



Manuals.plus /

- › Xtenzi /
- › Xtenzi XT91071 Car Radio Wire Harness Instruction Manual

Xtenzi XT91071

Xtenzi XT91071 Car Radio Wire Harness Instruction Manual

Compatible with Select Boss CD DVD Navigation In-Dash Units

1. INTRODUCTION

The Xtenzi XT91071 is a replacement wire harness designed for installing or connecting to aftermarket car stereos, specifically compatible with select Boss CD DVD Navigation in-dash units. This harness is ideal for situations where the original harness is damaged or lost, providing a direct connection solution.

It features a New SQR Molex Type D plug style with 6-inch long leads and is EIA color-coded for straightforward installation. The harness includes wires for speaker connections, power (ignition/accessory, memory/battery, ground), and auxiliary functions (antenna power, vehicle illumination, amplifier remote, phone mute).

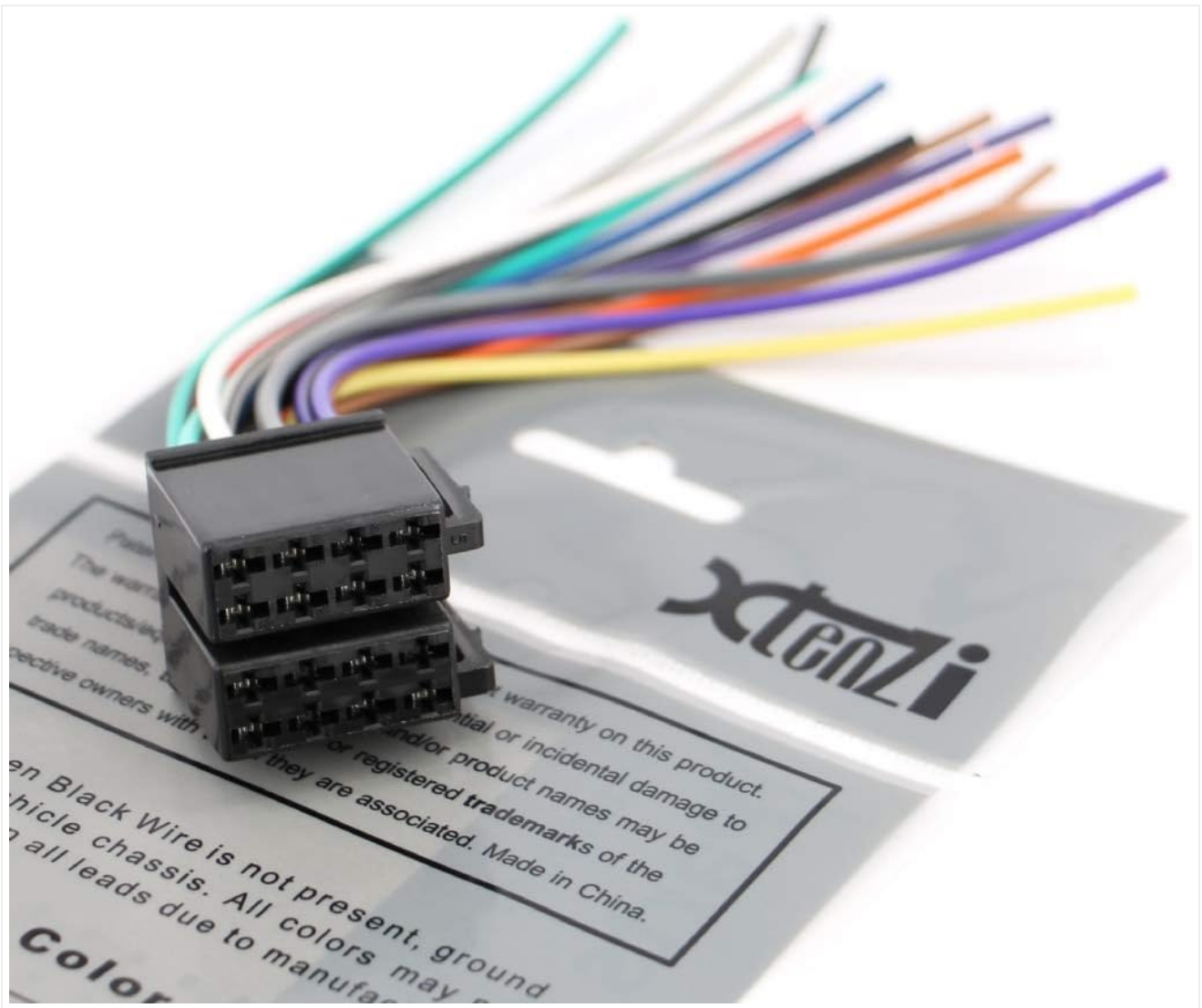


Image 1: The Xtenzi XT91071 Car Radio Wire Harness, showing the Molex Type D connector and individual color-coded wires.

