

**BN-LINK®**

PRODUCT #  
BNH-60/U148

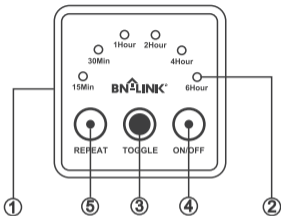
# INDOOR COUNTDOWN TIMER



ENERGY  
SAVING

Please keep this handbook  
[www.bn-link.com](http://www.bn-link.com)

# PRODUCTS VIEW



- ① **Plug:** Only to be used with a grounded device.
- ② **LED Indicators:** Shows the current countdown program. All LED indicator will light up briefly during initialization.
- ③ **Toggle:** Use this button to cycle through different countdown programs.
- ④ **ON/OFF Button:** Use this button to manually turn on or off, overriding the current program.
- ⑤ **Repeat Button:** Activate or deactivate a daily repeat of selected countdown program.

## 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(-20°C–60°C)

Insulation class: II

Protection class: IP20

Clock accuracy: +/- 2 minutes/month

Min.setting time: 15 minutes

Max.setting time: 6 hours

## WARNING

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

## APPLICATIONS

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

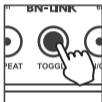
# OPERATING INSTRUCTIONS

## 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:

Press the **TOGGLE** button one or more times until a desired countdown program is selected, the indicator above the program name illuminates and countdown starts. The timer will output power and then cut it off when the countdown process ends. The indicator will go off when the countdown process ends.



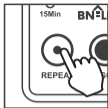
## 3. Shifting to another countdown program

To shift to another countdown timer, just press **TOGGLE** button to select your desired countdown program. The indicator of the running program will go out and the indicator of the newly selected program illuminates. The new countdown program starts.

## 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 12:00, the 30-minute countdown program will run every day at 12:00 from the next day on.

## 5. Deactivation of the daily repeat function

You can turn off the repeat function by:

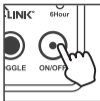
- a. Press **REPEAT** button, the indicator on the button will go out. This will not affect an ongoing program.
- b. Press **ON/OFF** button to end the ongoing program as well as the daily repeat function.

**Note:** When a countdown program is in the run with the daily repeat function active, press another countdown program select 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:

- a. When the countdown program completes, the indicator goes out and the power output is cut off.
- b. 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

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

## 9. Restarting a running countdown program

- a. Press **ON/OFF** to terminate the program and then press **TOGGLE** to re-select the program, or.

- b. Press *TOGGLE* several times until the running program is re-selected.

## **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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