HBN

24 HOUR MECHANICAL DUAL OUTLET OUTDOOR TIMER

ENERGY SAVING

Please keep this handbook

PRODUCTS VIEW

2 Arrow
3 Clock Dial
4 Push Pins
1 Slide Switch
5 Socket
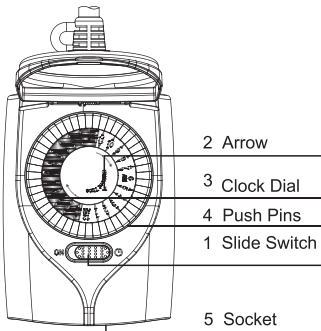
① **Slide Switch:** Slide the switch to the right for timing. Slide the switch to the left for always ON.
② **Arrow:** Indicates the current time of day.
③ **Clock Dial:** Black 12PM-12AM Hours; White Part=12AM-12PM Hours.
④ **Push Pins:** Each pin represents 30 minutes. Pins down = ON; Pins up = OFF.
⑤ **Socket:** 2x15R socket
   Only intended to be used with a grounded device.

RATINGS

Rated Voltage:
125V, 60Hz
Max.Loading:
15A Max.1875W Resistive or General Purpose
8A Tungsten Lamp
1/2 HP TV-5

WARNING

- Use a grounded outlet
- Follow local electrical codes
- For indoor/outdoor use
- Keep children away
- Unplug timer before cleaning
- Fully insert plug
- Do not use in wet locations
- Do not exceed electrical ratings

APPLICATIONS

- Lighting
- Heating systems
- Humidifiers
- Nebulizers
- Cooling systems
- Sprinklers
- Aquariums
- Ventilators

Step 1. Set a period of time for the unit to be "ON"

Make sure all push pins are in the UP position before beginning. Locate the push pins and push them down at the marked times when the attached device is to be "**ON**". Each pin represents a 30-minute time interval.
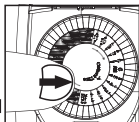

Fig 1

Example: "ON" time is 7:00PM, "OFF" time is 9:30PM. Push down all of the push pins between 7:00PM and 9:30PM. (Fig 1)
Note: Push pins are slices around the dial.

Step 2. Set the "CURRENT TIME"

Rotate the entire push-pin dial clockwise until the arrow aligns with the current time of day on the dial.

Example: It is 6:00AM, please rotate the dial clockwise until the arrow aligns 6AM on the dial. (Fig 2)
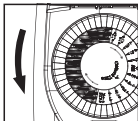**Note: Please pay attention to AM/PM.**

Fig 2

Step 3. Set "BYPASS SWITCH"

When the switch is in ON position, the unit will bypass the programming and your attached device will remain ON. When the switch is in " ⏱ "position, the unit will automatically turn your attached device ON and OFF according to the programmed time. (Fig 3)

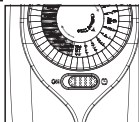Fig 3

Step 4. Insert the plug of the timer into a wall socket

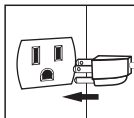You may fix the timer on the wall with the hang hole . (Fig 4)

Fig 4

Step 5. Attach one or two devices to the unit

Plug a device into either socket on the bottom of the timer. Make sure that the attached device is switched ON. The timer can control two devices. (Fig 5)
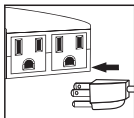
Fig 5

HELPFUL TIPS

1. This timer repeats the same settings daily.
2. To push down or pull up the push pins, use your finger or the tip of a small instrument such as a pen or pencil.

3. You can set up to 48 different "ON" and "OFF" times in a 24-hour period. Push pins pressed down represent the "ON" time, push pins in the up position represent the "OFF" time.
4. When the switch is in the ON position, the unit will bypass programming, however, the timer dial will continue to rotate and maintain the current time.
5. Unit will stop operating if the power goes out. Once power is resumed, reset the time of day as explained in Step 2 of the instructions.

TROUBLESHOOTING

● **PROBLEM**:
  Appliances do not turn on as programmed.
○ **POSSIBLE CAUSE**:
  Connected appliances are not in "ON" position; they are not functioning; timer is not receiving power, or "BYPASS SWITCH" is in ON position.
○ **CORRECTIVE ACTION**:
  Ensure the connected appliances are functional by plugging them directly into the outlet. Be sure the connected appliances are in the "ON" position if they have their own switch. Make sure the power outlet which the timer is plugged into is active. Check that the "BYPASS SWITCH" is in "🕐" position.

- **PROBLEM**:
  Appliances come on before or after programmed times.
- **POSSIBLE CAUSE**:
  "CURRENT TIME" was not properly set.
- **CORRECTIVE ACTION**:
  Check that the current time is correctly set. Note that the black section includes hours from 12 pm to 12 am and the white section includes hours from 12 am to 12 pm.

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