Techbee TE02

Techbee TE02 Digital Timer Plug Instruction Manual

Model: TE02 | Brand: Techbee

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Techbee TE02 Indoor Digital Electrical Outlet Timer Plug. This device is designed to automate the power supply to your electrical appliances, offering convenience, energy savings, and enhanced home security through its programmable features.

The Techbee TE02 timer plug features a large, easy-to-read display and intuitive controls, allowing for precise scheduling of up to 20 ON/OFF programs per day. It also includes advanced functions such as a countdown timer and a random ON/OFF mode for vacation security. Its built-in battery ensures that your programmed settings are retained even during power outages.

2. PRODUCT FEATURES

- **Extensive Programming:** Supports up to 20 weekly ON-OFF timing programs for flexible scheduling.

- **Countdown Function:** Allows for precise delay ON/OFF timing, from 1 second up to 99 hours, 59 minutes, and 59 seconds.

- **Anti-theft Random Mode:** Activates lights or other appliances at varying times to simulate occupancy, deterring potential intruders.

- **User-Friendly Display:** Features a large screen for clear visibility of digits and numbers.

- **Power Outage Protection:** Equipped with a built-in NiMH 1.2V battery to retain programmed settings for over 30 days during power interruptions.

- **Versatile Time Format:** Interchangeable 12-hour (AM/PM) and 24-hour formats.

- **Grounded Outlet:** Designed with a 3-prong plug and socket for safe use with a wide range of appliances.

- **Silent Operation:** Operates completely silently, making it suitable for home use.

Automate your Home

- Up to 20 ON-OFF Weekly timers
- Countdown and Turn ON/OFF
- Anti-theft Random ON/OFF Mode
- One-touch Manual Override feature
- Easy-to-read Large Screen

Figure 2.1: Key features of the Techbee TE02 Digital Timer Plug.

3. SPECIFICATIONS

Specification	Value
Model Number	TE02
Maximum Voltage	125V
Maximum Rating	15A / 1875W
Maximum Frequency	60Hz
Minimum Setting Interval	1 Minute (1 second for countdown)
Maximum Setting Duration	7 Days
Battery Type	NiMH 1.2V (retains settings >30 days)
Number of Settings	20 ON-OFF programs

Figure 3.1: Technical data and features as displayed on the product packaging.

4. SETUP

Before initial use, it is recommended to plug the timer into a live outlet for at least 30 minutes to charge the internal battery. This ensures that the timer retains its settings even if unplugged or during a power outage.

1. Unpack the timer plug and included instruction manual.

2. Locate a standard 125V grounded electrical outlet.

3. Plug the Techbee TE02 timer directly into the wall outlet. The display should illuminate.

4. Press the **RESET** button (usually a small recessed button) using a non-metallic pointed object (like a pen tip) to clear all previous settings and ensure proper function.

5. Proceed to set the current time and day as described in the 'Operating Instructions' section.
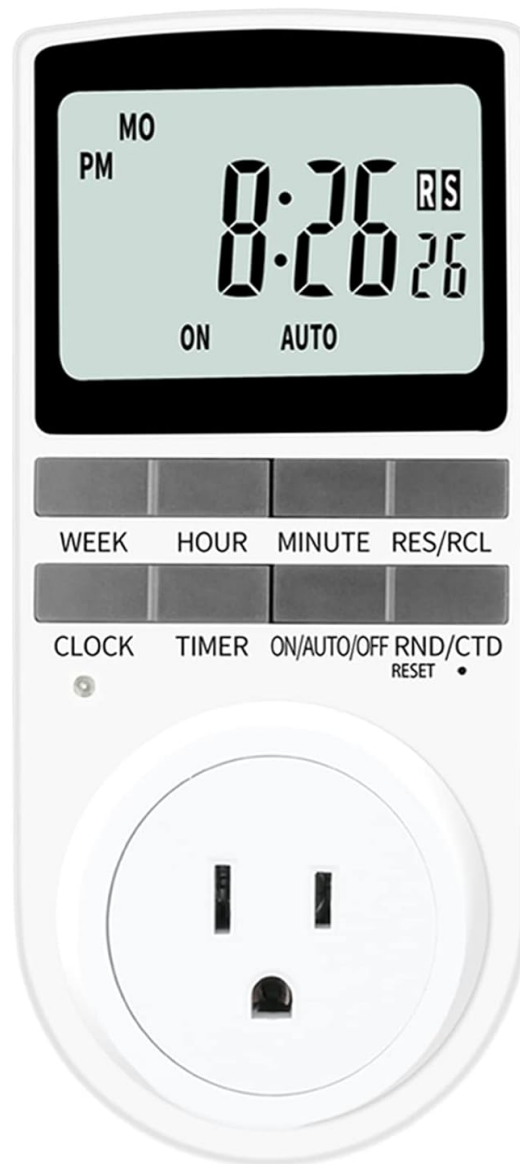

Figure 4.1: The Techbee TE02 Digital Timer Plug ready for setup.

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Video 4.1: An overview of the Techbee TE02 timer plug, including unboxing and initial setup steps.

