Virone DT-1(GS)

Virone DT-1(GS) Digital Timer Instruction Manual

Model: DT-1(GS)

INTRODUCTION

Thank you for choosing the Virone DT-1(GS) Digital Timer. This manual provides detailed instructions for the safe and efficient operation of your device. Please read this manual thoroughly before use and retain it for future reference. This timer is designed for the German market and features a Schuko plug.

PRODUCT OVERVIEW

The Virone DT-1(GS) is a versatile digital timer with an LCD screen, offering 16 programmable ON/OFF settings to automate your electrical appliances. It features a built-in rechargeable battery to retain settings during power outages.

Figure 1: Front view of the Virone DT-1(GS) Digital Timer. This image displays the timer's LCD screen, showing the current time (08:30) and day (TU for Tuesday), along with indicators for program status (PROGRAM 1 ON OFF). Below the screen are the control buttons: SET, CLOCK, PROG, and UP, with an OK/RESET button in the center.

Figure 2: Detailed LCD display of the Virone DT-1(GS) Digital Timer. This image shows all possible segments of the LCD screen illuminated, indicating the various functions and display options available, such as days of the week (MO TU WE TH FR SA SU), AM/PM, ON/OFF, AUTO, RANDOM, SUMMER, and COUNTDOWN modes. This helps in understanding the full capabilities of the display.

VIRONE

OK   RESET   CLEAR

SET   CLOCK   PROG   UP

Figure 3: Side profile of the Virone DT-1(GS) Digital Timer. This image provides a view of the timer's depth and the design of its Schuko plug, which is suitable for German electrical outlets.

VIRONE

TIMER   DT-1(GS)
(Programator)
Voltage (zasilanie): ~230V, 50Hz
Max load power (max obciążenie): 3680W
Max. load current (max. natężenie): 16A
Accurancy (dokładność): +/- 2%

CE

Made in PRC for **ORNO-LOGISTIC Sp. z o.o.**
ul. Rolników 437, 44-141 Gliwice, POLAND

Bt.no: 1/06/2021

VIRONE
DO NOT REMOVE
NIE ZRYWAĆ!
21/06/2021

Figure 4: Back view of the Virone DT-1(GS) Digital Timer. This image clearly shows the product label, which includes important specifications such as voltage (230V, 50Hz), maximum load power (3680W), maximum load current (16A), and accuracy (+/- 2%). The CE marking and manufacturer information are also visible.

SETUP

1. Initial Charge and Reset

Before first use, plug the timer into a wall socket for approximately 5-10 minutes to charge its internal battery. This battery retains your settings during power outages. After charging, use a pointed object (like a pen tip) to press the **RESET** button (small red dot next to OK) to clear all previous settings and ensure proper operation.

2. Setting the Current Time and Day

1. Press and hold the **CLOCK** button.
2. While holding **CLOCK**, press the **PROG** button repeatedly to select the current day of the week (MO, TU, WE, TH, FR, SA, SU).
3. While holding **CLOCK**, press the **SET** button repeatedly to set the current hour.
4. While holding **CLOCK**, press the **UP** button repeatedly to set the current minute.
5. Release the **CLOCK** button. The time and day are now set.

OPERATING INSTRUCTIONS

1. Programming ON/OFF Cycles (16 Programs)

The timer allows you to set up to 16 different 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 **PROG** repeatedly to select the desired day(s) for this program. Options include individual days, weekdays, weekends, or all days.
3. Press **SET** to set the hour for the "ON" time.
4. Press **UP** to set the minute for the "ON" time.
5. Press **PROG** again. The display will show "1 OFF".
6. Repeat steps 2-4 to set the day(s), hour, and minute for the "OFF" time.
7. Continue pressing **PROG** to set subsequent programs (2 ON, 2 OFF, etc.) up to 16 programs.
8. To exit programming mode, press the **CLOCK** button.

2. Manual Override Modes (ON/AUTO/OFF)

Press the **SET** button repeatedly to cycle through the operating modes:

- **AUTO ON:** The timer will follow your programmed ON times.
- **AUTO OFF:** The timer will follow your programmed OFF times.
- **ON:** The connected appliance will remain continuously ON, overriding all programs.
- **OFF:** The connected appliance will remain continuously OFF, overriding all programs.

For automatic operation based on your programs, ensure the timer is set to **AUTO ON** or **AUTO OFF**.

3. Countdown Function

The countdown function allows you to set a specific duration after which the timer will switch the connected appliance ON or OFF. This function can be complex to set up initially.

1. Press and hold **PROG** and **UP** simultaneously to enter countdown setting mode. The display will show "COUNTDOWN".
2. Press **SET** to adjust hours, **UP** to adjust minutes, and **PROG** to adjust seconds for the countdown duration.
3. Press the **CLOCK** button (which also functions as OK) to confirm the duration.
4. Press **SET** to toggle between ON (appliance turns ON after countdown) or OFF (appliance turns OFF after countdown).
5. Press the **CLOCK** button to start the countdown.
6. To cancel an active countdown, press the **CLOCK** button, then press **SET** until the countdown display disappears or shows "OFF".

Tip: If you only want to use a single countdown setting, ensure the second countdown setting (if prompted) is set to 0 hours, 0 minutes, 0 seconds, and OFF.

4. Random Function

The random function activates and deactivates the connected appliance at irregular intervals, typically used for security purposes when away from home.

- Press the **PROG** button repeatedly until "RANDOM" appears on the display.
- The timer will now switch ON and OFF randomly within a certain time window (e.g., 10-30 minutes ON, then 10-30 minutes OFF).
- To deactivate, press **PROG** again until "RANDOM" disappears.

5. Summer Time Function

This function allows for a quick adjustment for daylight saving time.

- Press and hold the **CLOCK** button, then press the **SET** button. The display will show "SUMMER" and the time will advance by one hour.
- Repeat the action to revert to standard time.

MAINTENANCE

The Virone DT-1(GS) Digital Timer requires minimal maintenance.

- **Cleaning:** Wipe the timer with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Battery:** The internal rechargeable battery is designed for long-term use and typically does not require replacement. Ensure the timer is occasionally plugged into a live socket to keep the battery charged.
- **Storage:** Store the timer in a cool, dry place when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer display is blank or dim.	Internal battery is discharged.	Plug the timer into a live wall socket for 5-10 minutes to charge the battery.
Programs are not activating.	Timer is not in AUTO mode. Incorrect program settings.	Ensure the timer is set to **AUTO ON** or **AUTO OFF**. Double-check your program settings for correct times and days.
Countdown function is difficult to set or doesn't work.	Incorrect sequence or confirmation.	Follow the countdown instructions carefully. Ensure you press the **CLOCK** button to confirm duration and start. If prompted for a second setting, set it to 00:00:00 OFF.
Timer is unresponsive or behaving erratically.	Temporary software glitch.	Perform a full reset by pressing the **RESET** button with a pointed object. Note that this will erase all settings.

SPECIFICATIONS

- **Brand:** Virone
- **Model Number:** DT-1(GS)
- **Voltage (Power Supply):** ~230V, 50Hz
- **Maximum Load Power:** 3680W
- **Maximum Load Current:** 16A
- **Accuracy:** +/- 2%
- **Number of Programs:** 16
- **Item Weight:** 250 Grams
- **Package Dimensions:** 15.9 x 8.3 x 8.3 cm

WARRANTY AND SUPPORT

Specific warranty information is not provided in this manual. For warranty claims or technical support, please refer to the retailer where you purchased the product or contact Virone customer service directly. Keep your proof of purchase for any warranty-related inquiries.