Vordon AC-1101 U

VORDON AC-1101U Nelson Autoradio User Manual
Model: AC-1101 U

1. INTRODUCTION

Thank you for choosing the VORDON AC-1101U Nelson Autoradio. This manual provides detailed instructions for the installation, operation, and maintenance of your new car stereo. Please read this manual thoroughly before using the device to ensure proper function and safety.

2. SAFETY INFORMATION

- Always operate the device safely and responsibly. Distracted driving can lead to accidents.

- Do not attempt to disassemble or modify the unit. This may cause damage and void the warranty.

- Ensure proper wiring and installation to prevent electrical shorts or fire hazards. Consult a professional if unsure.

- Keep the unit away from water and excessive moisture.

- Clean the unit with a soft, dry cloth. Do not use abrasive cleaners.

3. PACKAGE CONTENTS

Please check the package for the following items:

- VORDON AC-1101U Nelson Autoradio Unit

- Mounting Hardware (brackets, screws)

- Wiring Harness (7W cables)

- User Manual (German and English versions)

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel features the main controls and display for operating the autoradio.

Image 1: Front view of the VORDON AC-1101U Nelson Autoradio, showing the central rotary knob, LCD display, USB, AUX, and MicroSD ports, and various control buttons.

1. **Power/Mode (MOD) Button:** Press to turn on/off or switch between audio sources (FM, USB, AUX, MicroSD).

2. **Volume Knob:** Rotate to adjust volume. Press to access menu options.

3. **Mute/Clock (MUTE/CLK) Button:** Press to mute/unmute audio. Hold to display/set clock.

4. **LCD Display:** Shows current time, radio frequency, track information, and other operational data.

5. **USB Port:** Connect USB devices for audio playback and fast charging.

6. **AUX Input (3.5mm):** Connect external audio devices.

7. **MicroSD Card Slot:** Insert MicroSD cards for audio playback.

8. **Preset Buttons (1-6):** Store and recall radio stations. Also function as track navigation/folder selection in media modes.

9. **Band/AMS Button:** Select radio band (FM1, FM2, FM3). Hold for Automatic Memory Store.

10. **Forward/Backward Buttons:** Tune radio frequency, skip tracks, or navigate menus.

11. **RST (Reset) Button:** Press with a pointed object to reset the unit to factory settings.

4.2 Rear Connections

The rear panel provides connections for power, speakers, and antenna.

Image 2: Rear view of the VORDON AC-1101U Nelson Autoradio, showing the wiring harness connector, antenna input, and heat sink.

- **ISO Connector:** Standard connector for power and speaker wiring.
- **Antenna Input:** Connect your car's radio antenna.
- **RCA Audio Output (2x):** For connecting external amplifiers.

5. INSTALLATION

Proper installation is crucial for optimal performance and safety. If you are unsure about any steps, please consult a qualified car audio technician.

5.1 Wiring Diagram

Refer to the wiring diagram provided with your vehicle's manual and the included wiring harness. Typical connections include:

- **Yellow Wire:** Constant 12V (Battery)
- **Red Wire:** Switched 12V (Ignition/ACC)
- **Black Wire:** Ground
- **Blue Wire:** Power Antenna/Amplifier Remote Turn-On
- **Speaker Wires:** Connect to your car's speakers (e.g., White/White-Black for Front Left, Grey/Grey-Black for Front Right, Green/Green-Black for Rear Left, Purple/Purple-Black for Rear Right). Ensure correct polarity.

5.2 Mounting the Unit

1. Remove the existing car stereo from the dashboard.
2. Connect the wiring harness and antenna cable to the rear of the AC-1101U.
3. Slide the mounting sleeve (if included) into the dashboard opening and bend the tabs to secure it.

4. Slide the AC-1101U unit into the mounting sleeve until it clicks into place.

5. Test all functions before reassembling the dashboard trim.

6. BASIC OPERATION

6.1 Power On/Off

- Press the **MOD** button to turn the unit on.

- Press and hold the **MOD** button to turn the unit off.

6.2 Volume Control

- Rotate the **Volume Knob** clockwise to increase volume.

- Rotate the **Volume Knob** counter-clockwise to decrease volume.

6.3 Source Selection

- Press the **MOD** button repeatedly to cycle through available audio sources: FM Radio, USB, AUX, MicroSD.

6.4 Setting the Clock

- Press and hold the **MUTE/CLK** button until the time display flashes.

- Use the **Volume Knob** or **Forward**/**Backward** buttons to adjust the hours.

