

## Intermatic DT122K

# Intermatic DT122K Digital Indoor Timer

Model: DT122K

Brand: Intermatic

## INTRODUCTION

The Intermatic DT122K is a heavy-duty indoor 7-day digital plug-in timer designed for automated control of electrical devices. It offers flexible programming options, including 24-hour or 7-day schedules, and features an astronomic function for automatic sunrise/sunset adjustments. The timer is equipped with dual grounded outlets and a built-in rechargeable lithium-ion battery for program retention during power outages.

This manual provides detailed instructions for setting up, programming, operating, and maintaining your DT122K timer.

## SAFETY INFORMATION

Always read and understand all instructions before installing or using this timer. Failure to follow instructions could result in fire, electric shock, or injury.

- For indoor use only.
- Do not exceed electrical ratings: 15A, 125VAC, 60Hz.
- Do not use with appliances that could cause unsafe conditions if left unattended (e.g., heating appliances, power tools).
- Ensure the timer is securely plugged into a grounded outlet.
- Keep away from water and moisture.
- Do not disassemble or attempt to repair the timer. Refer servicing to qualified personnel.

## SETUP AND INITIAL CONFIGURATION

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This section guides you through the initial setup of your Intermatic DT122K timer. For a visual guide, please refer to the official setup and programming video below.

Official Intermatic video demonstrating the setup and programming of the DT122K Digital Indoor Timer. This video covers setting the current time, date, astronomic zone, and programming ON/OFF events.

### 1. Setting Year, Month, and Day

1. Press the **TIME** button. The year indicator will flash.
2. Use the **+** or **-** buttons to set the current year.
3. Press the **TIME** button again to advance to the month setting. Use **+** or **-** to select the current month.
4. Press the **TIME** button again to advance to the day setting. Use **+** or **-** to select the current day of the month.

### 2. Daylight Saving Time (DST) Adjustment

5. Press the **TIME** button to access the DST screen.
6. Use the **+** or **-** buttons to select between 'OFF' (manual DST) or 'AUTO' (automatic DST adjustment). 'AUTO' is recommended for automatic changes in spring and fall.

### 3. Setting Current Time (Hour and Minute)

7. Press the **TIME** button to access the clock setting screen. The hour digits will flash.
8. Use the **+** or **-** buttons to set the current hour, paying attention to AM/PM.
9. Press the **TIME** button to set the minute. The minute digits will flash.
10. Use the **+** or **-** buttons to set the current minute.

### 4. Setting Astronomic Zone and Sunrise/Sunset Times

The timer features an astronomic function that automatically adjusts to daily sunrise/sunset changes based on your geographical zone. You can fine-tune these times if needed.



An image illustrating the key features of the Intermatic DT122K timer, including its full 7-day programming, astronomic dusk to dawn functionality, up to 7 on/off events, automatic daylight saving time adjustments, random mode for security, built-in rechargeable battery backup, and two grounded outlets that plug directly into the wall.

11. Press the **TIME** button to select your astronomic zone (NORTH, CENTRAL, or SOUTH). Refer to the map in your printed manual for your region.
12. Press the **TIME** button to access the AM sunrise time screen. The sunrise time for your selected zone will be displayed.
13. Use the **+** or **-** buttons to adjust the sunrise operating time (up to  $\pm 2$  hours) to match your local sunrise time. Press **RESUME** to return to the original sunrise time.
14. Press the **TIME** button to access the PM sunset time screen. The sunset time for your selected zone will be displayed.
15. Use the **+** or **-** buttons to adjust the sunset operating time (up to  $\pm 2$  hours) to match your local sunset time. Press **RESUME** to return to the original sunset time.

## OPERATING INSTRUCTIONS (PROGRAMMING)

The DT122K allows for up to 7 ON/OFF programmed events. Programmed events affect both outlets simultaneously.

