen supports multi-touch gestures. Navigate through menus, select applications, and control functions by tapping, swiping, and pinching.

4.3 Wireless CarPlay / Android Auto

This unit supports wireless CarPlay and Android Auto for seamless smartphone integration.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, open the CarPlay or Android Auto application.
3. Follow the on-screen prompts to pair your phone via Bluetooth.
4. Once paired, the system will automatically connect for wireless CarPlay or Android Auto functionality.

4.4 GPS Navigation

The built-in GPS module provides accurate positioning and navigation. The unit comes with pre-installed navigation applications and supports others from the Google Play Store.

- Open the desired navigation app from the main menu.
- Enter your destination and follow the voice and visual prompts.
- The system supports real-time traffic condition display (requires internet connection).

This image illustrates key functionalities of the car stereo. It shows the Digital Sound Processor (DSP) interface for audio customization, the Bluetooth function for hands-free calls and music streaming with contact synchronization, the GPS navigation system supporting various map applications like Navitel, iGO, Yandex, and Google, and the FM/AM RDS radio interface for station tuning and display.

4.5 Bluetooth Connectivity

Connect your smartphone or other Bluetooth devices for hands-free calling and audio streaming.

1. Go to the Bluetooth settings on the car stereo.
2. Enable Bluetooth on your phone and search for available devices.
3. Select the car stereo's Bluetooth name (e.g., "CarBT") from your phone's list and pair.
4. Once connected, you can make/receive calls and play music through the car speakers.

4.6 FM/AM RDS Radio

Access local radio stations with clear reception and RDS (Radio Data System) information.

- Open the Radio application.
- Use the scan function to automatically find and save available stations.

- Manually tune to frequencies or select from saved presets.
- RDS provides station information, song titles, and traffic announcements where available.

4.7 DSP Processor

The Digital Sound Processor allows for fine-tuning of audio output to match your preferences and vehicle acoustics.

- Access the DSP settings from the main menu or audio settings.
- Adjust equalizer settings, balance, fader, and other audio parameters.

4.8 Split Screen Function

Run two applications simultaneously on the screen, such as navigation and music playback.

- Open the first application.
- Press and hold the recent apps button or swipe from the bottom (depending on Android version) to activate split-screen mode.
- Select the second application to run alongside the first.

4.9 Steering Wheel Controls

If properly wired, the unit supports your vehicle's existing steering wheel controls for safe and convenient operation.

- Go to the 'Steering Wheel Control' settings in the system menu.
- Follow the on-screen instructions to map your steering wheel buttons to specific functions (e.g., volume up/down, track skip, mode).

4.10 OBD II Diagnostics

Connect an optional OBD II adapter (sold separately) to monitor your vehicle's performance and diagnostic information.

- Pair the OBD II adapter via Bluetooth.
- Open a compatible OBD II application (e.g., Torque) on the stereo.
- View real-time engine data, fault codes, and other vehicle parameters.

M100CP M150CP Back of the host device

A15 Speaker Front Left FL+ — [15] [16] — A16 Speaker Rear Right RR-
A13 Speaker Front Left FL- — [13] [14] — A14 Speaker Rear Right RR+
A11 Speaker Front Right FR+ — [11] [12] — A12 Speaker Rear Left RL+
A9 Speaker Front Right FR- — [9] [10] — A10 Speaker Rear Left RL-
A7 Steering wheel control study-1 — [7] [8] — A8 ANT power
A5 Reverse detecting line — [5] [6] — A6 Steering wheel control study -2
A3 ACC Key Switch — [3] [4] — A4 ILL small lights detecting
A1 GND — [1] [2] — A2 B+

Audio and video multifunctional plug

MIC Port

If your car need **canbus**, please need use cable connect this port

KEY1
REVERSE
BRAKE CTL
AUTO ANT
Front (R) FR- FR+
Rear (R) RR- RR+
KEY2
ACC
Battery +12V
Battery GND
Front (L) FL - FL +
Rear (L) RL - RL +

Radio
ANT

Cooling fan

GPS

USB1

Camera input

USB2

This image highlights advanced features: ADAS (Advanced Driver-Assistance Systems) DVR for anti-collision and lane departure warnings, a demonstration of the cooling fan's effectiveness in managing device temperature (contrasting high temperature without a fan versus normal temperature with a fan), and the OBD II (On-Board Diagnostics) interface for real-time vehicle status monitoring.

4.11 Rear View Camera

The unit supports a rear view camera for safer parking and reversing.

- When the vehicle is shifted into reverse gear, the display will automatically switch to the rear view camera feed.
- Ensure the camera is properly installed and connected to the 'Camera Input' port.

4.12 4G LTE & Wi-Fi

Stay connected with built-in 4G LTE (requires SIM card) and Wi-Fi capabilities.

