Besvic HU-XI-201

Besvic 3680W Digital Programmer Socket User Manual

Model: HU-XI-201

1. Introduction

The Besvic 3680W Digital Programmer Socket is designed to automate the control of electrical appliances, helping to save energy and time. This programmable timer allows you to set up to 10 daily ON/OFF programs, manage devices for 24 hours/7 days, and includes features like Daylight Saving Time (DST) adjustment and a random anti-theft mode. It is suitable for a wide range of indoor electrical appliances up to 3680W.



Image 1.1: The Besvic Digital Programmer Socket, highlighting its role as a home automation assistant with features like silent operation, energy saving, built-in backup battery, overcharge protection, and DST mode.

2. Safety Instructions

- Ensure the total load of connected appliances does not exceed 3680W (16A at 230V).
- This device is for indoor use only. Do not expose to moisture or extreme temperatures.
- Do not disassemble or attempt to repair the device. Refer to qualified personnel for service.
- Keep out of reach of children.
- Always insert the plug fully into the socket.
- If the device is no longer charged and nothing shows on the screen, connect it to an electrical outlet for approximately 15 minutes to charge the internal battery before operation.

3. Product Overview

Familiarize yourself with the components and display of your Besvic Digital Programmer Socket.



Image 3.1: Detailed view of the Besvic Digital Programmer Socket, labeling its large LCD display, indicator light, clock button, timer ON/AUTO/OFF/RANDOM button, reset button, WEEK, HOUR, MINUTE, RES/RCL buttons, Random Function indicator, and DST Mode indicator.

3.1. Display and Buttons

- **Large LCD Display:** Shows current time, day, program status (ON/AUTO/OFF), and special modes (RANDOM, SUMMER).
- **CLOCK Button:** Used to set the current time and day.
- **TIMER Button:** Used to set and review ON/OFF programs.
- **ON/AUTO/OFF/RANDOM Button:** Cycles through manual ON, automatic operation, manual OFF, and Random mode.
- **WEEK, HOUR, MINUTE Buttons:** Used for setting time and program parameters.
- **RES/RCL Button:** Resets or recalls program settings.
- **RESET Button (recessed):** Clears all settings and programs. Use a pointed object to press.
- **Indicator Light:** Illuminates when the socket is powered ON.

4. Setup

4.1. Initial Charging

Before first use or if the display is blank, plug the programmer socket into a live electrical outlet for approximately 15 minutes to charge its internal backup battery. This battery maintains program memory during power outages or when the device is unplugged.

4.2. Setting the Current Time and Day

1. Press and hold the **CLOCK** button.
2. While holding **CLOCK**, press the **WEEK** button repeatedly until the correct day of the week is displayed.
3. While holding **CLOCK**, press the **HOUR** button repeatedly until the correct hour is displayed.
4. While holding **CLOCK**, press the **MINUTE** button repeatedly until the correct minute is displayed.
5. Release the **CLOCK** button. The current time and day are now set.

4.3. Daylight Saving Time (DST) Adjustment

To switch between Standard Time and Daylight Saving Time:

- Press and hold the **ON/AUTO/OFF/RANDOM** button for approximately 3 seconds.
- The display will show "SUMMER" or "WINTER" and the time will automatically adjust by one hour forward or backward. Repeat the process to switch back.

5. Operating Instructions

5.1. Setting ON/OFF Programs

The device supports up to 10 ON/OFF programs per day.

1. Press the **TIMER** button once. The display will show "1 ON".
2. Press **WEEK** to select the desired day(s) for this program (e.g., individual days, weekdays, weekends, all days).
3. Press **HOUR** and **MINUTE** to set the desired ON time.
4. Press the **TIMER** button again. The display will show "1 OFF".
5. Press **WEEK** to select the desired day(s) for this OFF program (usually matching the ON program).
6. Press **HOUR** and **MINUTE** to set the desired OFF time.
7. Repeat steps 1-6 for programs 2 through 10.
8. After setting all desired programs, press the **CLOCK** button to return to the current time display.
9. Ensure the operating mode is set to **AUTO** for programs to execute. Press **ON/AUTO/OFF/RANDOM** repeatedly until "AUTO" is displayed.



Image 5.1: The Besvic Digital Programmer Socket controlling a toaster, illustrating its daily ON/OFF timer function for automated tasks like preparing breakfast.



Image 5.2: The Besvic Digital Programmer Socket with various appliances in the background, emphasizing its program memory feature which saves users from resetting settings each time.

5.2. Manual Control

Press the **ON/AUTO/OFF/RANDOM** button repeatedly to cycle through the following modes:

- **ON:** The connected appliance is continuously ON, overriding any programs.
- **AUTO:** The connected appliance operates according to the set programs.
- **OFF:** The connected appliance is continuously OFF, overriding any programs.
- **RANDOM:** Activates the random anti-theft mode.

5.3. Random Anti-Theft Mode

The Random mode turns connected lights or other devices ON and OFF at irregular intervals, creating the illusion that someone is home. This feature is useful for deterring intruders when you are away.

1. Ensure the current time is set correctly.
2. Press the **ON/AUTO/OFF/RANDOM** button until "RANDOM" appears on the display.
3. The device will now randomly switch the connected appliance ON and OFF within a specific time window (e.g., 6 PM to 6 AM).
4. To exit Random mode, press the **ON/AUTO/OFF/RANDOM** button again to select ON, AUTO, or

OFF.

