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Sony MEX-N5300BT

Sony MEX-N5300BT Car Receiver Instruction Manual

Model: MEX-N5300BT

1. INTRODUCTION AND OVERVIEW

The Sony MEX-N5300BT is a versatile car receiver designed to enhance your in-car audio experience. It features dual Bluetooth connectivity for hands-free calling and audio streaming, allowing you to connect two smartphones simultaneously. Enjoy your favorite music from CDs, USB devices, or streaming services with support for MP3, WMA, and FLAC files. The unit also includes an AM/FM tuner with RDS and customizable dual-zone variable color illumination to match your vehicle's interior.



Figure 1.1: Front view of the Sony MEX-N5300BT car receiver with orange illumination, showcasing its display and controls.

Key Features:

- **Dual Bluetooth Connectivity:** Connect two smartphones simultaneously for hands-free calls and audio

streaming.

- **High Power Output:** Built-in amplifier delivers enhanced audio performance.
- **Versatile Media Playback:** Supports CDs, CD-Rs, CD-RWs, and digital files (MP3, WMA, FLAC) via USB.
- **AM/FM Tuner with RDS:** Access a wide range of radio stations with Radio Data System information.
- **Customizable Illumination:** Dual-zone variable color illumination allows personalization of the display and button lighting.
- **Smartphone Control:** Compatible with the Sony SongPal app for advanced control and sound settings.

2. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is highly recommended to have this unit installed by a qualified professional. Ensure your vehicle's battery is disconnected before beginning any wiring work.

2.1 Wiring Connections

The receiver comes with an ISO connector for standard vehicle wiring. Connect the power, ground, speaker, and remote turn-on wires according to your vehicle's wiring diagram and the receiver's manual. Ensure all connections are secure and properly insulated.

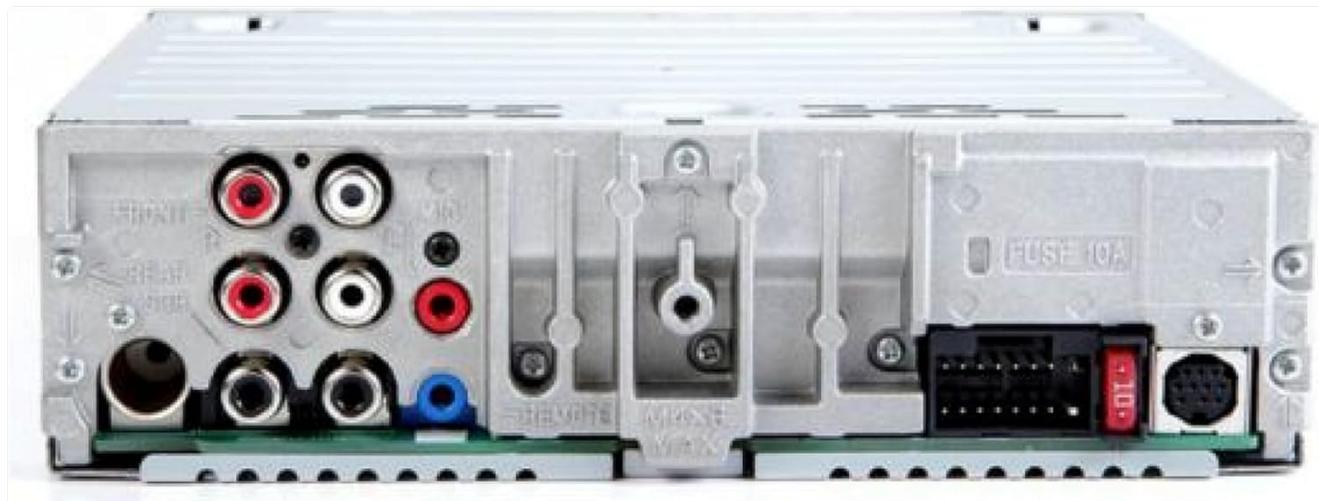


Figure 2.1: Rear view of the Sony MEX-N5300BT car receiver, illustrating the various wiring harnesses and RCA outputs for external amplifiers or subwoofers.

2.2 Mounting the Unit

Install the receiver into your vehicle's dashboard using the provided mounting hardware and trim ring. Ensure the unit is securely fastened to prevent movement during driving.

2.3 Initial Power-Up

After all connections are made and verified, reconnect your vehicle's battery. Turn on the ignition and then power on the receiver. Follow any on-screen prompts for initial setup, such as language selection or clock setting.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off and Source Selection

Press the **SRC** button to turn the unit on or off. Repeatedly press **SRC** to cycle through available audio sources such as Tuner, CD, USB, Bluetooth Audio, and AUX.



