BN-LINK FD-60/U6

BN-LINK 7 Day Heavy Duty Digital Programmable Timer User Manual

Model: FD-60/U6 | Brand: BN-LINK

1. Introduction

Thank you for choosing the BN-LINK 7 Day Heavy Duty Digital Programmable Timer. This versatile and user-friendly device is designed to automate your indoor electrical appliances, helping you save energy and enhance home security. With its dual grounded outlets and advanced programming options, you can easily control lights, fans, coffee machines, and more.

Please read this manual thoroughly before operating the timer to ensure safe and efficient use.

2. Important Safety Instructions

- For indoor use only. Do not expose to water or moisture.
- Do not exceed the electrical ratings: 120V, 60Hz, 15A/1725W.
- Always ensure the timer is securely plugged into a grounded outlet.
- Never plug the timer into an extension strip or surge protector if you are using it for high-wattage appliances like heaters.
- Do not use with extension cords that are not rated for the connected appliance.
- Unplug the timer from the outlet before cleaning. Clean only with a dry cloth.
- Keep out of reach of children.

3. Product Overview

The BN-LINK Digital Programmable Timer features a clear LCD display and intuitive buttons for easy programming. It includes two grounded outlets for simultaneous control of connected devices.



Figure 3.1: Front view of the BN-LINK Digital Programmable Timer, showing the LCD screen and control buttons.



Figure 3.2: Key features of the timer, including 8 ON/OFF programs, 7-day programmability, and dual grounded outlets.

Components:

- **LCD Display:** Shows current time, day, and program settings.
- **Control Buttons:** WEEK, HOUR, MIN, CLOCK, PROG, ON/AUTO/OFF, R (Reset).
- **Dual Grounded Outlets:** Two 3-prong outlets for connecting devices.
- **Indicator Light:** Red LED indicates power status.

4. Setup

4.1 Initial Charging and Reset

Before first use, or if the screen is blank, plug the timer into any standard 120V outlet for at least 30 minutes to charge the internal battery. This battery backup retains your settings during power outages.

After charging, press the 'R' (Reset) button with the tip of a small non-metallic insulated tool (like a pencil or toothpick) to clear all previous settings and ensure proper operation.

4.2 Setting Current Day and Time

1. Press and hold the **CLOCK** button.
2. While holding **CLOCK**, press **WEEK** to set the current day of the week.
3. While holding **CLOCK**, press **HOUR** to set the current hour (AM/PM).
4. While holding **CLOCK**, press **MIN** to set the current minute.
5. Release the **CLOCK** button to save the settings.

Video 4.1: Official BN-LINK instructional video demonstrating initial setup, time setting, and programming.

5. Operating the Timer

5.1 Setting Programs (ON/OFF Times)

The timer allows for up to 8 ON/OFF programs. Each program consists of an ON time and an OFF time.

1. Press the **PROG** button once. The display will show "1 ON".
2. Press **WEEK** repeatedly to select the desired day(s) for this program (e.g., daily, weekdays, weekends, specific days).
3. Press **HOUR** and **MIN** to set the ON time for program 1.
4. Press **PROG** again. The display will show "1 OFF".
5. Repeat steps 2 and 3 to set the OFF time for program 1.
6. Continue pressing **PROG** to cycle through "2 ON", "2 OFF" up to "8 ON", "8 OFF" and set additional programs as needed.
7. After setting all desired programs, press the **CLOCK** button to return to the current time display.



Figure 5.1: The timer can automate various indoor devices like coffee makers and aquarium lights based on programmed schedules.

5.2 ON/AUTO/OFF Modes

The **ON**/**AUTO**/**OFF** button cycles through three operating modes:

- **ON:** The timer's outlets are continuously ON, overriding any programs.
- **OFF:** The timer's outlets are continuously OFF, overriding any programs.
- **AUTO:** The timer operates according to the programmed ON/OFF times. Ensure the timer is in AUTO mode for your programs to run.

5.3 Vacation Mode (Random Function)

The "Random" function helps enhance home security by varying your programmed ON/OFF times, making it appear as if someone is home even when you're away.

1. Ensure the timer is in **AUTO** mode.
2. Press the **R** button. A small "R" icon will appear on the display, indicating Random mode is active.
3. In Random mode, your programmed ON/OFF times will be randomly delayed by 2 to 32 minutes.
4. To deactivate Random mode, press the **R** button again. The "R" icon will disappear.



Figure 5.2: Activate the 'Random' Vacation mode to randomize your programmed lights, making your home look 'lived in' even when you're away.

5.4 Daylight Saving Time (DST) Adjustment

To adjust for Daylight Saving Time:

- Press the **HOUR** and **MIN** buttons simultaneously.
- The time will advance or go back by one hour, and a small "DST" icon will appear or disappear on the display.



Figure 5.3: The timer is user-friendly, offering accurate minute-by-minute programming and a reliable backup battery.

6. Maintenance

- Keep the timer clean by wiping it with a dry, soft cloth.
- Do not use abrasive cleaners or solvents.
- Store the timer in a cool, dry place when not in use.

7. Troubleshooting

Problem	Possible Cause	Solution
Display is blank or dim.	Internal battery is low or depleted.	Plug the timer into a live outlet for at least 30 minutes to charge the battery.
Programs are not running.	Timer is not in AUTO mode.	Press the **ON/AUTO/OFF** button until "AUTO" appears on the display.

Problem	Possible Cause	Solution
Incorrect time or day displayed.	Time/day was not set correctly or reset.	Follow instructions in Section 4.2 to reset and set the current time and day.
Timer is not turning ON/OFF at programmed times.	Programs are incorrect or conflicting.	Review and re-enter your programs as per Section 5.1. Ensure no overlapping times.

8. Specifications

- **Model Number:** FD-60/U6
- **Operation Mode:** ON-OFF
- **Current Rating:** 15 Amps
- **Operating Voltage:** 120V AC
- **Frequency:** 60Hz
- **Wattage:** 1725W Max
- **Contact Type:** Normally Closed
- **Connector Type:** Plug In (3-Prong)
- **Item Dimensions (L x W x H):** 3 x 3.1 x 3.2 inches
- **Item Weight:** 8 ounces
- **Number of Programs:** 8 ON/OFF times per day
- **Color:** White
- **Certifications:** ETL Listed

9. Warranty and Support

BN-LINK products are designed and manufactured to the highest quality standards. For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official BN-LINK website.

For a detailed user guide and additional resources, you can also refer to the official PDF manual: User Manual (PDF).

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question