2. PRODUCT COMPATIBILITY

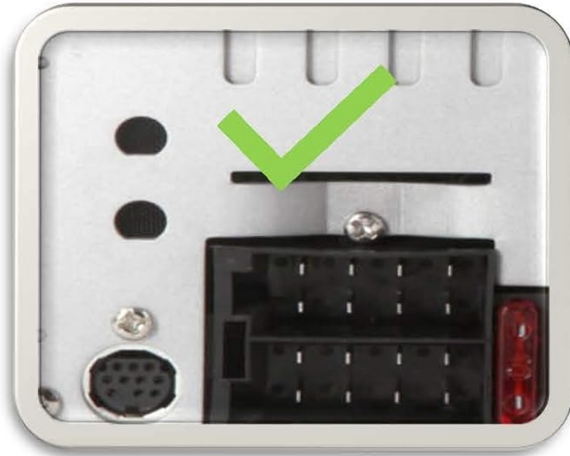
This Xtenzi XT91071 wire harness is compatible with select Boss Car Audio Systems models that utilize a 16-pin connector. It is specifically designed for the New SQR Molex Type D plug style.

Compatible Models include:

- BV9974B, BV9999BI, BV8975B, BV9964B, BV9982, BV9974, BV9560, BV9962, BV9958, BV9955, BV8960, BV8728B, BV7945, BV7325, BV7320

Important Note: Always verify the plug shape and pin configuration of your car stereo unit against the harness before purchasing and installation. Some wire functions may differ, so consult your radio's installation guide.

Will work with Following Plug shape and pins (ISO 8+8 Full pin)



Does not work with Following Plug shape and pins (16 pin/20pin)

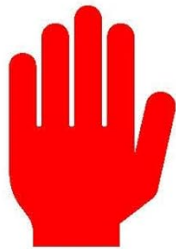


Image 2: Diagram illustrating compatible (ISO 8+8 Full pin) and incompatible (16 pin/20 pin) plug shapes for the wire harness.

3. INSTALLATION GUIDE

Installation of the Xtenzi XT91071 wire harness involves connecting the harness wires to your vehicle's wiring system. It is recommended to consult a professional installer if you are unsure about any steps.

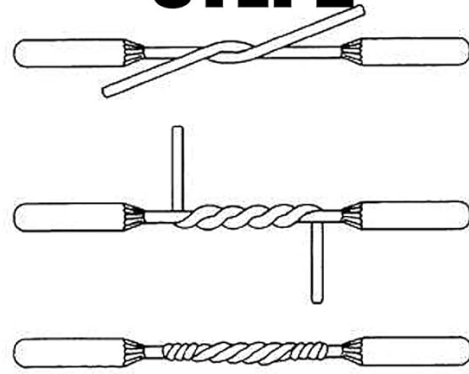
3.1. General Wiring Steps

1. **Prepare Wires:** Identify the corresponding wires from your vehicle's wiring harness and the Xtenzi harness. The Xtenzi harness wires are pre-stripped for convenience.
2. **Connect Wires:** Carefully twist the ends of matching wires together. Ensure a secure mechanical connection.
3. **Solder (Recommended):** For a more reliable and durable connection, solder the twisted wire ends.
4. **Insulate Connections:** Individually insulate each soldered connection using electrical tape or heat-shrink tubing to prevent short circuits.
5. **Secure Harness:** Once all connections are made and insulated, secure the harness to prevent movement and strain on the connections.

STEP1



STEP2



STEP3



STEP4



FINAL STEP



*All Pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

Image 3: Visual guide demonstrating the steps for preparing, twisting, and insulating wire connections.

3.2. Recommended Stripping Method

The Xtenzi harness wires are pre-stripped. When connecting to your vehicle's wires, it is advised against using butt connectors or soldering methods that create bulky connections, as this can lead to lack of space behind the radio and potential wire disconnections during reinstallation.

Ensure that any unused or unconnected wires have their ends terminated with an insulated terminal or electrical tape. This prevents shorting and potential electrical failures.



Recommended Stripping Method

Its not advised/recommended to use the BUT connectors and soldering method behind the radio wire harness install due to lack of space and moving area and chance of wire comes out during reinstall.

CORRECT FINAL FORM OF STRIPPED WIRE





















In the event that there are unused or unconnected wires, they will need to have their ends terminated with an insulated terminal or electrical tape. Doing so will prevent the wires from shorting and causing harness failure or fire.

Image 4: Illustration of recommended wire stripping and connection methods, emphasizing proper insulation for unused wires.

4. WIRING DIAGRAM (EIA COLOR CODE)

The Xtenzi XT91071 wire harness adheres to the Electronic Industries Association (EIA) color coding standards. This standardization helps in identifying the function of each wire. Always cross-reference with your car stereo's specific wiring diagram, as some manufacturers may use slightly different color assignments.