5. OPERATING INSTRUCTIONS

5.1. Setting Current Time and Day

1. Press the **CLOCK** button. The display will show the current time.

2. While holding the **CLOCK** button, press **WEEK** to set the current day (MO, TU, WE, TH, FR, SA, SU).

3. While holding the **CLOCK** button, press **HOUR** to set the current hour (12-hour or 24-hour format).

4. While holding the **CLOCK** button, press **MINUTE** to set the current minute.

5. Release the **CLOCK** button to save the settings.

5.2. Programming ON/OFF Times (Up to 20 Programs)

1. Press the **TIMER** button to enter programming mode. The display will show "1 ON".

2. Press **WEEK** to select the day(s) for this program (e.g., MO, TU, WE, TH, FR, SA, SU, or various combinations).

3. Press **HOUR** to set the desired ON hour.

4. Press **MINUTE** to set the desired ON minute.

5. Press **TIMER** again. The display will show "1 OFF".

6. Repeat steps 2-4 to set the desired OFF time for this program.

7. Continue pressing **TIMER** to cycle through programs "2 ON", "2 OFF" up to "20 ON", "20 OFF", setting each as needed.

8. After setting all desired programs, press the **CLOCK** button to exit programming mode and return to the current time display.

Figure 5.1: Programming the timer for daily routines.

5.3. Countdown Function

The countdown function allows the timer to turn ON or OFF after a specified duration.

1. Press the **ON/AUTO/OFF RND/CTD** button repeatedly until "CTD" appears on the display.

2. Press **HOUR**, **MINUTE**, and **RES/RCL** (for seconds) to set the desired countdown duration.

3. Press **TIMER** to start the countdown. The display will show the remaining time.

4. Once the countdown reaches zero, the connected appliance will either turn ON or OFF, depending on its initial state.

Figure 5.2: Setting a countdown timer to turn an appliance ON or OFF.

5.4. Random Function (Anti-theft Mode)

The random function helps deter intruders by turning connected lights or appliances ON and OFF at irregular intervals.

1. Press the **ON/AUTO/OFF RND/CTD** button repeatedly until "RND" appears on the display.

2. The timer will now randomly turn the connected appliance ON and OFF within a set time window (typically 6 PM to 6 AM, but the Techbee TE02 offers random from any time).

3. To deactivate, press the **ON/AUTO/OFF RND/CTD** button again until "AUTO" or "ON"/"OFF" is displayed.

Anti-theft Random Function

Figure 5.3: Utilizing the random function for home security.

5.5. Manual Override

You can manually switch the timer's output state without affecting the programmed settings.

- Press the **ON/AUTO/OFF RND/CTD** button to cycle through the modes:**ON** (always on), **AUTO** (follows programs), **OFF** (always off), **RND** (random), **CTD** (countdown).

- Select **ON** or **OFF** for immediate control. The timer will remain in this state until manually changed or switched back to **AUTO**.

6. MAINTENANCE

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

- **Storage:** If storing the timer for an extended period, ensure the internal battery is charged by plugging it in for a few hours every few months. Store in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery:** The internal NiMH battery is designed for long-term use and retains settings for over 30 days. It is not user-replaceable.

7. Troubleshooting

- **Timer Display is Blank:**
  - Ensure the timer is securely plugged into a live electrical outlet.
  - The internal battery might be fully discharged. Plug the timer in for at least 30 minutes to charge it.

- **Programs Not Activating:**
  - Verify that the current time and day are set correctly.
  - Check that the timer is in **AUTO** mode.
  - Ensure the ON/OFF programs are set correctly and do not overlap in an unintended way.
  - Confirm the connected appliance is functioning correctly and its power switch is in the ON position.

- **Timer Not Responding to Buttons:**
  - Perform a full reset by pressing the **RESET** button with a pointed object. You will need to re-enter all settings after a reset.

- **Appliance Does Not Turn ON/OFF with Countdown:**
  - Ensure the timer is in **CTD** mode and the countdown duration is set.
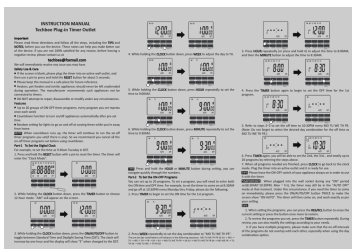 - Verify the connected appliance is working and its power switch is ON.

8. Warranty and Support

For warranty information, technical support, or any inquiries regarding your Techbee TE02 Digital Timer Plug, please refer to the official documentation provided with your product or visit the official Techbee store.

You can find additional support and product information by visiting the Techbee Store on Amazon.

A detailed PDF instruction manual is also available for download: Instructions for Use (PDF).

Documents - Techbee – TE02

[pdf] User Manual Instructions

 TE02   UK Instructions for Use IFU Techbee Indoor Digital Electrical Outlet Timer Plug with Countdown Delay ON Off Switch 7 Day 24 Hour Programmable 1 Pack B19 EOzlPBL m media amazon images I ||| INSTRUCTION MANUAL Techbee Plug-in Timer Outlet Important Please read these direcons and follow all ... anceling all your on-off mers before using countdown to avoid interference. Specificaons Model No.: **TE02** Voltage: 125V AC Rang: 125V AC / 15A / 1875W Operang Temperatures: -10- 40 Accuracy: /-1 Minut...

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