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Bloepum T3E

Bloepum Tuya T3E Smart Touch Screen Zigbee Wall Light Switch Control Panel User Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Bloepum Tuya T3E Smart Touch Screen Control Panel. Please read this manual thoroughly before installation and use to ensure proper functionality and safety. The T3E is a versatile smart switch and scene panel designed for intelligent home automation, compatible with the Tuya ecosystem and Zigbee protocol.

2. Safety Information

- Installation should only be performed by a qualified electrician or in accordance with local electrical codes.
- Ensure the power supply is disconnected before installation or maintenance to prevent electric shock.
- Do not expose the device to excessive moisture, high temperatures, or direct sunlight.
- This device is designed for indoor use only.
- Keep out of reach of children.

3. Product Overview

The Bloepum Tuya T3E is a 4-inch HD multi-touch screen control panel that integrates smart switch functionality with scene control. It allows for intelligent control of lighting brightness, color temperature, and various smart home devices through its intuitive interface or a mobile application.

3.1 Package Contents

- 1 x Bloepum Tuya T3E Smart Control Panel
- Installation Screws (Quantity may vary)
- User Manual (This document)

3.2 Specifications

Feature	Specification

Model	T3E
Input Power	100-240V AC, 50/60Hz
Maximum Current	16A
Wireless Protocol	Zigbee
Operating Temperature	0°C to +40°C
Operating Humidity	5% to 90% (non-condensing)
Panel Dimensions	86 x 86 x 11mm
Product Weight	205g
Material	Plastic (PC)
Control Method	Touch Screen, Mobile Application
Mounting Type	Wall Mount

4. Installation and Setup

4.1 Wiring Diagram

Before proceeding with wiring, ensure the main power supply to the circuit is turned off at the breaker. Connect the wires according to the diagram below. The panel supports 3-gang relay switches for controlling multiple light circuits.



Image 1: Wiring diagram for the Bloepum T3E Smart Switch Control Panel. This diagram illustrates how to connect the Neutral (N) and Live (L) power lines to the panel, along with three separate load lines (L1, L2, L3) for controlling individual light fixtures such as chandeliers and downlights. The panel itself is shown with its back connections, indicating where each wire should be terminated.

4.2 Device Pairing and App Connection

The T3E is a Zigbee smart switch and scene panel. To connect it to the Tuya application for smart control, a compatible Zigbee gateway (such as the T1E model) is required. The T3E itself is not a smart gateway.

1. Ensure your Zigbee gateway is powered on and connected to the Tuya Smart or Smart Life application.
2. Power on the T3E control panel after completing the wiring.
3. Follow the instructions within the Tuya Smart or Smart Life app to add a new Zigbee device.
4. The app will guide you through the pairing process. Once successfully paired, the T3E panel will appear in your device list.

5. Operation

5.1 Touch Screen Interface

The 4-inch HD multi-touch screen provides an intuitive interface for controlling your smart devices. It displays the date, time, and various control icons for scenes, switches, devices, and settings. The interface features simple graphics and dynamic effects for a smooth user experience.



Image 2: Detailed view of the Bloepum T3E 4-inch HD touch screen interface. The screen prominently displays a dynamic clock and the current date. Below these, a function panel offers navigation to 'Scene', 'Switch', 'Device', and 'Settings'. On the right side of the screen, dedicated control buttons are visible for 'Chandelier', 'Downlight', and 'Light Strip', indicating direct control over various lighting types.

5.2 Scene Control

The T3E panel allows you to create and activate custom scenes. These scenes can link multiple smart devices to perform actions with a single touch. For example, you can set up a 'Home Mode' scene to turn on the air conditioning, open curtains, and turn off lights simultaneously.



Image 3: The Bloepum T3E Smart Touch Screen Control Panel showing its scene selection interface. The screen presents six distinct buttons for various modes: 'Negotiation Mode', 'Speech Mode', 'Fully Open Mode', 'All-off Mode', 'Custom Mode 01', and an 'Add Mode' button for creating new scenes. A navigation bar at the bottom provides quick access to 'Scene', 'Switch', 'Device', and 'Settings' functionalities.

5.3 Device Control

The panel offers direct control over various smart devices connected to your Tuya ecosystem. This includes lights, curtains, windows, dimming functions, and more. The 3-gang relay switches allow for intelligent control of downlights, spotlights, and other lighting fixtures, including adjusting brightness and color temperature.



Image 4: A diagram demonstrating the multi-device connection and control capabilities of the Bloepum T3E panel. The central Zigbee gateway acts as a hub, wirelessly connecting to and enabling control over a range of smart home devices. These devices include smart windows, curtains, various types of lights (ceiling lights, recessed lights), a standard smart wall switch, and an air conditioner, all managed through the T3E control panel.

5.4 Remote Control via App

When you are away from home, you can use the Tuya Smart or Smart Life mobile application to remotely control your connected smart devices. The app provides an organized interface to find and manage your devices, allowing for convenient control from anywhere.



Image 5: The Bloepum T3E Smart Touch Screen Control Panel is depicted next to a smartphone running the Tuya Smart Life application. The phone screen illustrates the app's interface, which lists various connected smart devices, such as 'CD 9' and 'CD 8', under a 'Living Room Master Bedroom' section. This image highlights the remote control functionality of the T3E panel through the mobile application.

6. Maintenance

- Clean the touch screen with a soft, dry, lint-free cloth. Do not use abrasive cleaners or solvents.
- Avoid spraying cleaning liquids directly onto the panel. Apply to the cloth first.
- Regularly check wiring connections for any signs of wear or looseness.

7. Troubleshooting

- **Panel not powering on:** Check the main power supply and ensure all wiring connections are secure and correct according to the diagram.
- **Cannot connect to Tuya app:** Verify that a compatible Zigbee gateway (e.g., T1E) is properly installed and

connected to the app. Ensure the T3E panel is within range of the gateway.

- **Devices not responding:** Check the Zigbee network status in your Tuya app. Ensure the devices are properly paired with the gateway and the T3E panel. Verify the power supply to the unresponsive devices.
- **Touch screen unresponsive:** Try restarting the panel by temporarily cutting its power supply. If the issue persists, contact customer support.

8. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please reach out to Bloepum customer service through their official channels.

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