

OPERATING INSTRUCTIONS

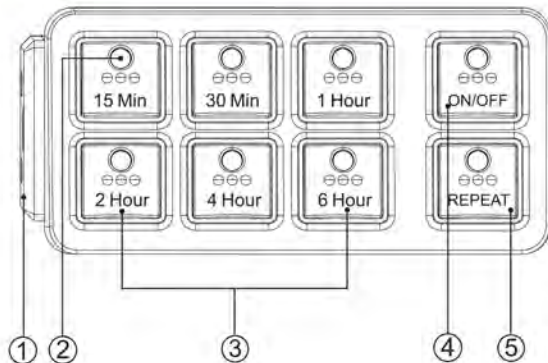
8-BUTTON COUNTDOWN PLUG-IN TIMER

BNH-60/SU107

PRODUCT



PRODUCTS VIEW



① **Socket:**

Only intended to be used with a grounded device.

② **LED Indicator:**

To show self-diagnosis at initialization stage program activated.

③ **Countdown Program Button:**

Press to start a countdown program

④ **ON/OFF Button:**

Manually turn ON/OFF or override a running program

⑤ **24-Hr Repeat Button:**

Activate or deactivate the daily repeat of a program

There are 8 buttons on the main panel: 6 countdown buttons, **ON/OFF** button and **REPEAT** button.

RATINGS

125V~.60Hz

15A/1875W Resistive & General purpose

10A/1250W Tungsten & Electronic Ballast

1/2HP, TV-5

Operating temperature: 5 °F–122°F(-15°C–50°C)

Storage temperature:-4°F –140°F(-15°C–50°C)

Insulation class: II

Protection class: IP20

Clock accuracy: +/- 2 minutes/month

Min.setting time: 15 minutes

Max.setting time: 6 hours

WARNING

- Electrical shock hazard
- Risk of injury or death
- Risk of fire
- Use a grounded outlet
- Follow local electrical codes
- For indoor use only
- 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
- Indoor sprinklers
- Aquariums
- Ventilators

OPERATING INSTRUCTIONS

1. Initialization:

When the timer is first powered, all the indicators will illuminate and then go out after the self-diagnosis process. There is no power output at this stage.

2. Setting a countdown program:

Simply press the button that represents a desired countdown program, the indicator on the button illuminates and countdown starts. The timer will output power and then cut it off when the countdown process ends. Pressing repeatedly the same button before the countdown ends will not restart the countdown.

Example: The 30-minute button is pressed at 12:00, pressing this button before 12:30 will not restart the countdown program.



3. Shifting to another countdown program

To shift to another countdown program, just press the corresponding button. The indicator on the previous button will go out and the indicator on the newly pressed button illuminates. The new countdown process starts.

Example: Press the 1-hour button while a 30-minute program is already in the run. The indicator on the 30-minute button will go out and the indicator on the 1-hour button illuminates. The timer will output power for 1 hour. The power output will not be cut off during the shift.

4. Activating the daily repeat function

Press the **REPEAT** button when a countdown program is running, the indicator on the **REPEAT** button illuminates, indicating that the daily repeat function is now active. The current program will run once again at the same time in the next day.

Example: If a 30-minute program is set at 12:00 and the **REPEAT** button is pressed at 12:05, the 30-minute countdown program will run every day at 12:05 from the next day on.



5. Deactivation of the daily repeat function

Follow either way below to turn off the daily repeat function.

- Press **REPEAT** button, the indicator on the button will go out. This will not affect an ongoing program.
- Press **ON/OFF** button to end the ongoing program as well as the daily repeat function.

Note: When a countdown program is in the run with the daily repeat function active, press another countdown program button will start a new countdown process and deactivate the daily repeat function.

6. Termination of a countdown program.

A countdown program terminates in the following 2 conditions:

- When the countdown program completes, the indicator goes out and the power output is cut off.
- Press **ON/OFF** button at any time to terminate a countdown program. This operation also deactivates the daily repeat function.



7. Always ON

If a countdown is already in the run or the daily repeat function is active, press **ON/OFF** twice to set the timer to ALWAYS ON. If the timer is in OFF mode, press **ON/OFF** once.

Note: In ALWAYS ON mode, the indicator on the **ON/OFF** button illuminates and the power output is permanent.

8. Terminating ALWAYS ON

- Press **ON/OFF** button, the **ON/OFF** indicator goes out and the power output is cut off, or,
- Press a countdown program button.

9. Restarting a running countdown program

- Press **ON/OFF** to terminate the program and then press the countdown button, or
- Press another countdown button and then press the previous countdown button, or
- Activate the daily repeat function (if it is already active, please deactivate first) and the current countdown process will restart. If the daily repeat function is not needed, please press **REPEAT** button again.

TROUBLESHOOTING

• PROBLEM:

No button is responsive.

◦ POSSIBLE CAUSES AND SOLUTION:

Check that the timer is receiving power.

• PROBLEM:

The daily repeat function cannot be activated.

◦ POSSIBLE CAUSES AND SOLUTION:

Check that the **REPEAT** indicator illuminates.

This feature functions only when the indicator is on.

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