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› [iSimple TranzIt BLU HF \(ISFM2351\) Bluetooth Hands-Free Calling and Music Streaming Kit User Manual](#)

iSimple ISFM2351

iSimple TranzIt BLU HF (ISFM2351)

BLUETOOTH HANDS-FREE CALLING AND MUSIC STREAMING KIT USER MANUAL

1. INTRODUCTION

1.1 Product Overview

The iSimple TranzIt BLU HF (ISFM2351) is a Bluetooth hands-free calling and audio streaming kit designed to integrate your smartphone with your vehicle's sound system. This device allows you to play audio from your smartphone and manage calls through your car's speakers. It features a low-profile, dash-mountable control button for convenient operation of music streaming, call answering, and voice recognition functions.

1.2 Key Features

- Adds Bluetooth functionality to any vehicle equipped with an FM radio.
- Streams music from iPhone or Android smartphones through the vehicle's sound system.
- Designed for behind-the-dash installation.
- Includes a low-profile dash-mountable button for controlling music, answering calls, and activating voice recognition.
- Features a 3.5mm audio output for connecting to the vehicle's auxiliary audio input, ensuring optimal sound quality.
- Utilizes standard Motorola-style antenna connections for installation into radios with standard FM antenna connectors, including 12-volt amplified antenna systems.

1.3 Safety Information

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, please refer to official safety guidelines.

2. PACKAGE CONTENTS

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

- TranzIt BLU HF Main Unit (ISFM2351)
- Control Button with Cable

- External Microphone with Cable
- Power/Ground Wiring Harness
- Antenna Input/Output Cables
- User Manual



Figure 2.1: All components included in the iSimple TranzIt BLU HF kit.

3. SETUP AND INSTALLATION

Professional installation is recommended for the iSimple TranzIt BLU HF kit due to the need for behind-the-dash wiring and connections to your vehicle's electrical and audio systems. Incorrect installation can damage your vehicle or the device.

3.1 General Installation Guidelines

- Ensure the vehicle's battery is disconnected before beginning installation.
- Identify a suitable location behind the dashboard for the main unit, ensuring it is secure and away from heat sources or moving parts.
- Route all cables carefully to avoid interference with vehicle controls or moving components.
- Vehicles with non-standard antenna connectors may require additional antenna adapters (sold separately).



Figure 3.1: General installation diagram showing component placement and connections within a vehicle dashboard.

3.2 Component Identification



Figure 3.2: Close-up view of the TranzIt BLU HF main unit, showing its compact design and connection ports.

3.3 Wiring Connections

Connect the power and ground wires from the included harness to appropriate switched 12-volt power and chassis ground points in your vehicle. Ensure secure connections to prevent electrical issues.

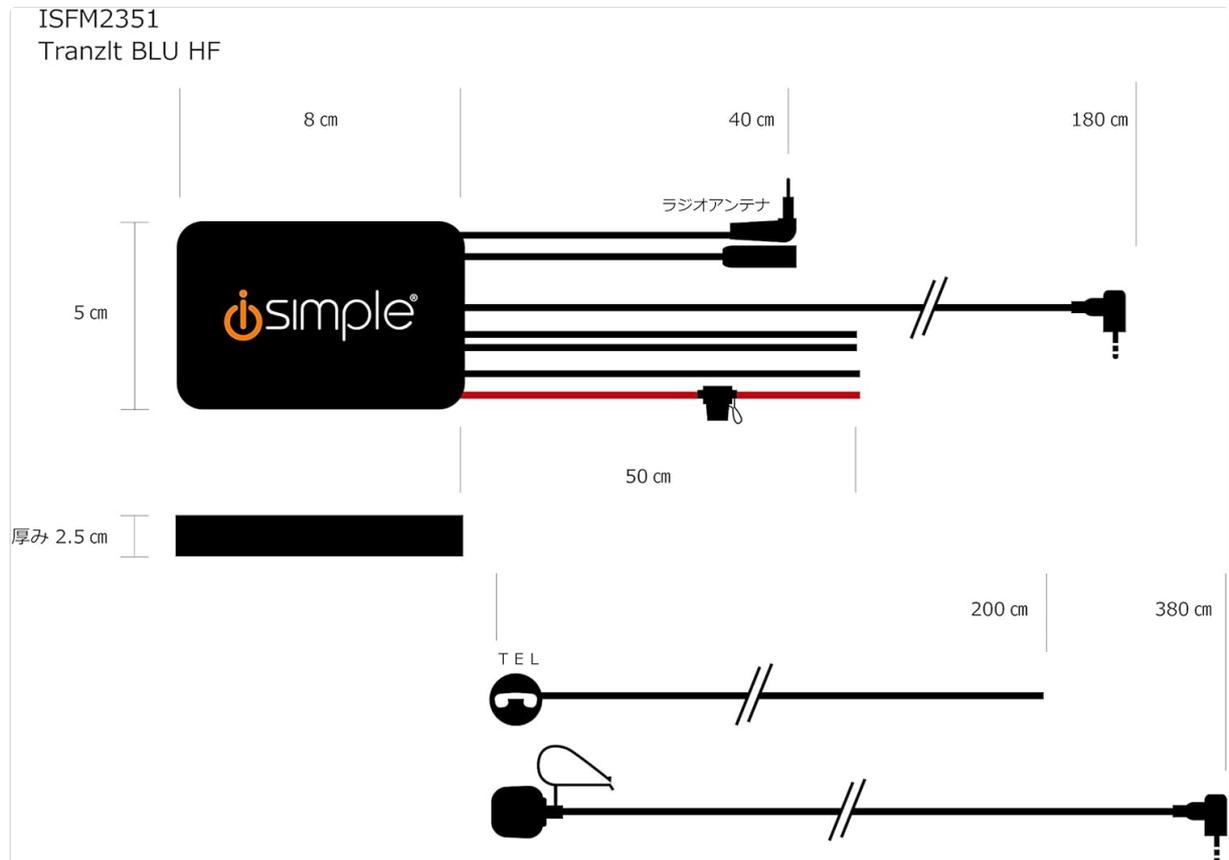


Figure 3.3: Detailed wiring diagram for the TranzIt BLU HF, including component dimensions and cable lengths.