XTENZI E.I.A COLOR CODE

Yellow		12V Battery : Constant (+)
Red		12V Ignition : Switched (+)
Black		Chassis Ground (-)
Black / White		Factory Amplifier Ground
Blue		Antenna Power (when tuner is on)
Blue / White		Amplifier Turn-On
Orange		Dash Illumination 12V
Orange / White		Dash Light Dimmer 1V - 12V
Orange / Black		Dimmer Ground (neg. trigger circuits)
Brown		Phone Mute
White		Left Front Speaker (+)
White / Black		Left Front Speaker (-)
Gray		Right Front Speaker (+)
Gray / Black		Right Front Speaker (-)
Green		Left Rear Speaker (+)
Green / Black		Left Rear Speaker (-)
Purple		Right Rear Speaker (+)
Purple / Black		Right Rear Speaker (-)

The color codes used on aftermarket car stereo connector harness's conform to the E.I.A (Electronics Industry Association) standards. These colors often differ from the wiring colors used by vehicle manufacturers. Always refer to your stereo owner's manual for specific wiring details before making any connections.

Image 5: Detailed visual diagram of the Xtenzi EIA color code, showing each wire color and its corresponding function.

EIA Color Code for Xtenzi XT91071 Wire Harness

Wire Color	Function
Yellow	12V Battery: Constant (+)
Red	12V Ignition: Switched (+)
Black	Chassis Ground (-)
Black / White	Factory Amplifier Ground
Blue	Antenna Power (when tuner is on)
Blue / White	Amplifier Turn-On
Orange	Dash Illumination 12V
Orange / White	Dash Light Dimmer 1V – 12V
Orange / Black	Dimmer Ground (neg. trigger circuits)
Brown	Phone Mute
White	Left Front Speaker (+)
White / Black	Left Front Speaker (-)
Gray	Right Front Speaker (+)
Gray / Black	Right Front Speaker (-)
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Purple	Right Rear Speaker (+)
Purple / Black	Right Rear Speaker (-)

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5. OPERATING PRINCIPLES

The Xtenzi XT91071 wire harness serves as an adapter to connect your aftermarket Boss car stereo to your vehicle's electrical system. Once correctly installed, it facilitates the transmission of power, ground, and audio signals to and from the stereo unit. There are no operational controls on the harness itself; its function is purely connective.

Ensure all connections are secure and properly insulated to guarantee stable operation of your car stereo and prevent electrical issues.

6. MAINTENANCE

The Xtenzi XT91071 wire harness requires minimal maintenance once installed correctly. Periodically, if you access the area behind your car stereo, inspect the connections for any signs of wear, corrosion, or loose wiring. Ensure that all insulated connections remain intact.

- Keep the harness free from excessive moisture and extreme temperatures.
- Avoid pulling or straining the wires, especially at the connection points.
- If any wire insulation appears damaged, re-insulate immediately with high-quality electrical tape or heat-shrink tubing.

7. TROUBLESHOOTING

If your car stereo is not functioning correctly after installing the Xtenzi XT91071 wire harness, consider the following troubleshooting steps:

- **No Power to Stereo:**

- Check the Yellow (Constant 12V) and Red (Switched 12V) wire connections. Ensure they are receiving power.
- Verify the Black (Chassis Ground) wire is securely connected to a good ground point.
- Check vehicle fuses related to the car stereo.

- **No Sound from Speakers:**

- Ensure all speaker wires (White, Gray, Green, Purple and their black-striped counterparts) are correctly connected to the corresponding speaker terminals and are not shorted.
- Verify the amplifier turn-on wire (Blue/White) is connected if an external amplifier is used.
- Check the stereo's balance and fader settings.

- **Intermittent Functionality:**

- Inspect all wire connections for looseness or poor insulation.
- Ensure no wires are pinched or damaged behind the dashboard.

- **Incorrect Function (e.g., no illumination, phone mute not working):**

- Refer to the EIA Color Code table (Section 4) and verify the specific auxiliary wire connections (Orange, Orange/White, Orange/Black, Brown).

If issues persist, it is recommended to consult a professional car audio technician.

8. SPECIFICATIONS

Feature	Detail
Brand	Xtenzi
Model Number	XT91071
Connector Type	Molex Type D (16 Pin)
Wire Gauge	18 gauge
Lead Length	6 inches
Material	Plastic (connector), Copper (wires)
EIA Color Coded	Yes
UPC	030699002061

9. WARRANTY AND SUPPORT

Specific warranty details for the Xtenzi XT91071 wire harness are not provided in this manual. For warranty inquiries or technical support, please contact Xtenzi directly or refer to the retailer where the product was purchased.

It is recommended to retain your proof of purchase for any warranty claims.

Manufacturer: Xtenzi

For further assistance, visit the Xtenzi Store on Amazon.