

Blitz 10501

BLITZ 10501 TV Jumper DV-S TSBL-03 Instruction Manual

Model: 10501

1. INTRODUCTION

The BLITZ 10501 TV Jumper DV-S TSBL-03 is designed to enable passengers to view television and other video content on the vehicle's display while the vehicle is in motion. This device integrates with compatible Toyota and Lexus vehicle navigation systems, allowing for enhanced entertainment options for occupants. It features a one-touch switch for easy toggling between normal and TV modes.

This manual provides essential information regarding the installation, operation, and maintenance of your BLITZ TV Jumper. Please read it thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **Driver Responsibility:** It is strictly prohibited for the driver to view the screen while the vehicle is in motion. This product is intended for passenger use only. Driver distraction can lead to serious accidents.
- **Professional Installation Recommended:** Installation involves working with vehicle electronics. If you are not confident in your ability to perform the installation safely, seek assistance from a qualified professional.
- **Vehicle Compatibility:** Ensure this product is compatible with your specific vehicle model and navigation system. Refer to the manufacturer's compatibility chart for verification.
- **Power Disconnection:** Always disconnect the vehicle's battery before beginning any electrical installation to prevent short circuits or damage.
- **Wiring:** Ensure all connections are secure and properly insulated to prevent electrical hazards.
- **Local Laws:** Adhere to all local laws and regulations regarding in-car video displays.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Main Unit (TV Jumper module)
- One-Touch Switch
- Vehicle-Specific Harness
- Instruction Manual (this document)

Note: Accessories may vary slightly depending on the specific product batch or vehicle application.



Figure 3.1: Contents of the BLITZ 10501 TV Jumper package. Shown are the main TV Jumper module, the wiring harness with multiple connectors, and the separate one-touch switch with its cable.

4. INSTALLATION (SETUP)

The BLITZ TV Jumper is designed for a coupler-on installation for most compatible models, simplifying the process. However, some models may require additional steps. Always refer to the vehicle-specific compatibility chart and detailed wiring diagrams if provided.

4.1. Pre-Installation Steps

1. **Verify Compatibility:** Confirm that the BLITZ 10501 is compatible with your vehicle's make, model, year, and navigation system.
2. **Gather Tools:** You may need basic automotive tools such as trim removal tools, screwdrivers, and possibly a multimeter.
3. **Disconnect Battery:** For safety, disconnect the negative terminal of your vehicle's battery before proceeding with any electrical connections.
4. **Access Navigation Unit:** Carefully remove the necessary trim panels and components to gain access to the rear of your vehicle's navigation or head unit.

4.2. Connecting the TV Jumper

1. **Locate Connectors:** Identify the main harness connectors on the back of your navigation unit that correspond to the BLITZ TV Jumper harness.
2. **Connect Harness:** Disconnect the original vehicle harness from the navigation unit. Connect the BLITZ TV Jumper harness in-line, ensuring that one end connects to the navigation unit and the other end connects to the vehicle's original harness. The connections are typically "coupler-on" (plug-and-play).
3. **Connect Main Unit:** Plug the vehicle-specific harness into the BLITZ TV Jumper main module.
4. **Connect Switch:** Connect the one-touch switch cable to the designated port on the BLITZ TV Jumper main module.
5. **Secure Components:** Secure the BLITZ TV Jumper module and excess wiring in a safe location behind the dashboard, ensuring they do not interfere with moving parts or vehicle operation.
6. **Route Switch:** Route the one-touch switch to an accessible location for the passenger, ensuring the cable does not obstruct controls or airbags.

4.3. Post-Installation Steps

1. **Reconnect Battery:** Reconnect the negative terminal of your vehicle's battery.
2. **Test Functionality:** Turn on the vehicle's ignition and test the TV Jumper's operation as described in the "Operation" section.
3. **Reassemble:** Once functionality is confirmed, carefully reassemble all removed trim panels and components.

5. OPERATION

The BLITZ TV Jumper activates its function by pressing the one-touch switch after the engine has started. This allows passengers to view TV or other video sources while the vehicle is in motion.

5.1. Enabling TV Viewing

1. **Start Engine:** Ensure the vehicle's engine is running.
2. **Press Switch:** Press the one-touch switch. The device will activate, enabling TV viewing for passengers.
3. **Verify Display:** Confirm that the video content is now visible on the vehicle's display.

5.2. Returning to Normal Mode

To return to the vehicle's standard navigation or display mode (where video is restricted while driving), simply press the one-touch switch again. This will deactivate the TV Jumper's function.

5.3. Navigation Functionality

For some vehicles, the BLITZ TV Jumper also allows for navigation input while the TV viewing function is active. Refer to your vehicle's specific compatibility information for details on this feature.

Note: If you desire automatic activation of the TV viewing function upon engine start, consider the "FULL AUTO" model (if available) as this product requires manual activation via the switch.

6. MAINTENANCE

The BLITZ 10501 TV Jumper is designed to be maintenance-free. No user-serviceable parts are inside the main module. To ensure longevity and proper function:

- Keep the module and wiring free from excessive moisture and extreme temperatures.
- Ensure all connections remain secure and free from corrosion.
- Avoid physical damage to the module, harness, and switch.

7. TROUBLESHOOTING

If you encounter issues with your BLITZ TV Jumper, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
TV/Video does not display while driving after pressing the switch.	Incorrect installation. Loose connections. Incompatible vehicle/navigation system. Switch not functioning.	Review installation steps carefully, ensuring all couplers are fully seated. Check all harness connections for tightness. Verify vehicle and navigation compatibility with the manufacturer's chart. Ensure the switch cable is properly connected to the main unit.
Navigation functions are impaired or incorrect.	Incorrect installation. Specific vehicle model limitations.	Ensure the harness is correctly installed and not interfering with other vehicle systems. Consult the compatibility chart; some navigation systems may have limited functionality with TV Jumper devices.
No power to the unit.	Vehicle battery disconnected or fuse blown. Loose power connection in the harness.	Check vehicle battery connection and relevant fuses. Inspect the harness for any damaged or improperly connected power wires.

If the problem persists after attempting these solutions, contact BLITZ customer support or consult a qualified automotive technician.

8. SPECIFICATIONS

Feature	Detail
Model Number	10501
Product Type	TV Jumper / Navigation Unlock Module
Compatibility	Specific Toyota and Lexus vehicles (refer to compatibility chart)
Control Method	One-touch switch

Feature	Detail
Installation Type	Coupler-on (plug-and-play for most models)
Package Dimensions	30 x 20 x 5 cm
Item Weight	500 g
Other Display Features	Wireless (refers to general display capabilities, not the Jumper itself)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official BLITZ website. Keep your proof of purchase for any warranty claims.

For technical support or further assistance, please contact BLITZ customer service through their official channels. When contacting support, please have your product model number (10501) and vehicle details ready.

BLITZ Official Website: www.blitz.co.jp