

# Timer Clocks

All Philips Dynalite timer clocks are true astronomical 365 day clocks with sunrise/sunset tracking, automatic daylight saving adjustment and powerful macro and conditional logic functions. The timer clock interfaces with other devices over the DyNet RS485 network to automate tasks and trigger timed based events. It may be used as an energy management controller or simply to select scenes at preset times of the day or week. The timer clock is powerful enough to provide full automation of a large commercial project and can be programmed with events that automatically run at the specified time.

A typical application would entail automatically adjusting lighting levels throughout the day within a restaurant for breakfast, lunch, dinner, evening entertainment and cleaning, using long fade time to ensure a disruption free and smooth work cycle. If required, a local button press on a panel can override the pre-programmed events until the next timed event occurs.

In energy management applications, the timer clock can set the operating mode of other devices, such as Philips Dynalite sensors' motion time-out, so that in afterhours a shorter time-out can be set, ensuring the lights are not left burning when not required.



## DTC602 & DTCE602 – Timer Clock

The DTC602 can be programmed and operated remotely via a PC or via the front panel LCD display and keypad, which incorporates a PIN password to prevent unauthorised adjustment.

The DTC602 can be used to make programming changes to a Philips Dynalite system without the use of a computer. The LCD display will help guide the user step by step through the programming task. Information such as channel, area and preset scene names are automatically uploaded from the network to assist in programming. It can be used in conjunction with standard control panels to access preset scenes that are not commonly used or that require protection from accidental selection. The device is available in Aus/US (DTC) & UK/Euro (DTCE) mounting configurations.

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logic functions. The timer clock interfaces with other devices over the DyNet RS485 network to automate tasks and events. It may be used as an energy management controller or simply to select scenes at preset times of the day or week. The DTC602 is powerful enough to provide full automation of a large commercial project and can be programmed with events that automatically run at the specified time.

In energy management applications, the timer clock sets the operating mode of other devices, such as Philips Dynalite DUS704 sensors, to give priority to either IR, PIR or PE facilities, depending on the time of day or day of week.



- Controls 255 areas, 255 channels per area, 96 scenes per area, 250 events, 16 tasks (sequences)
- Fade times from instant to 20 minutes
- Each event selective of the time and number of active days in a week
- Sunrise and sunset & daylight saving capability
- Complex sequencing control of lighting
- Password (PIN) locking of panel for security
- Supported by PC software, for easy configuration allowing local override of lighting levels
- Real timer clock with battery backup
- Large LCD screen for monitoring
- Utilises EEPROM memory for 100 year memory life without power
- Available in the two standard international mounting configurations:
  - DTC602 H 115mm x W 164mm x D 24mm (Aus/US Mounting Configuration)
  - DTCE602 H 86mm x W 146mm x D 24mm (UK/Euro Mounting Configuration)
- Packed weight: 0.2kg

## DDTC001 – Timer Clock

The DDTC001 is a tamper-resistant DIN rail mounted embedded timer clock. All functions are programmed via a PC and there are no external controls available, preventing disruption to device operation.

The DDTC001 features an astronomical 365 day timer clock with sunrise/sunset tracking, automatic daylight saving adjustment and powerful macro and conditional logic functions.

The timer clock interfaces with other devices over the DyNet RS485 network to automate tasks and events and may be used as an energy management controller or simply to select scenes at preset times of the day or week.

The DDTC001 is powerful enough to provide full automation of a large commercial project and can be programmed with events that automatically run at the specified time.

The timer clock forms part of a powerful energy management system when used in conjunction with other Philips Dynalite devices. For instance, when used to set the operating mode of the Philips Dynalite DUS704 universal sensors, the timer clock can give priority to infra-red, PIR or PE capability, depending on the time of day or day of week, ensuring that energy is not used unnecessarily. The DDTC001 is programmed remotely via a PC and will operate autonomously even if the PC is disconnected.

