

Tbest Tbestu0d9aq8vf3

Tbest Motorcycle Two-Way Alarm System User Manual

Model: Tbestu0d9aq8vf3

1. PRODUCT OVERVIEW

The Tbest Motorcycle Two-Way Alarm System is designed to provide advanced security and convenience for your motorcycle. This system features a bidirectional communication system, allowing the remote control to alert you with vibration and sound when the main alarm is triggered. It integrates multiple functions including remote start, engine turn-off, double flash, vehicle search, and adjustable sensitivity settings. The system's primary purpose is anti-theft and anti-robbery protection, helping to safeguard your motorcycle from unauthorized access. The remote control is equipped with an LCD display for long-distance control and ease of use.

Key Features:

- **Bidirectional System:** Remote control vibrates and sounds an alarm when the main unit is triggered, ensuring timely alerts.
- **Multi-Functionality:** Includes remote control start, engine turn-off, double flash, vehicle search, and sensitivity adjustment.
- **Anti-Theft & Anti-Robbery:** Professionally designed to deter thieves and protect your motorcycle.
- **Mute Mode:** Both the host unit and remote control feature a mute mode to prevent unnecessary noise.
- **LCD Remote Control:** Provides long-distance control and displays system status.

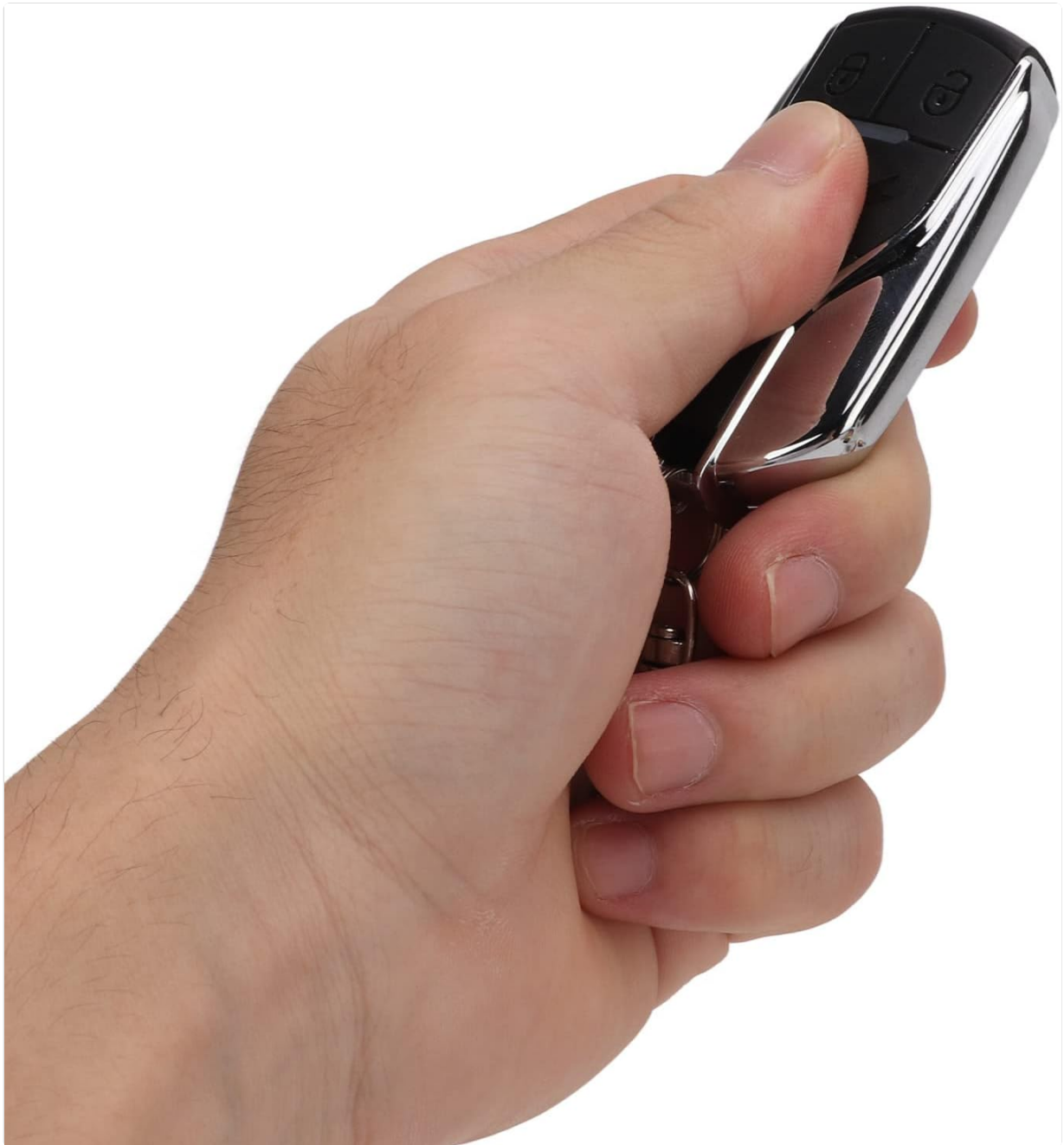


Figure 1.1: Complete Tbest Motorcycle Two-Way Alarm System components.

2. SETUP AND INSTALLATION

Careful installation is crucial for the proper functioning of your Tbest Motorcycle Two-Way Alarm System. It is recommended that installation be performed by a qualified technician.

2.1 Package Contents:

- 1 x Host Unit
- 1 x Speaker (Siren)
- 2 x Remote Keys (one 4-button, one 5-button)
- 1 x User Manual
- 1 x Gasket
- 1 x Wiring Harness

2.2 Wiring Diagram and Notes:

Refer to the wiring diagram below for correct connections. Pay close attention to the specific requirements for your motorcycle's ignition system.



Figure 2.1: Wiring Diagram for the Alarm System.

- This wiring method is primarily for AC ignition (short-circuit flameout) and starting models.
- For negative start or DC ignition models, special wiring is required.
- DC ignition models typically have an electric door lock with only two wires.
- Ensure the two terminals of the start relay coil in negative start models receive approximately 12V when the electric door lock is open and the ignition button is not pressed.