3.4 Antenna Connections

The TranzIt BLU HF connects inline with your vehicle's FM antenna. Disconnect the vehicle's antenna from the radio and connect it to the TranzIt BLU HF's antenna input. Then, connect the TranzIt BLU HF's antenna output to your radio's antenna input. This setup allows the device to interrupt the FM signal for Bluetooth audio.



Figure 3.4: Close-up of the standard Motorola-style antenna connector used for inline installation.

3.5 Control Button Placement

Mount the control button in a convenient, easily accessible location on your dashboard. Ensure it does not obstruct driving visibility or interfere with airbags. The button is designed to be low-profile and can be integrated discreetly.

3.6 Microphone Placement

Position the external microphone in a location that provides clear audio pickup for hands-free calling, such as near the sun visor or on the A-pillar. Route the microphone cable discreetly to the main unit.



Figure 3.5: The external microphone with its 3.5mm jack, designed for clear voice capture.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

The TranzIt BLU HF powers on automatically with your vehicle's ignition if wired to a switched power source. It will power off when the ignition is turned off.

4.2 Bluetooth Pairing

1. Ensure your smartphone's Bluetooth is enabled.
2. Turn on your vehicle's ignition to power on the TranzIt BLU HF.
3. On your smartphone, search for available Bluetooth devices.
4. Select "TranzIt BLU HF" from the list to pair. A confirmation tone or message may indicate successful pairing.
5. Once paired, your phone should automatically connect to the TranzIt BLU HF when the device is powered on and within range.

4.3 Music Streaming

After successful Bluetooth pairing, open your preferred music or audio streaming application on your smartphone. Audio will be routed through the TranzIt BLU HF to your vehicle's sound system. Use the control button for basic playback functions:

- **Press once:** Play/Pause music.
- **Press twice:** Skip to the next track.
- **Press three times:** Go to the previous track.

4.4 Hands-Free Calling

When a call is received, the audio will automatically switch from music streaming to the call. Use the control button to manage calls:

- **Press once:** Answer an incoming call.

- **Press and hold:** End an active call or reject an incoming call.

Your voice will be picked up by the external microphone, and the caller's voice will be heard through your vehicle's speakers.

4.5 Voice Recognition

The control button can also activate your smartphone's voice recognition features (e.g., Siri, Google Assistant).

- **Press and hold (for approximately 2 seconds):** Activate your phone's voice assistant.

5. MAINTENANCE

5.1 Cleaning

To clean the exterior of the TranzIt BLU HF main unit, control button, and microphone, use a soft, dry cloth. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish or internal components.

5.2 General Care

- Ensure all connections remain secure after installation.
- Avoid exposing the device to extreme temperatures or moisture.
- Do not attempt to open or modify the main unit, as this will void the warranty and could cause damage.

6. TROUBLESHOOTING

If you encounter issues with your TranzIt BLU HF, refer to the following common troubleshooting steps:

- **No Power:** Check all power and ground connections. Ensure the vehicle's ignition is on if wired to a switched power source.
- **Cannot Pair Bluetooth:** Ensure the TranzIt BLU HF is powered on and your phone's Bluetooth is enabled and in pairing mode. Try restarting both your phone and the vehicle's ignition. Ensure no other devices are actively connected to the TranzIt BLU HF.
- **No Audio Output:** Verify that your car radio is tuned to the correct FM frequency (if using FM transmission) or that the 3.5mm AUX input is selected on your radio (if using direct AUX connection). Check all audio cable connections. Ensure your phone's volume is turned up.
- **Audio Interference (FM Mode):** If experiencing static or interference, try changing the FM frequency on the TranzIt BLU HF (refer to specific instructions for frequency adjustment, often via a companion app or internal switches, though the app functionality has been noted to be inconsistent). Ensure the antenna connections are secure.
- **Low Audio Volume:** Adjust the volume on both your smartphone and your car radio. Some users report needing to maximize phone volume for optimal output.
- **Microphone Not Working:** Ensure the microphone is securely plugged into the main unit and positioned correctly for clear voice pickup.

7. SPECIFICATIONS

Feature	Detail
Model Number	ISFM2351
Product Dimensions	4 x 2 x 1 inches
Item Weight	9.6 ounces
Connectivity Technology	FM, Bluetooth
Special Features	Bluetooth integration for vehicles, low-profile control button
Human Interface Input	Buttons
Audio Jack	3.5mm Jack
Color	Black
Material	Plastic or Rubber
Power Source	Battery Powered (via vehicle's 12V system)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please contact iSimple customer service:

- **Website:** www.iSimpleSolutions.com
- **Phone:** 866-788-4237
- **Email:** support@isimplesolutions.com

Please have your product model number (ISFM2351) and purchase details ready when contacting support.