- **4G LTE:** Insert a compatible 4G SIM card into the designated slot (if available on your model) to access mobile data.
- **Wi-Fi:** Connect to available Wi-Fi networks (e.g., mobile hotspot) through the system settings to access online features and download apps.

5. Maintenance

5.1 Cleaning the Screen

- Use a soft, lint-free cloth to gently wipe the screen.
- For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals.

5.2 Software Updates

- Periodically check for system software updates in the 'Settings' menu.
- Updates can improve performance, add new features, and fix bugs. Ensure a stable internet connection during updates.

5.3 Cooling Fan

The M600S model includes a cooling fan to maintain optimal operating temperature. Ensure the fan vents are not obstructed to allow for proper airflow.

6. Troubleshooting

If you encounter issues with your car stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power / Unit does not turn on	Incorrect wiring; Blown fuse; Loose power connection	Check power cable connections; Inspect vehicle's fuse box; Ensure battery is connected.
No sound	Volume too low; Mute activated; Speaker wires disconnected; Incorrect audio settings	Increase volume; Check mute status; Verify speaker wiring; Adjust audio output settings (e.g., balance/fader).
GPS signal lost or inaccurate	GPS antenna obstructed or disconnected; Poor satellite reception	Ensure GPS antenna is properly installed and has a clear view of the sky; Check antenna connection.
Bluetooth pairing issues	Bluetooth not enabled; Device not discoverable; Interference	Ensure Bluetooth is on for both devices; Make sure the stereo is in pairing mode; Restart both devices.
Touchscreen unresponsive	System freeze; Software glitch	Restart the unit (press and hold power button); If persistent, perform a factory reset (data will be lost).
CarPlay/Android Auto not connecting	Phone settings; App issues; USB cable (for wired connection)	Ensure phone's Bluetooth/Wi-Fi is on; Check phone's CarPlay/Android Auto settings; Try restarting phone and stereo.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

7. Specifications

Detailed technical specifications for the M600S model:

Feature	Specification (M600S)
Operating System	Android 12
Processor	8-core
RAM / ROM	6GB RAM / 128GB ROM
Screen Size	9 inch
Screen Resolution	1280x720
Screen Type	IPS
CarPlay / Android Auto	Wireless Support
Bluetooth Module	5.0
4G LTE & Wi-Fi	Built-in Support
Cooling Fan	Supported
DSP Processor	Supported
Reversing Camera	Supported
RDS Radio	Supported
Power Supply	12V DC
Item Model Number	HL723783-Black-M600S8-core6+128G
ASIN	B0DZP16XXM

Car multimedia player parameter

	M90S M95S	M100CP M150CP	M200S M400S	M300S	M500S	M600S	M700S	M800S
Model								
Internet	Wi-Fi	Wi-Fi	4G+Wi-Fi	4G+Wi-Fi	4G+Wi-Fi	4G+Wi-Fi	4G+Wi-Fi	4G+Wi-Fi
OS	Android 12	Android 12	9863 Android 12	7862S Android 12	7862S Android 12	7862S Android 12	7862S Android 12	7862S Android 12
Core	4-Core	4-Core	8Core * 1.6Ghz 64 Bit Unisoc UIS8581A (SC9863A) 8*Cortex A55 28NM	8Core * 2.0Ghz 64 Bit Unisoc UIS7862S 2*Cortex A75+6*Cortex A55 12NM				
RAM/ROM	M90S: 1+32GB M95S: 2+32GB	M100CP: 1+32GB M150CP: 2+32GB	M200S: 2+32GB M400S: 4+64GB	4G+32G	4G+64G	6G+128G	8G+128G	8G+256G
Car-Play Auto	M90S: Optional M95S: wireless	wireless	wireless	wireless	wireless	wireless	wireless	wireless
BT module	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Resolution	1024*600	1024*600	1280*720	1280*720	1280*720	1280*720	1280*720	1280*720
Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen
Cooling fan	Optional	YES	YES	YES	YES	YES	YES	YES
Full AV Output	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
DSP	Optional	Optional	✔	✔	✔	✔	✔	✔
RDS	✔	✔	✔	✔	✔	✔	✔	✔

This table provides a detailed comparison of various car stereo models, outlining their internet connectivity (4G/Wi-Fi), operating system (Android 12), core processor type, RAM/ROM configurations, CarPlay/Android Auto support, Bluetooth module version, screen resolution, screen type (IPS), cooling fan presence, full AV output, DSP processor, and RDS radio capabilities. The M600S model features an 8-core processor, 6GB RAM + 128GB ROM, wireless CarPlay/Android Auto, Bluetooth 5.0, 1280x720 IPS screen, cooling fan, DSP, and RDS.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your proof of purchase for warranty claims.