2.3 Component Identification:

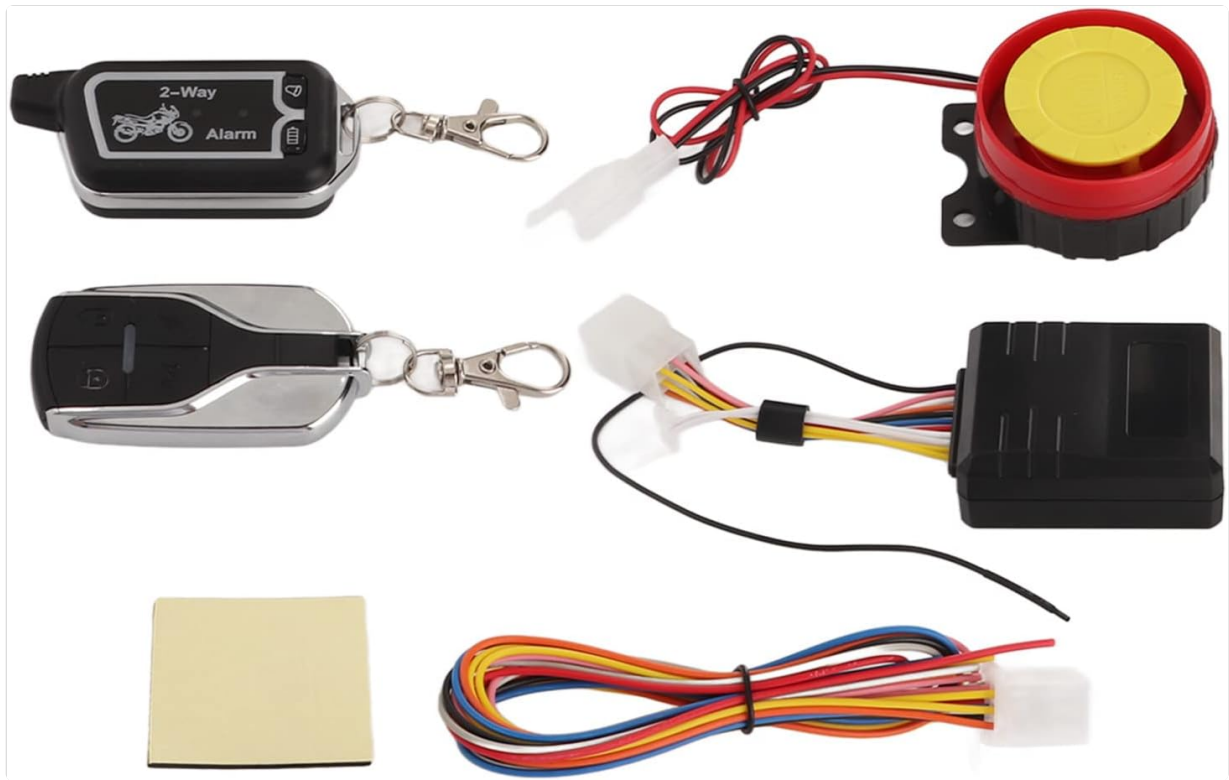


Figure 2.2: Main components of the alarm system.

125dB high decibel speaker



Figure 2.3: High decibel speaker (siren).

