

Utilitech 358707

Utilitech Mechanical Residential Plug-In Timer User Manual

Model: 358707

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Utilitech Mechanical Residential Plug-In Timer. Please read this manual thoroughly before use and retain it for future reference.

The Utilitech Mechanical Residential Plug-In Timer is designed to automate the on/off cycles of electrical devices, helping to conserve energy and enhance convenience. It features up to 48 on/off settings per day and includes 4 outlets for connecting multiple devices.

PRODUCT OVERVIEW



Figure 1: Front view of the Utilitech Mechanical Residential Plug-In Timer, showing the central dial with time markings and surrounding pins.

The timer features a circular dial with hour markings (AM/PM) and a series of push-down pins around its circumference. These pins control the on/off cycles. A manual override switch is typically located on the top or side of the unit.

Key Features:

- Up to 48 on/off settings per 24-hour period.

- Non-removable pins for easy programming.
- Designed for energy saving.
- Equipped with 4 outlets for multiple device connections.
- Simple plug-in installation.

SETUP

Initial Setup:

1. **Unpack the Timer:** Carefully remove the timer from its packaging. Inspect for any damage.
2. **Plug In:** Plug the timer into a standard 120V AC wall outlet. Ensure the outlet is easily accessible.
3. **Charge Battery (if applicable):** Although this model does not require batteries for operation, some timers may have an internal battery for timekeeping during power outages. If so, allow it to charge for at least 30 minutes before programming.
4. **Set Current Time:** Rotate the entire dial clockwise until the current time aligns with the "TIME" arrow indicator on the timer's face. The dial is marked with AM and PM hours (e.g., 12 PM for Noon, 12 AM for Midnight).



Figure 2: Detail of the timer dial, highlighting the "TIME" arrow and the 24-hour markings for setting the current time.

OPERATING INSTRUCTIONS

Programming On/Off Times:

The timer uses push-down pins around the dial to set the on/off intervals. Each pin represents a 30-minute segment.

1. **Identify Pins:** Locate the small, grey pins around the outer edge of the dial. Each pin corresponds to a 30-minute interval.
2. **Set "ON" Times:** Push down the pins corresponding to the time periods you want the connected device to be **ON**. When a pin is pushed down, it activates the power during that 30-minute segment as the dial rotates.
3. **Set "OFF" Times:** Leave the pins in the "up" position for the time periods you want the connected device to be **OFF**. When a pin is in the up position, it deactivates the power during that 30-minute segment.



Figure 3: Detailed view of the timer's outer ring with individual pins, illustrating how to push them down for "ON" periods.

4. **Manual Override Switch:** The timer typically has a manual override switch (often a slider or button) located on the top or side. This switch allows you to bypass the programmed settings and keep the device either continuously ON or OFF. Ensure this switch is in the "Timer" or "Auto" position for programmed operation.
5. **Connect Device:** Plug the device you wish to control into one of the 4 outlets on the timer. Ensure the device's own power switch is set to the "ON" position.

Example Programming:

To turn a lamp on from 6:00 PM to 10:00 PM:

- Locate the 6 PM mark on the dial.
- Push down all pins from 6 PM to 10 PM.
- Ensure all other pins are in the "up" position.
- Set the current time on the dial.
- Plug the lamp into the timer.

MAINTENANCE

The Utilitech Mechanical Residential Plug-In Timer requires minimal 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 it is clean and dry. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the timer and its cord for any signs of damage, such as frayed wires or cracked casing. If damage is found, discontinue use immediately and replace the unit.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Device does not turn ON/OFF as programmed.	Manual override switch is in the wrong position. Pins are not set correctly. Current time is not set correctly. Device plugged into timer is not switched ON. Timer is not receiving power.	Ensure manual override switch is in "Timer" or "Auto" position. Verify pins are pushed down for "ON" times and up for "OFF" times. Re-set the current time on the dial. Ensure the device's power switch is ON. Check the wall outlet and circuit breaker.
Timer dial is not rotating.	Timer is not plugged in or receiving power. Internal mechanism fault.	Ensure timer is securely plugged into a live outlet. If still not rotating, the unit may be faulty and require replacement.
Timer makes a rattling or loud noise.	Normal operation (slight hum). Internal component wear.	A slight hum is normal for mechanical timers. If the noise is excessive or new, the unit may be nearing end-of-life and should be replaced.

SPECIFICATIONS

Attribute	Detail
Model Number	358707
Part Number	TM20DHBL
Brand	Utilitech
Type	Mechanical Residential Plug-In Timer
Number of Outlets	4
Daily Settings	Up to 48 on/off settings (30-minute intervals)
Mounting Type	Plug-In Mount
Color	White
Item Weight	6.4 ounces
Package Dimensions	6.7 x 4.1 x 2.1 inches
Batteries Required	No
UPC	070686507131

SAFETY INFORMATION

Please read and follow all safety instructions to prevent injury or damage.

- **Indoor Use Only:** This timer is designed for indoor use in dry locations only. Do not expose to water or moisture.
- **Electrical Rating:** Do not exceed the electrical rating of the timer. Overloading can cause overheating and fire.
- **Grounding:** Ensure the timer is plugged into a properly grounded outlet if applicable. This model is a 2-prong device.
- **Children and Pets:** Keep out of reach of children and pets.
- **Disconnection:** Always unplug the timer from the wall outlet before cleaning or when not in use for extended periods.
- **Repair:** Do not attempt to open or repair the timer yourself. Refer all servicing to qualified personnel.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Utilitech customer service. Keep your purchase receipt for warranty claims.

Note: Specific warranty terms and contact information may vary. Please consult the documentation included with your product.



© 2023 Utilitech. All rights reserved.
Manual Version: 1.0

Documents - Utilitech – 358707

no relevant documents