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## BN-LINK W6-6FXT-LOFJ

# BN-LINK Smart Digital Outlet Timer

## INSTRUCTION MANUAL

### Introduction

Thank you for purchasing the BN-LINK Smart Digital Outlet Timer. This device is designed to automate the power control of your electrical appliances, helping you save energy and enhance convenience in your daily life. With its user-friendly interface and robust programming capabilities, you can easily manage when your devices turn on and off.

Key features include a large, clear display, simple button operation, up to 20 programmable ON/OFF settings per day, and a repeat function for recurring schedules. It also incorporates important safety features to ensure reliable operation.

### Safety Precautions

Please read and understand all safety instructions before using this product to prevent injury or damage.

- **Do not exceed the electrical rating:** Rated Voltage: AC100V, Input Current: 15A, 50/60Hz, 1500W. Overloading can cause overheating and fire.
- This timer is constructed with PC flame-retardant material to effectively prevent electrical fires.
- The plug is equipped with an insulation cap to help prevent fires caused by tracking phenomena.
- Do not immerse the timer in water or expose it to excessive moisture.
- Do not disassemble or modify the timer. Refer all servicing to qualified personnel.
- Keep out of reach of children.

### Applicable Electrical Appliances (Maximum Power Consumption)

- **Heater appliances:** 1500W or less (e.g., electric kettles, electric carpets, heated toilet seats)
- **Transformer appliances:** 750W or less (e.g., TVs, stereos, AV equipment)
- **Motorized appliances:** 400W or less (e.g., fans, ventilation fans, circulation pumps)

- **Lighting fixtures:** 750W or less (e.g., incandescent illuminations, fluorescent lamps)
- **LED lighting fixtures:** 250W or less (e.g., LED illuminations, LED fluorescent lamps)

**Note:** Simultaneous ON/OFF of two electrical appliances is possible by connecting an extension cord to the timer output and then connecting two electrical appliances to the extension cord. However, please ensure the total current does not exceed 15A, and pay attention to connections.

## Product Overview

The BN-LINK Smart Digital Outlet Timer features a compact design with a large, clear LCD display and intuitive buttons for easy programming.



**Figure 1:** Front view of the timer, showing the large digital display and the arrangement of control buttons for day, hour, minute, clear, clock, program, and mode.

# 本体サイズ

重量: 114.2g



**Figure 2:** Product dimensions. The timer measures approximately 70mm in height and 68mm in width, with a weight of 114.2 grams.

安全性が高いPC難燃材料を使用  
電気火災の防止に有効です



最大20個のプログラム  
複数のニーズを満たすこ  
とができる



プラグに絶縁キャップが付き  
トラッキング現象による火災を防止



**Figure 3:** Safety and programming features. The timer is made from PC flame-retardant material, features an insulation cap on the plug to prevent tracking fires, and supports up to 20 programmable settings.

## Setup

- 1. Initial Charge:** Before first use, plug the timer into an outlet for at least 30 minutes to charge the internal battery. This battery backs up your settings during power outages.
- 2. Clear All Settings:** Press the 'Clear' button to reset any previous settings.
- 3. Set Current Time:**
  - Press the 'Clock' button.
  - Use the 'Day', 'Hour', and 'Minute' buttons to set the current day and time.
  - Press 'Clock' again to confirm and exit time setting mode.

## Operating Instructions

## Programming ON/OFF Times

You can set up to 20 ON/OFF programs per day. Each program consists of an ON time and an OFF time.

1. Press the 'Program' button to enter programming mode. The display will show '1 ON'.
2. Use the 'Day', 'Hour', and 'Minute' buttons to set the desired ON time for Program 1.
3. Press 'Program' again. The display will show '1 OFF'.
4. Use the 'Day', 'Hour', and 'Minute' buttons to set the desired OFF time for Program 1.
5. Repeat steps 1-4 for additional programs (up to 20). Press 'Program' to cycle through '2 ON', '2 OFF', and so on.
6. After setting all desired programs, press the 'Clock' button to exit programming mode and return to the current time display.

## Activating Programs

To activate your set programs, ensure the timer is in 'AUTO' mode. Press the 'Mode' button repeatedly to cycle through 'ON', 'OFF', and 'AUTO'. Select 'AUTO' for the timer to follow your programmed schedule.

## Manual Override

While in 'AUTO' mode, you can temporarily override the current program by pressing the 'Mode' button. This will switch the output to 'ON' or 'OFF' manually. To return to programmed operation, press 'Mode' until 'AUTO' is displayed again.

## Screen Blanking Feature

After 3 minutes of inactivity, the screen automatically goes blank to save energy. Press any button to reactivate the display.



**Figure 4:** Usage examples. The timer can automate daily routines, such as turning on a coffee maker in the morning or a toaster at a specific time.



空気加湿器



ランプ









Wi-Fiルーター



イルミネーション

**Figure 5:** Various applications. The timer is suitable for controlling humidifiers, lamps, Wi-Fi routers, and decorative lighting.



 時間&分	 常時& タイマー	 好きな時間	 絶縁 キャップ	 7日ごとに 循環する	 防犯照明
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**Figure 6:** Anti-theft lighting. The timer can be used to simulate occupancy by turning lights on and off at set times, enhancing home security.

## Maintenance

The BN-LINK Smart Digital Outlet Timer requires minimal maintenance.

- Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the timer is unplugged before cleaning.
- Store in a cool, dry place when not in use for extended periods.

## Troubleshooting

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Timer display is blank or unresponsive.	Internal battery is low or depleted; screen blanking feature is active.	Plug the timer into an active outlet for at least 30 minutes to charge the battery. Press any button to reactivate the display.
Programs are not activating.	Timer is not in 'AUTO' mode; programs are incorrectly set.	Press the 'Mode' button until 'AUTO' is displayed. Review and re-enter your programs carefully, ensuring ON and OFF times are correct.
Appliance connected to timer does not turn on/off.	Appliance is not properly plugged into the timer; appliance is faulty; timer is overloaded.	Ensure the appliance is securely plugged into the timer. Test the appliance by plugging it directly into a wall outlet. Verify the appliance's power consumption does not exceed 1500W.
Timer is making unusual noises or smells.	Internal malfunction; electrical short.	Immediately unplug the timer from the wall outlet. Do not attempt to use it again. Contact customer support.

## Specifications

<b>Manufacturer</b>	BN-LINK
<b>Model Number</b>	W6-6FXT-LOFJ
<b>Package Dimensions</b>	11.5 x 9 x 8.2 cm
<b>Material</b>	Plastic
<b>Color</b>	White
<b>Battery Type</b>	Nickel-metal hydride (NiMH)
<b>Package Weight</b>	0.29 Kilograms
<b>Batteries Required</b>	Yes
<b>Batteries Included</b>	Yes
<b>Product Weight</b>	114.2 Grams
<b>Product Dimensions</b>	3.3D x 6.8W x 7H cm

## Warranty and Support

This product comes with a **1-year manufacturer's warranty** from the date of purchase.

For technical support, troubleshooting assistance, or warranty claims, please contact BN-LINK customer service. Refer to the product packaging or the retailer's website for specific contact information.

Please have your model number (W6-6FXT-LOFJ) and proof of purchase ready when contacting support.