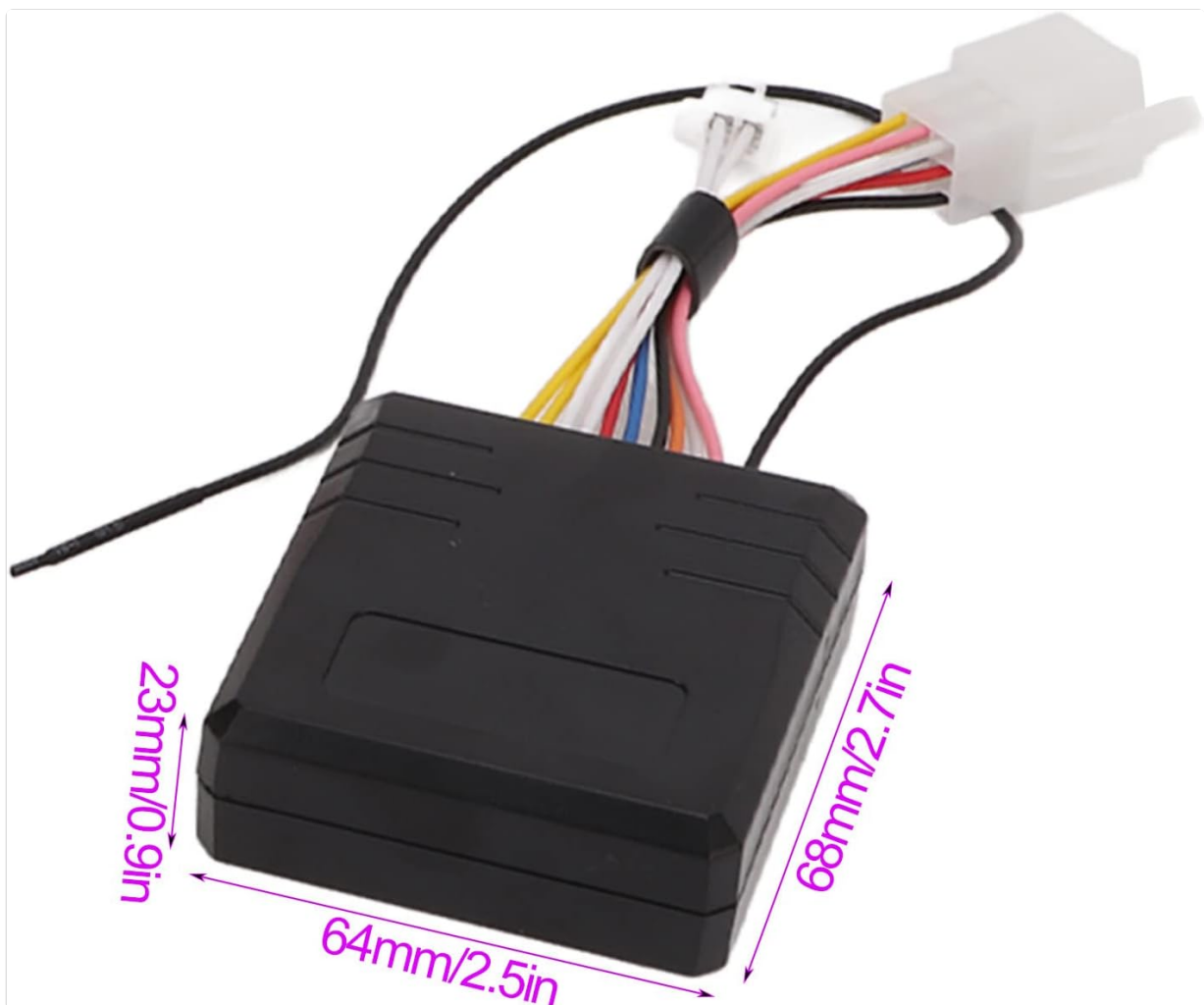


Figure 2.4: Main unit dimensions.

