Nesa NSC-113

NESA NSC-113 11 Inch Ceiling Mount Monitor DVD Combo

User Manual

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your NESA NSC-113 11 Inch Ceiling Mount Monitor DVD Combo. Please read this manual thoroughly before using the product to ensure optimal performance and safety. Retain this manual for future reference.

What's in the Box

Upon unpacking, please verify that all the following items are included:

- 11" Ceiling Mount Monitor DVD Combo (with 3-Interchangeable Shrouds: Beige, Gray, Black)
- Full Function Remote Control
- Color Matched Trim Rings for Sculptured Ceilings
- Installation Hardware (screws, brackets, etc. - specific items may vary)
- Wiring Harness

Key Features

The NESA NSC-113 offers a range of features designed for in-vehicle entertainment:

- **11-Inch LCD Display:** Provides clear and vibrant visuals for an immersive viewing experience.
- **Integrated DVD Player:** Supports DVD and CD media playback.
- **450/450 Swivel Screen:** Allows for flexible adjustment of the viewing angle to accommodate various seating positions.
- **SD Card and USB Playback:** Enables playback of digital media files from external storage devices.
- **A/V Input for Auxiliary Sources:** Connect external devices such as gaming consoles or other media players.

- **Rear Panel RCA A/V Input:** Dedicated input for additional auxiliary sources.
- **Triggered Bright White LED Dome Light:** Integrated lighting for convenience, can be wired to vehicle's dome light circuit.
- **Built-in 4-Channel Amplifier:** Enhances audio output for a richer sound experience.

Product Overview



Figure 1: The NESA NSC-113 11 Inch Ceiling Mount Monitor DVD Combo. The unit features a main housing that mounts to the ceiling and a hinged display screen that folds down. The main housing includes control buttons and a disc slot. The screen displays the NESA logo.

Setup and Installation

Proper installation is crucial for the functionality and safety of your NESA NSC-113 unit. It is highly recommended that installation be performed by a qualified professional to ensure correct wiring and secure mounting.

1. Mounting the Unit

1. **Location Selection:** Identify a suitable mounting location on the vehicle's ceiling. Ensure the surface is flat and provides sufficient clearance for the monitor when lowered and swiveled. Consider airbag locations and structural integrity.
2. **Marking and Cutting:** Carefully mark the mounting points and any necessary openings for wiring. Use appropriate tools to cut openings, ensuring clean edges.
3. **Securing the Unit:** Secure the mounting bracket (if applicable) or the unit directly to the vehicle's frame using the provided fasteners. Ensure the unit is firmly attached and does not wobble.

2. Wiring Connections

Connect the power, ground, and accessory wires according to the vehicle's electrical system and the unit's wiring

diagram. Ensure all connections are secure, properly insulated, and routed away from moving parts or heat sources.

- **Yellow Wire (Constant 12V):** Connect to a constant 12V power source (e.g., vehicle battery positive terminal) that is always live.
- **Red Wire (Switched 12V):** Connect to a switched 12V power source (e.g., ignition accessory wire) that turns on and off with the vehicle's ignition.
- **Black Wire (Ground):** Connect to a solid chassis ground point on the vehicle. Ensure a good metal-to-metal contact.
- **RCA A/V Inputs:** Connect external audio/video sources (e.g., game consoles, external media players) to the corresponding RCA input jacks.
- **Dome Light Trigger:** Connect this wire to your vehicle's dome light circuit if you wish for the unit's LED dome light to synchronize with your vehicle's interior lighting.

3. Shroud Installation

Select one of the three interchangeable shrouds (Beige, Gray, or Black) to best match your vehicle's interior. Carefully align and snap the chosen shroud into place around the main unit, ensuring it is securely fitted.

Operation

Powering On/Off

Press the **POWER** button on the unit's front panel or on the remote control to turn the unit on or off. The monitor screen will automatically deploy when powered on and retract when powered off.

DVD Playback

1. **Insert Disc:** Gently insert a DVD or CD disc into the disc slot located on the side of the main unit, with the label side facing up.
2. **Automatic Playback:** The unit will automatically detect the disc and begin playback.
3. **Controls:** Use the remote control or the front panel buttons (Play, Pause, Stop, Skip, Fast Forward, Rewind) to manage playback.