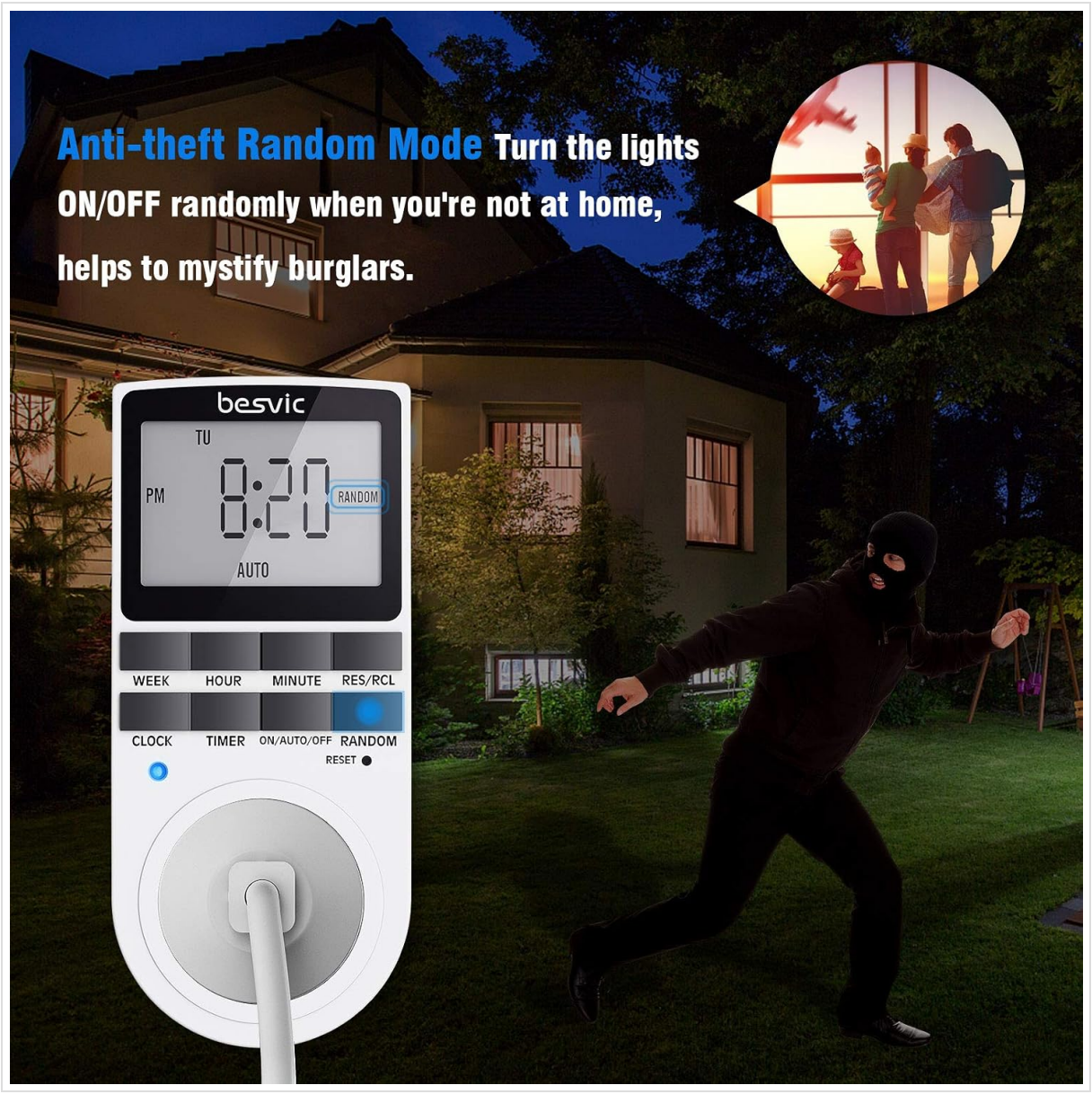


Image 5.3: The Besvic Digital Programmer Socket displaying "RANDOM" mode, with an illustration of lights turning on and off in a house to deter potential burglars.

6. Maintenance

- Unplug the device from the power outlet before cleaning.
- Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- Store the device in a cool, dry place when not in use.
- The internal battery is not user-replaceable.

7. Troubleshooting

Problem	Possible Cause	Solution
Display is blank.	Internal battery is discharged.	Plug the device into a live outlet for at least 15 minutes to charge the battery.

Problem	Possible Cause	Solution
Programs are not executing.	Device is not in AUTO mode.	Press the **ON/AUTO/OFF/RANDOM** button until "AUTO" is displayed.
Appliance does not turn ON/OFF at programmed times.	Incorrect program settings or current time.	Verify program settings and ensure the current time and day are set correctly.
All settings are lost.	Device was reset or internal battery completely drained for an extended period.	Recharge the device and reprogram all settings. Avoid pressing the recessed RESET button accidentally.

8. Specifications

Model Number	HU-XI-201
Voltage	AC 230 V / 50 Hz
Max. Power Load	AC 230V / 16A / 3680W
Built-in Battery	1.2 V, > 100 hours (maintains program memory)
Accuracy	± 1 minute
Number of Programs	10 ON/OFF programs per day
Material	Plastic
Color	White
Item Weight	6.6 Ounces
Screen Size	2.4 Inches

9. Warranty and Support

This Besvic product is covered by a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact Besvic customer support.
If you encounter any issues or have questions regarding the operation of your Digital Programmer Socket, please contact Besvic customer support through the retailer where the product was purchased or visit the official Besvic website for assistance.

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