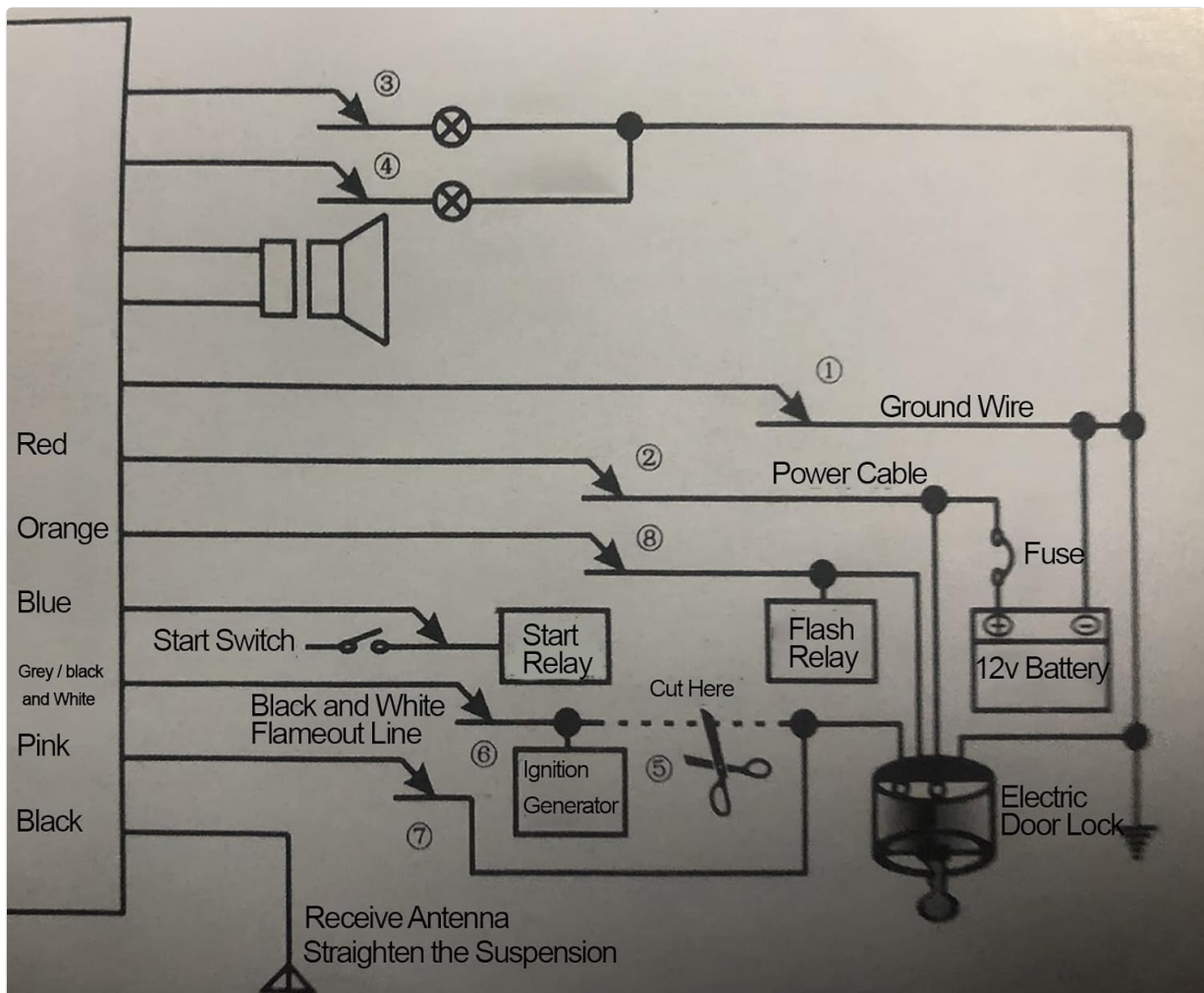
3. OPERATING INSTRUCTIONS

Familiarize yourself with the remote control functions for optimal use of your alarm system.

3.1 Remote Control Functions:



Figure 3.1: Two-Way LCD Remote Control.



1. This wiring method is only suitable for AC ignition (short-circuit flameout) and starting models
2. Please use special wiring if it is used for negative start or DC ignition models
3. The electric door lock of the DC ignition model generally has only 2 lines:
The two feet of the start relay coil of the negative start model also have a voltage of about 12V when the electric door lock is open and the ignition button is not pressed.

Figure 3.2: Standard Remote Control.

- **Arming the System:** Press the lock button on the remote control. The system will confirm with an audible signal.
- **Disarming the System:** Press the unlock button on the remote control. The system will confirm with an audible signal.
- **Remote Start:** Use the designated button on the remote to remotely start your motorcycle engine.
- **Remote Engine Turn-Off:** Use the designated button to remotely turn off your motorcycle engine.
- **Vehicle Search:** Press the vehicle search button to activate an audible signal, helping you locate your motorcycle.
- **Double Flash:** Activates the motorcycle's hazard lights.
- **Sensitivity Adjustment:** The alarm sensitivity can be adjusted via the remote control to suit your environment. Refer to the specific remote instructions for detailed steps.
- **Mute Mode:** Activate mute mode on the host unit or remote control to silence audible alerts while maintaining security.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Tbest Motorcycle Two-Way Alarm System, follow

these general maintenance guidelines:

- **Keep Clean:** Regularly wipe the main unit and remote controls with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Battery Replacement:** The 4-button remote key uses a built-in CR2032 200mAh button battery. The 5-button remote key requires 1 AAA battery (not included). Replace batteries promptly when the remote's range or responsiveness decreases.
