

Velamp SH005

VELAMP SH005 Digital Weekly Programmer

Instruction Manual

1. INTRODUCTION

This VELAMP SH005 Digital Weekly Programmer is designed to control the ON/OFF cycles of various connected household appliances. It offers flexible programming options, allowing you to automate the operation of devices such as heaters, coffee makers, fans, lamps, washing machines, and printers. This manual provides detailed instructions for setting up and operating your programmer.

The programmer supports up to 10 ON/OFF cycles per day, with the ability to set different schedules for different days of the week. It features a 24-hour display and is operated using four intuitive programming buttons. It is intended for indoor use only and must be kept away from water.

2. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your VELAMP SH005 Digital Weekly Programmer.



Figure 2.1: Front view of the programmer with labeled LCD screen and control buttons.

2.1. Display and Indicators

- **LCD Screen:** Displays current time, day, and programming status.
- **Day Indicators:** MO, TU, WE, TH, FR, SA, SU.
- **Mode Indicators:** ON, AUTO, OFF.
- **Program Cycle Indicator:** Displays the current program number (e.g., '1' for the first cycle).
- **ON/OFF Time Indicators:** Symbols indicating programmed ON and OFF times.

2.2. Control Buttons

- **RESET / DAY:** Used to reset the device and set the current day.
- **PGM (Program):** Used to enter and navigate programming mode, and to confirm settings.
- **ON/OFF / MIN:** Used to manually switch the timer status (ON/OFF/AUTO) and set minutes during time setting.
- **ZONE / HOUR:** Used to set summer time and set hours during time setting.

3. SETUP

3.1. Initial Setup

Upon first use, the timer will be in AUTO mode. Ensure the internal battery (AG6/LR920) is installed. If the display is blank or erratic, the battery may need to be replaced or charged (by plugging the unit into a power outlet for a few hours).

3.2. Setting the Current Day and Time

The display shows time in 24-hour format (0:00:00 to 23:59:59) and days as MO, TU, WE, TH, FR, SA, SU.

1. Setting the Day:

- Press and hold the **DAY** button for 3 seconds until the display flashes.
- Press the **DAY** button repeatedly to move the ▲ symbol to the current day (MO → TU → WE → TH → FR → SA → SU).

2. Setting the Time:

- While the display is still flashing (after setting the day), press the **HOUR** button to set the current hour.
- Press the **MIN** button to set the current minute.

3. **Confirming Settings:** Press the **PGM** button to confirm your selections and exit the setting mode.

3.3. Setting Summer Time

To adjust for summer time:

- Press and hold the **ZONE** button. The time will automatically cycle through: +1 hour → +1 hour → -2 hours. For example, 18:00 → 19:00 → 17:00 → 18:00.
- Release the **ZONE** button when the desired time adjustment is displayed.

4. OPERATING

4.1. Programming ON/OFF Cycles

You can program up to 10 ON/OFF cycles, either for specific days or blocks of days.

1. With the current time displayed, press the **PGM** button to enter programming mode. The display will show '1' on the left, indicating the first program cycle.
2. The display will show symbols for ON time () and OFF time ().
3. Use the **MIN** and **HOUR** buttons to set the desired ON time for the current program cycle.
4. Press the **PGM** button again to move to the OFF time setting for the same cycle. Use **MIN** and **HOUR** to set the desired OFF time.
5. Press the **DAY** button to select the day(s) for this program cycle. The ▲ symbol will cycle through the following options:
 - Single day (MO, TU, WE, TH, FR, SA, SU)
 - All weekdays (MO TU WE TH FR SA SU)
 - Weekdays (MO TU WE TH FR)
 - Weekend (SA SU)
 - Working days (MO TU WE TH FR SA)
 - Return to single day selection
6. After setting the day(s), press the **PGM** button to save the current program cycle and move to the next program cycle (e.g., '2').
7. Repeat steps 3-6 to program up to 10 ON/OFF cycles.
8. To exit programming mode, press the **PGM** button until the current time is displayed again.

4.2. Cancelling a Program

To cancel a specific program cycle:

1. Enter programming mode by pressing the **PGM** button.
2. Press the **PGM** button repeatedly until the program cycle you wish to cancel is displayed.
3. Press the **DAY** button to reset the displayed program cycle to 0:00. This effectively cancels it.
4. Exit programming mode by pressing **PGM** until the current time is displayed.

4.3. Digital Timer Status (ON/OFF/AUTO)

The timer has three operating modes:

- **ON Mode:** The timer is continuously ON. Connected appliances are always powered.
- **OFF Mode:** The timer is continuously OFF. Connected appliances are not powered and will not function.
- **AUTO Mode:** The timer operates according to the programmed ON/OFF cycles. It will turn ON/OFF automatically based on your schedule.

To select the timer status, repeatedly press the **ON/OFF** button until the ▲ symbol is positioned next to the desired status (ON, AUTO, or OFF) on the display.



Figure 4.1: The VELAMP SH005 programmer can control various household appliances.

5. TECHNICAL SPECIFICATIONS

Model Number	SH005
Power Supply	220V~, 50-60Hz
Max Current	16A
Max Power	3600W
Internal Battery	AG6 (LR920)
Dimensions (L x W x H)	7 x 6.2 x 10.2 cm
Weight	140 g
Usage Environment	Indoor use only

6. SAFETY INFORMATION

- This device is designed for indoor use only. Do not expose it to water or high humidity.
- Do not exceed the maximum load capacity of 3600W (16A). Overloading can cause damage to the device and connected appliances, and may pose a fire hazard.
- Ensure the device is properly plugged into a grounded electrical outlet.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Keep out of reach of children.
- Unplug the device from the wall outlet before cleaning. Clean only with a dry cloth.

7. TROUBLESHOOTING

If you encounter issues with your VELAMP SH005 Digital Weekly Programmer, consider the following:

- **Display is blank or not responding:** Check if the programmer is properly plugged into a live outlet. The internal battery might be depleted; allow the unit to charge for a few hours while plugged in.
- **Programmed cycles are not activating:** Ensure the timer is set to **AUTO** mode. Verify that the current day and time are set correctly. Double-check your programmed ON/OFF times and selected days.
- **Appliance is not turning ON/OFF:** Confirm the appliance itself is functional and properly connected to the programmer. Ensure the programmer is receiving power.
- **Difficulty setting time/programs:** Refer to sections 3.2 and 4.1. Ensure you press and hold buttons for the specified duration (e.g., 3 seconds for DAY button) to enter setting modes. Press **PGM** to confirm settings and exit modes.

If problems persist, contact customer support for further assistance.