Figure 3.1: The Sony MEX-N5300BT car receiver displaying blue illumination, showing the main control knob and source selection buttons.

3.2 Bluetooth Pairing and Functions

To pair a device, ensure Bluetooth is enabled on your smartphone and on the receiver. Select 'Bluetooth' as the source and follow the pairing instructions on the receiver's display. The MEX-N5300BT supports dual Bluetooth, allowing two phones to be connected simultaneously for hands-free calling and audio streaming (A2DP). Use the **CALL** button for call management.

3.3 CD/USB Playback

Insert a CD into the disc slot for playback. Connect a USB device to the front USB port to play digital audio files. The unit supports MP3, WMA, and FLAC formats. Use the **SEEK+** and **SEEK-** buttons to navigate tracks or folders.

3.4 AM/FM Radio

Select 'Tuner' as the source. Use the **SEEK+** and **SEEK-** buttons to tune into radio stations. The Radio Data System (RDS) provides additional information such as station name and program type where available.

3.5 Sound Settings and Equalizer

Press the **MENU** button to access sound settings. Adjust bass, treble, balance, and fader. The **MEGA BASS** button provides an instant bass boost. Further sound customization is available through the equalizer settings.

3.6 SongPal App Control

Download the Sony SongPal app (available on Google Play and the App Store) to your smartphone. Once connected via Bluetooth, the app allows you to control various receiver functions, stream music, adjust sound settings, and use voice commands directly from your phone.

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Video 3.1: Official product video demonstrating the key features and functionalities of the Sony MEX-N5300BT car receiver, including dual Bluetooth connectivity, voice command, CD/MP3 playback, AM/FM radio, USB, AUX input, and Pandora integration.

4. MAINTENANCE

4.1 Cleaning the Unit

Wipe the front panel with a soft, dry cloth. For stubborn dirt, dampen the cloth with a mild detergent solution and wipe gently. Avoid using abrasive cleaners or solvents, as these can damage the finish.

4.2 CD Care

Handle CDs by their edges to prevent fingerprints and scratches. Store CDs in their cases when not in use. If a CD is dirty, wipe it gently from the center outwards with a soft, lint-free cloth.

4.3 General Care

Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure proper ventilation around the unit to prevent overheating.

5. TROUBLESHOOTING

If you encounter issues with your Sony MEX-N5300BT, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections, including the main power wire and ground. Verify that the vehicle's ignition is on and the fuse is not blown.
- **No Sound:** Ensure the volume is not muted or set too low. Check speaker connections and verify that the correct audio source is selected.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the receiver and your smartphone. Delete previous pairings and attempt to re-pair the devices. Move the smartphone closer to the receiver.
- **Disc Playback Errors:** Ensure the CD is clean and free of scratches. Try a different CD to rule out disc-specific issues.
- **USB Device Not Recognized:** Ensure the USB device is formatted correctly (e.g., FAT32) and contains supported audio files. Try a different USB device.
- **Unit Freezes or Malfunctions:** Perform a soft reset by pressing the reset button (usually a small pinhole) or by disconnecting the vehicle's battery for a few minutes. Check for available firmware updates on the Sony support website, as outdated firmware can sometimes cause operational issues.

If problems persist after attempting these steps, contact Sony customer support or a qualified service technician.

6. SPECIFICATIONS

Feature	Specification
Item Weight	2.86 pounds
Product Dimensions	10.13 x 8.88 x 3.88 inches
Chassis Size	Single-DIN
Preamp Voltage	5 Volts
Display Type	LCD
Wireless Remote	Yes
Memory Card Slot	CD+RW, CD-R, MP3
Media Playback Supported	MP3/WMA/WAV/AAC/FLAC
Connectivity Technology	Bluetooth, USB

Feature	Specification
Controller Type	Android
Special Feature	Bluetooth, Color Change, Pandora, Sirius XM, Steering Wheel Ctrl
Compatible Devices	Smartphone, Speaker, Tablet
Connector Type	3.5mm Jack, USB
Audio Encoding	Stereo
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4 channel
Color	Black

7. WHAT'S IN THE BOX

The following items are included with your Sony MEX-N5300BT car receiver:

- ISO Connector
- Trim Ring (Black)

8. WARRANTY AND SUPPORT

This product is covered by a [90-day Limited Hardware Warranty](#). For detailed terms and conditions, please refer to the warranty document. For further support, product registration, or to check for firmware updates, please visit the official Sony support website.