- **Check Connections:** Periodically inspect all wiring connections to the main unit and siren to ensure they are secure and free from corrosion.
- **Avoid Water Exposure:** While the system is designed for outdoor use, avoid direct high-pressure water spray on the main unit or siren during washing.

5. TROUBLESHOOTING

If you encounter issues with your Tbest Motorcycle Two-Way Alarm System, try the following troubleshooting steps:

- **System Not Responding:**
 - Check the remote control battery and replace if necessary.
 - Ensure you are within the effective range (approximately 150m / 164yd).
 - Verify that the main unit is receiving power.
- **Alarm Not Sounding:**
 - Check if the system is in mute mode.
 - Inspect the siren's wiring connection to the main unit.
 - Ensure the siren is not obstructed.
- **False Alarms:**
 - Adjust the alarm sensitivity to a lower setting.
 - Ensure the main unit is securely mounted and not subject to excessive vibrations from external sources.
- **Remote Start Failure:**
 - Verify all wiring connections related to the remote start function, especially the start relay.
 - Ensure the motorcycle's battery is adequately charged.

If problems persist after attempting these steps, please contact customer support.

6. SPECIFICATIONS

Feature	Specification
Rated Working Voltage	12V
Quiescent Current	≤3.5mA
Remote Control Effective Distance	Approx. 150m / 164yd

Feature	Specification
Alarm Sound Level	≥125dB
Operating Temperature Range	-15°C to 80°C
4 Buttons Key Battery Type	Built-in 1PC button battery CR2032 200mAh
5 Buttons Key Battery Type	1PC AAA battery (NOT included)
Compatible Devices	Motorcycle
Item Weight	9.5 ounces
Package Dimensions	8.27 x 6.1 x 1.81 inches
Model Number	Tbestu0d9aq8vf3
Manufacturer	Tbest

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.