

NVX XTRI1

NVX XTRI1 Remote Turn On Module/Trigger User Manual

Model: XTRI1 | Brand: NVX

1. INTRODUCTION

The NVX XTRI1 is a remote turn-on module designed to provide a delayed turn-on signal for car audio amplifiers and other accessories. It is activated by a low-level trigger lead and features a built-in delay to help prevent turn-on noise, commonly known as 'amp thump'. This module ensures a smooth power-up sequence for your audio system components.

2. PRODUCT FEATURES

- Remote Turn-On Module: Provides a reliable remote signal for connected devices.
- Activated By Low Level Trigger Lead: Responds to standard low-level trigger signals.
- 2 Second Delay: Incorporates a two-second delay to prevent turn-on noise and protect speakers.
- Supplies 2 Amps Of Current: Capable of powering multiple amplifiers or a power antenna.
- Can Drive Multiple Amps Or A Power Antenna: Versatile for various car audio setups.

3. SAFETY INFORMATION

- Always disconnect the vehicle's battery negative terminal before beginning any electrical installation.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Consult a professional car audio installer if you are unsure about any part of the installation process.
- Do not expose the module to excessive moisture or extreme temperatures.
- This product is designed for 12V DC automotive electrical systems only.

4. PACKAGE CONTENTS

- 1x NVX XTRI1 Remote Turn On Module/Trigger

5. SETUP AND INSTALLATION

The NVX XTRI1 module is designed for straightforward integration into your car audio system. Follow these steps for proper installation:

Wiring Diagram

The XTRI1 typically features three wires for connection:

- **Red Wire:** Connect to a constant 12V power source (e.g., directly to the battery or a fused 12V line).
- **Black Wire:** Connect to a reliable chassis ground point.
- **Blue Wire:** This is the output remote turn-on signal. Connect this wire to the remote input terminal of your amplifier(s) or other accessories requiring a turn-on signal.

The module receives its activation signal through the same 12V power input (Red wire) when the vehicle's ignition or head unit provides power. The XTRI1 then processes this signal and outputs a delayed 12V signal through the Blue wire.



An image of the NVX XTRI1 Remote Turn On Module/Trigger. It is a black rectangular module with the NVX logo and model XTRI1 printed on it, featuring a small green LED indicator and three colored wires (red, blue, black) extending from one side. This illustrates the compact design and wiring connections.

6. OPERATING INSTRUCTIONS

Once properly installed, the NVX XTRI1 operates automatically. When your vehicle's ignition is turned on, or your head unit sends a 12V remote signal to the module's input, the XTRI1 will activate. After a brief 2-second delay, it will then send a 12V remote turn-on signal to your connected amplifiers or accessories. This delay ensures that your audio components power on after the initial electrical surge, minimizing any audible 'thump' or 'pop' sounds through your speakers.

7. MAINTENANCE

The NVX XTRI1 is designed for maintenance-free operation. To ensure longevity and optimal performance:

- Periodically inspect all wiring connections to ensure they remain secure and free from corrosion.
- Keep the module free from dust and debris. A soft, dry cloth can be used for cleaning.
- Ensure the module is mounted in a location that is not exposed to direct sunlight, extreme heat, or moisture.

8. TROUBLESHOOTING

If you encounter issues with your NVX XTRI1 module, refer to the following troubleshooting guide:

- **No Turn-On Signal to Amplifier:**
 - Check the 12V power connection (Red wire) to ensure it has constant power.
 - Verify the ground connection (Black wire) is secure and making good contact with the chassis.
 - Confirm that the head unit or ignition is providing a turn-on signal to the XTRI1's input.
 - Inspect the blue output wire for continuity and proper connection to the amplifier's remote input.
- **No Delay or Immediate Turn-On:**
 - The XTRI1 is designed to provide a 2-second delay. If the delay is not observed, ensure the module is receiving a stable 12V input. Some users have reported that the delay function may be sensitive to specific voltage characteristics, and in some 12V car environments, the delay might not be as pronounced as expected.
 - Verify the module is correctly wired and not bypassed.
- **Amplifier Still Produces 'Pop' Sound:**
 - While the XTRI1 is designed to reduce turn-on noise, some systems may still exhibit a slight pop. Ensure all audio components (head unit, line output converters, amplifiers) are properly grounded.
 - Check for ground loops in the audio system.
 - Ensure the amplifier's gain settings are not excessively high.
- **Module Not Functioning:**
 - Check for any visible damage to the module or its wiring.
 - Test the input and output voltages with a multimeter to confirm power delivery and signal output.

9. SPECIFICATIONS

Specification	Value
Model	XTRI1
Brand	NVX
Item Dimensions (L x W x H)	7.64 x 3.39 x 1.57 inches
Mounting Type	Freestanding
Output Current	2 Amps
Output Power	24 Watts (at 12V)
Number of Channels	2 (Refers to output capability, not audio channels)

Specification	Value
Specification Met	FCC
UPC / GTIN	818060010675

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your NVX XTRI1 module, please refer to the documentation provided at the time of purchase or contact NVX customer service directly. You may also visit the official NVX website for additional resources and contact details.

For further assistance, please visit the [NVX Store on Amazon](#).