



Installation instructions for part NITO-01

NITO-01 Nissan Maxima 2016-up Amplifier Interface

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)
- Retains the factory backup camera
- Retains the audible parking sensor warning
- Retains the factory AUX-IN jack
- Used in amplified applications
- Adjustable gain control for overall volume
- High level speaker input
- Retains balance
- Micro “B” USB updatable

INTERFACE COMPONENTS

- NITO-01 interface • NITO-01 harness
- 16-pin harness with stripped leads • AX-CAM6V 12-volt to 6-volt converter

TOOLS REQUIRED

- Wire cutter • Crimp tool • Solder gun • Tape • Small flat-blade screwdriver
- Connectors (example: butt-connectors, bell caps, etc.)

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CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.



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Connections to be made

From the 16-pin harness with stripped leads to the aftermarket radio:

- Connect the **Red** wire to the accessory wire.

Note: *If installing an ASWC-1 (sold separately), there will be an accessory wire there to connect as well.*

- Connect the **Blue/White** wire to the amp turn on wire. This wire must be connected to hear sound from the factory amplifier.
- Tape off and disregard the following (13) wires, they will not be used in this application: **Blue/Pink, Blue/White, Brown, Gray, Gray/Black, Green, Green/Black, Green/Purple, Purple, Purple/Black, Light Green, White, White/Black**

From the NITO-01 harness to the aftermarket radio:

- Connect the **Black** wire with a ring terminal to chassis ground.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Green/Purple** wire to the reverse wire.

Note: *Before connecting this wire, also refer to the "AX-CAM6V 12-volt to 6-volt" converter section.*

- Connect the **Light Green** wire to the parking brake wire.
- If retaining the factory AUX-IN jack, connect the **Red & White** RCA jacks to the AUX input.
- If retaining the factory backup camera, connect the **Yellow** RCA jack to the reverse camera input. Please reference "Reverse camera operation" on page 4 if retaining the camera.

AX-CAM6V 12-volt to 6-volt converter:

- Connect the **Black** wire to chassis ground.
- Connect the **Blue/Red** wire to the **Red** wire labeled "Camera Power 6V".
- Connect the **Blue/White** wire to the **Green/Purple** wire.

Note: *The **Green/Purple** wire will connect to both the AX-CAM6V, and the aftermarket radio.*

12-pin pre-wired ASWC-1 harness:

- This harness is to be used along with the optional ASWC-1 (not included) to retain steering wheel audio controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections, and also to the ASWC-1 settings on page 4 of these instructions.

Note: *Disregard the harness that comes with the ASWC-1.*

- Connect the **Red** wire to the accessory wire.



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Installing the NITO-01

With the key in the off position:

- Connect the 16-pin harness with stripped leads, and the NITO-01 harness, into the interface.
- Connect the NITO-01 harness to the wiring harness in the vehicle.

Note: *If using the ASWC-1, connect it after you initialize and test the NITO-01, with the key in the off position.*

Initializing the NITO-01

Attention! *If the interface loses power for any reason, the following steps will need to be performed again. Also, if installing an ASWC-1 connect it after you initialize and test the interface/radio, with the key in the off position.*

- Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on.

Note: *If the radio does not come on within 60 seconds, turn the key to the off position, disconnect the interface, check all connections, reconnect the interface, and then try again.*

- Turn the key to the off position, and then to the accessory position. Test all functions of the installation for proper operation.
- Refer to “Adjusting the NITO-01”, and “Extra Settings” before reassembling the dash.

Adjusting the NITO-01

Audio level adjustment:

- With the vehicle and radio turned on, turn the volume up 3/4 of the way.
- With a small flat-blade screwdriver, adjust the potentiometer clockwise to raise the audio level; counterclockwise to lower the audio level.
- Once at the desired level, audio level adjustment is complete.

Audible parking sensor warning level adjustment:

- Put the vehicles gear selector in reverse and keep your foot firmly on the brake pedal during this entire process.

Note: *Do not activate the emergency brake, this will prohibit the audible parking sensors from working.*

- Have a helper walk near the rear of the vehicle to activate the parking sensors, close enough so that the audible parking sensor warning will produce a constant signal.
- With a small flat-blade screwdriver, adjust the potentiometer clockwise to raise the audible parking sensor warning level; counterclockwise to lower the audible parking sensor warning level.
- Once at the desired level, the audible parking sensor warning level adjustment is complete. Put the vehicles gear selector back into park.



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Extra settings

ASWC-1 (sold separately) settings

- The ASWC-1 will auto-detect with no required action from the buttons.
- In order for the ASWC-1 to function, the key must be cycled after it has been programmed.
- To change the source on the aftermarket radio, press the SOURCE button on the steering wheel, and then press the OK button on the steering wheel.
- The SOURCE button will not function while in certain vehicle screens. If the SOURCE button doesn't function, press one of the arrow buttons on the steering wheel to bypass the non-functioning screen. **Example:** While in an accessory screen, the vehicle screen will display "press brake to start car". The SOURCE button will not function while in this screen.

Reverse camera operation

- While the vehicle in reverse, the backup camera and 360-view will both be displayed on the radio screen. This is generated by the vehicle itself; a separate factory module controls the view.
- While in reverse, pressing the PTT (push-to-talk) button on the steering wheel will switch the 360-view to the passenger-side-view. Pressing the PTT button again will switch back to the 360-view. This replicates how the factory functions.

Note: *There was a CAMERA button in the factory radio that activated the passenger-side-view camera. This feature will no longer be retained.*

Setting the time

- With the vehicle running, turn the radio off.
- Press and hold the PTT (push-to-talk) button on the steering wheel for 10 seconds, and then release.
- The VOLUME-UP and VOLUME-DOWN buttons on the steering wheel will change the hours.
- The SEEK-UP and SEEK-DOWN buttons on the steering wheel will change the minutes.
- Pressing the PTT button will exit this process.

Note: *If 10 seconds elapses with no activity, this process will time out.*

IMPORTANT

If you are having difficulties with the installation of this product, please call our Tech Support line. Before doing so, look over the instructions a second time, and make sure the installation was performed exactly as the instructions are stated. Please have the vehicle apart and ready to perform troubleshooting steps before calling.