USB and SD Card Playback

1. **Insert Media:** Insert a USB flash drive into the USB port or an SD card into the SD card slot.
2. **Source Selection:** Press the **SOURCE** button on the unit or remote control to select 'USB' or 'SD' as the input source.
3. **File Navigation:** The unit will display a file browser. Navigate through folders and select your desired media files (audio, video, images) using the remote control's directional buttons and 'Enter' key.

Using A/V Inputs

To use external devices:

1. **Connect Device:** Connect your external device (e.g., game console) to the RCA A/V input jacks on the rear panel of the unit.
2. **Select Source:** Press the **SOURCE** button on the remote or unit repeatedly until the corresponding A/V input (e.g., AV1, AV2) is selected.

Screen Swivel Adjustment

The monitor features a 450/450 swivel mechanism. You can manually adjust the screen's horizontal and vertical angle to achieve the optimal viewing position for passengers.

Dome Light Operation

The integrated bright white LED dome light can be controlled via a dedicated button on the unit or remote, or it can be wired to activate automatically with your vehicle's interior dome lights.

Maintenance

Regular maintenance will help prolong the life of your NESA NSC-113 unit and ensure continued optimal performance:

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a specialized screen cleaner. Never use abrasive cleaners, solvents, or harsh chemicals, as these can damage the LCD surface.
- **Cleaning the Unit:** Wipe the exterior of the unit with a soft, dry cloth to remove dust and fingerprints.
- **Disc Slot:** Keep the disc slot free of dust and debris. Avoid inserting damaged, warped, or excessively dirty discs, as this can harm the internal DVD mechanism.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures (very hot or very cold) or direct sunlight for prolonged periods, as this can affect electronic components and the LCD screen.
- **Ventilation:** Ensure that the unit's ventilation openings are not blocked to prevent overheating.

Troubleshooting

If you encounter issues with your NESA NSC-113, refer to the table below for common problems and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No Power / Unit Does Not Turn On	Loose power connection; Blown fuse; Vehicle battery low; Incorrect wiring.	Check all power and ground connections. Inspect and replace any blown fuses in the vehicle's fuse box or the unit's wiring harness. Ensure vehicle battery is adequately charged. Verify wiring against the installation diagram.
No Picture or Sound	Incorrect source selected; Loose A/V cables; Media error (disc, USB, SD); Volume too low.	Verify the correct source is selected (DVD, USB, SD, AV1, AV2). Check all A/V cable connections. Try different media (disc, USB, SD card). Increase the volume level.
Disc Not Playing / Disc Error	Dirty or scratched disc; Incorrect disc format; Disc inserted incorrectly; Regional coding mismatch.	Clean the disc with a soft cloth. Ensure the disc format is supported by the player. Re-insert the disc correctly. Verify the disc's region code matches the player's region.
USB/SD Media Not Recognized	Unsupported file format; Corrupted media; Incompatible storage device.	Ensure media files are in supported formats (e.g., MP3, AVI, JPEG). Try a different USB drive or SD card. Reformat the media if necessary (FAT32 recommended).
Remote Control Not Working	Dead batteries; Obstruction between remote and unit; Remote sensor blocked.	Replace the remote control batteries. Ensure there are no obstructions between the remote and the unit's IR sensor. Clean the remote sensor on the unit.

Specifications

Model:	NSC-113
Screen Size:	11 Inches
Display Type:	LCD
Media Support:	DVD, CD, SD Card, USB
Connectivity:	RCA, Auxiliary, USB
Swivel Screen:	450/450 degrees
Dome Light:	Triggered bright white LED
Product Dimensions:	12.5 x 14 x 2.5 inches
Item Weight:	9 pounds
Manufacturer:	atrend

Warranty and Support

For detailed warranty information, terms, and conditions, please refer to the warranty card included with your NESA NSC-113 product. Keep your original purchase receipt as proof of purchase for any warranty claims.
For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact NESA customer service directly. Contact information can typically be found on the manufacturer's website or on the product packaging.
Manufacturer: atrend

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question