- Press the **Volume Knob** to switch to minutes adjustment.

- Use the **Volume Knob** or **Forward**/**Backward** buttons to adjust the minutes.

- Press the **Volume Knob** again or wait a few seconds to confirm and exit clock setting mode.

7. AUDIO PLAYBACK

7.1 USB Playback

1. Insert a USB flash drive containing MP3 or FLAC audio files into the USB port.

2. The unit will automatically switch to USB mode and begin playback. If not, press the **MOD** button to select USB source.

3. Use the **Forward**/**Backward** buttons to skip tracks.

4. Use the **Preset Buttons (1-6)** for folder navigation or other playback controls as indicated on the display.

7.2 MicroSD Card Playback

1. Insert a MicroSD card containing MP3 or FLAC audio files into the MicroSD card slot.

2. The unit will automatically switch to MicroSD mode and begin playback. If not, press the **MOD** button to select MicroSD source.

3. Playback controls are similar to USB playback.

7.3 AUX Input

1. Connect an external audio device (e.g., smartphone, MP3 player) to the 3.5mm AUX input using an audio cable.

2. Press the **MOD** button to select the AUX source.

3. Control playback directly from your connected external device.

8. Radio Operation

8.1 Tuning Radio Stations

1. Press the **MOD** button to select FM radio mode.

2. Press the **BAND** button to cycle through FM1, FM2, and FM3 bands.

3. **Manual Tuning:** Briefly press the **Forward**/**Backward** buttons to adjust the frequency step by step.

4. **Automatic Seek:** Press and hold the **Forward**/**Backward** buttons to automatically scan for the next strong station.

8.2 Storing and Recalling Presets

1. **To Store:** Tune to your desired station. Press and hold one of the **Preset Buttons (1-6)** until you hear a beep or see the preset number flash on the display.

2. **To Recall:** Briefly press one of the **Preset Buttons (1-6)** to recall the stored station.

8.3 Automatic Memory Store (AMS)

- In FM mode, press and hold the **BAND**/**AMS** button. The unit will scan and automatically store the strongest stations into the current band's presets.

8.4 Recording Function

The unit features a recording function, allowing you to record up to 18 hours of audio. This feature is typically used to record radio broadcasts onto a connected USB drive or MicroSD card. Refer to the on-screen menu or specific button combinations for activation, usually involving a dedicated record button or a long press of a preset button in radio mode.

9. USB Fast Charging

The USB port on the front panel supports fast charging for compatible devices. Simply connect your smartphone, tablet, or other USB-powered device to the USB port using a suitable cable. The device will begin charging while you drive.

10. Maintenance

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the front panel and display. Do not use liquid cleaners or solvents.

- **Cleaning Ports:** Ensure USB and AUX ports are free of dust and debris. Use compressed air if necessary.

- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.

11. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Loose connection.	Check power and ground connections. Inspect vehicle's fuse box and the unit's fuse. Ensure ignition is on.
No sound	Volume too low; Mute activated; Incorrect speaker wiring; Incorrect source selected.	Increase volume. Press MUTE/CLK button to unmute. Check speaker connections. Select correct audio source.
Radio reception is poor	Antenna not connected; Weak signal; Damaged antenna.	Ensure antenna is securely connected. Try tuning to a stronger station. Check antenna for damage.
USB/MicroSD not playing	Unsupported file format; Corrupted files; Device not recognized; Incorrect source.	Ensure files are MP3 or FLAC. Try a different USB/MicroSD. Reformat the device if necessary. Select USB/MicroSD source.
Unit freezes or malfunctions	Temporary software glitch.	Press the **RST** button with a pointed object to reset the unit.

12. SPECIFICATIONS

Model Number	AC-1101 U
Brand	Vordon
Connectivity Technology	Auxiliary, USB, MicroSD
Compatible Devices	Speaker, Smartphone, Tablet
Color	Black
Item Weight	600 Grams
Output Wattage	200 Watts (4x50W)
Supported Audio Formats	MP3, FLAC, WMA
Recording Function	Up to 18 hours
Display	LCD with red LED button illumination
Dimensions (L*W*D)	21 * 8.5 * 15 cm

13. WARRANTY AND SUPPORT

Vordon products are designed and manufactured to the highest quality standards. For warranty information, please refer to the warranty card included with your product or contact your local Vordon dealer or customer support. Keep your proof of purchase for any warranty claims.

For technical support or further assistance, please visit the official Vordon website or contact their customer service department.