

## Deity TC-1

# Deity TC-1 Wireless Timecode Box User Manual

Model: TC-1

## 1. INTRODUCTION

The Deity TC-1 is a compact and versatile wireless timecode box designed for professional audio and video synchronization. It integrates advanced features such as Bluetooth 5.0, a 2.4G radio ecosystem, and app control, offering precise timecode accuracy and flexible workflow integration. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your TC-1 unit.

## 2. SAFETY INFORMATION

- Do not expose the device to water or excessive humidity.
- Avoid extreme temperatures. Operate and store the device within recommended environmental conditions.
- Do not attempt to disassemble or modify the device. Repairs should only be performed by authorized personnel.
- Use only the specified charging cable and power source to prevent damage or fire.
- Keep the device away from strong magnetic fields.

## 3. PACKAGE CONTENTS

Verify that all items are present in your Deity TC-1 package:

- 1x Deity TC-1 Wireless Timecode Box
- 1x Locking to Unlocking TRS Audio Spring Cable
- 1x Removable Cold Shoe Holder
- 1x Type-C Charging Cable

- 1x USB-C to USB-A Firmware Upgrade Adapter
- 2x Female Buckle Velcro



Image: Deity TC-1 Wireless Timecode Box with all included accessories, including cables, cold shoe mount, and Velcro.

## 4. PRODUCT OVERVIEW

The Deity TC-1 features a compact design with an intuitive OLED display and on-board controls for easy operation.



Image: Front view of the Deity TC-1, highlighting its 1-inch OLED display showing timecode, battery status, and connection indicators.



Image: Side view of the Deity TC-1, showing the control wheel for menu navigation and the power/menu button.



Image: Bottom view of the Deity TC-1, illustrating the attachment point for the removable cold shoe holder.

## 5. SETUP

### 5.1 Charging the Device

The TC-1 is powered by an internal Lithium Ion battery. To charge, connect the included USB-C charging cable to the USB-C port on the device and a compatible USB power source. A full charge takes approximately 2 hours and provides up to 28 hours of battery life.

### 5.2 Mounting Options

The TC-1 offers flexible mounting solutions:

- **Cold Shoe Mount:** Attach the removable cold shoe holder to the bottom of the TC-1 and slide it onto a camera's cold shoe or hot shoe mount.
- **Velcro:** Use the included female buckle Velcro pieces to secure the TC-1 to various surfaces or equipment.



Image: Deity TC-1 unit shown with the removable cold shoe mount attached to its base.

### 5.3 Initial Power On

To power on the TC-1, press and hold the power button located on the side of the unit. The OLED display will illuminate, showing the current timecode and device status. To power off, press and hold the power button again until the display turns off.

## 6. OPERATING INSTRUCTIONS

### 6.1 Timecode Synchronization

The TC-1 offers multiple methods for timecode synchronization:

- **Bluetooth 5.0:** Connect the TC-1 to your smartphone via Bluetooth for wireless jamming and control using the Sidus Audio mobile app. The Bluetooth range is up to 250 feet.
- **2.4G Radio:** Utilize the proprietary 8-channel 2.4G radio ecosystem to wirelessly sync multiple TC-1 units together. This method also offers a maximum range of 250 feet.
- **Hardwire Jam:** Use the 3.5mm timecode port to hardwire jam timecode from another device or to jam other devices from the TC-1.

- **Internal Generation:** The TC-1 can also internally generate timecode, functioning as a master clock for your setup.



Image: A smartphone screen showing the Sidus Audio app interface, used for controlling and syncing the Deity TC-1.

## 6.2 Supported Timecode Formats

The Deity TC-1 supports all standard SMPTE Timecode Formats, ensuring compatibility with a wide range of professional equipment.

## 6.3 Timecode Accuracy

The TC-1 boasts high timecode accuracy of 0.5ppm, resulting in a minimal drift of only 1 frame every 72 hours. This ensures reliable and consistent synchronization over extended periods.

## 6.4 Connecting to Devices

Use the locking 3.5mm timecode port to connect the TC-1 to cameras, audio recorders, and other timecode-enabled devices. The included Locking to Unlocking TRS Audio Spring Cable facilitates these connections.



Image: The Deity TC-1 connected to a professional camera setup, demonstrating its integration into a production workflow.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or solvents.
- **Storage:** Store the TC-1 in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** For optimal battery longevity, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to approximately 50% every few months.

## 8. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged. Connect the USB-C cable to a power source and try again.
- **Timecode not syncing:** Check all cable connections. Ensure both the TC-1 and the receiving device are set to the correct timecode format and frame rate. Verify that Bluetooth or 2.4G radio connections are active and within range.
- **Display not working:** If the device powers on but the display is blank, try restarting the unit. If the

issue persists, contact Deity support.

- **App connectivity issues:** Ensure Bluetooth is enabled on your mobile device. Restart the Sidus Audio app and the TC-1.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	TC-1
Timecode Port	Locking 3.5mm
Bluetooth Version	5.0
Bluetooth Max Range	250FT
Radio Frequency	2.4G
Radio Channels	8
Timecode Accuracy	0.5ppm
Frame Drift	1 Frame Every 72 Hours
Display	1" OLED
Charging Port	USB-C
Charging Time	2 Hours (approx.)
Battery Life	Up to 28 Hours
Item Weight	9.2 ounces (0.26 kg)
Package Dimensions	5.59 x 5.04 x 1.73 inches







## 10. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Deity website or contact Deity customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Deity Contact Information:** Please visit [www.deitymic.com](http://www.deitymic.com) for the latest support resources and contact details.



## Related Documents - TC-1

 <p>PR-2 User Manual</p>	<p><a href="#">Deity PR-2 Portable Audio Recorder User Manual</a></p> <p>Comprehensive user manual for the Deity PR-2 portable audio recorder, covering setup, operation, settings, specifications, and troubleshooting.</p>
	<p><a href="#">Deity Pocket Wireless Mobile Kit 2.4G Wireless Audio System User Manual</a></p> <p>Comprehensive user manual for the Deity Pocket Wireless Mobile Kit, a 2.4G wireless audio system. Learn about setup, functions, specifications, and compatibility for transmitters, receivers, and accessories.</p>
	<p><a href="#">Deity Connect 2.4G Wireless Audio System Product Manual</a></p> <p>This product manual provides comprehensive instructions for the Deity Connect 2.4G Wireless Audio System, covering installation, operation, specifications, and troubleshooting for the BP-TX transmitter and DUO-RX receiver.</p>
 <p>Smart Power Distributor SPD-1 Product Manual</p>	<p><a href="#">Deity SPD-1 Smart Power Distributor Product Manual - Features, Operation, and Specifications</a></p> <p>Comprehensive product manual for the Deity SPD-1 Smart Power Distributor. Learn about its features, installation, operation, specifications, and troubleshooting for professional audio power management.</p>
 <p>THEOS DIFB</p>	<p><a href="#">DEITY THEOS DIFB User Manual</a></p> <p>User manual for the DEITY THEOS DIFB wireless IFB system, covering installation, operation, features, specifications, and troubleshooting.</p>
 <p>SF1 Active Directional Antenna User Manual</p>	<p><a href="#">DEITY SF1 Active Directional Antenna User Manual - UHF Wireless Signal Reception</a></p> <p>Comprehensive user manual for the DEITY SF1 Active Directional Antenna. Learn about its specifications, installation, configuration, and optimal usage for professional wireless audio applications. Covers frequency range, gain settings, and durability.</p>