## 1. Programming ON Events

1. From the main time display, press the **PROGRAM** button. The display will show dashes for the first ON program.
2. Press the **TIME** button to set the ON event. The day(s) of the week will flash.
3. Use the **+** or **-** buttons to select the day(s) for the ON event. Options include individual days (MO, TU, WE, TH, FR, SA, SU), every day (MO TU WE TH FR SA SU), weekdays (MO TU WE TH FR), or weekends (SA SU).
4. Press the **TIME** button to advance to the hour setting.
5. Use the **+** or **-** buttons to set the desired ON hour. You can also select 'SUNRISE' or 'SUNSET' by pressing the **-** button past midnight.
6. Press the **TIME** button to advance to the minute setting.
7. Use the **+** or **-** buttons to set the desired ON minute.

## 2. Programming OFF Events

8. After setting the ON event, press the **PROGRAM** button to advance to the OFF time setting for the same program. The display will show dashes.
9. Press the **TIME** button to set the OFF event. The day(s) of the week will flash.
10. Use the **+** or **-** buttons to select the day(s) for the OFF event (same options as ON events).
11. Press the **TIME** button to advance to the hour setting.
12. Use the **+** or **-** buttons to set the desired OFF hour. You can also select 'SUNRISE' or 'SUNSET' by pressing the **-** button past midnight.
13. Press the **TIME** button to advance to the minute setting.
14. Use the **+** or **-** buttons to set the desired OFF minute.

## 3. Setting Multiple Programs

To set additional programs (up to 7), repeat steps 1-14. After setting an OFF event, pressing **PROGRAM** will advance to the next available program slot.

## 4. Manual Override and Random Mode

All modes affect both outlets.

- From the main time display, press the **MODE** button to cycle through operating modes:
- **ON**: Timer is continuously ON.
- **OFF**: Timer is continuously OFF.
- **AUTO**: Timer operates according to programmed ON/OFF events and astronomic settings.
- **RDM (Random)**: Timer operates in AUTO mode, but varies the programmed ON/OFF times by  $\pm 15$  minutes each day for enhanced security, giving a "lived-in" appearance.

## MAINTENANCE

The Intermatic DT122K timer includes a built-in rechargeable lithium-ion battery. This battery retains

date and time settings for a minimum of 7 days in the event of a power failure, ensuring your programs are not lost.

- No user-serviceable parts inside. Do not attempt to open the timer casing.
- Clean the exterior of the timer with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure the timer is unplugged before cleaning.

## TROUBLESHOOTING

If you experience issues with your Intermatic DT122K timer, try the following steps:

- **No Display/No Power:** Ensure the timer is securely plugged into a live, functioning outlet. Check the circuit breaker.
- **Programs Not Running:** Verify the timer is set to 'AUTO' or 'RDM' mode. Check that the current time and date are set correctly. Ensure the programmed ON/OFF times are valid and not conflicting.
- **Resetting the Timer:** If the timer becomes unresponsive or displays erratic behavior, locate the small 'RESET' button (often recessed) and press it firmly with a non-metallic pointed object (like a toothpick). This will clear all settings and require re-programming.
- **Incorrect Sunrise/Sunset:** Double-check your selected astronomic zone (NORTH, CENTRAL, SOUTH) and adjust the sunrise/sunset offset if necessary.

If problems persist after attempting these steps, please contact Intermatic Technical Support.

## SPECIFICATIONS

Brand	Intermatic
Model Number	DT122K
Color	White
Electrical Rating	15A, 125VAC, 60Hz
Product Dimensions	2.5"D x 5"W x 6.75"H
Item Weight	0.317 ounces
Number of Settings	7 On/Off Programs
Battery	1 Lithium Ion battery (included)
Special Features	Astronomic Feature, Automatic DST Adjustment, Random Mode



A clear image of the Intermatic DT122K timer with its physical dimensions (height, width, depth) clearly marked for reference.

## WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Intermatic website.

### Technical Support

If you have any questions or require assistance with your Intermatic DT122K timer, please contact Technical Support:

- **Phone:** (815) 675-7000
- **Hours:** Monday - Friday, 8:00 AM - 4:30 PM CST

- **Email:** [TechSupport@Intermatic.com](mailto:TechSupport@Intermatic.com)