

7 Day Programmable Digital Timer – TS256

IMPORTANT - Please read the instructions fully before attempting installation.

This unit should be installed to current IEE wiring regulations.

- Timer must not be mounted on a flammable surface.
- Ensure that the timer does not come into contact with any combustible material such as towels or bedding.
- Ensure at least a 300mm airspace is allowed around the timer.
- The timer should not be mounted on an unearthed metal or metallised surface.
- If the timer is to be connected to an appliance that is required to be earthed. The supply earthing conductor and the appliance earthing conductor should be terminated together in the earth terminal provided within the timer.

Installation

1. Switch off electric at the mains.
2. Prepare cable ends for connection to the terminals.
3. Remove the 1 screw holding the timer switch terminal cover. **DO NOT INTERFERE WITH ANY OF THE FIXED CONNECTIONS.**
4. Connect all earth wires to earthing points.
5. Wire timer in accordance to wiring diagram on the unit.
6. Use lower screw hole to secure unit to wall plus the mounting hole on rear of unit.
7. Carefully replace terminal cover ensuring all wires are stowed neatly and not trapped.
8. Replace screw and tighten.

Wiring Connections

Ensure the earth to the switched appliance is maintained. Timer to be wired in accordance with wiring diagram on unit. Any electrical work should be carried out by a qualified electrician.

Keyboard Definitions

1. RESET: Clears all data in memory including current time and all programs.
2. CLOCK: Set current time combined with buttons WEEK, HOUR, MINUTE. Activate or cancel summertime function.
3. PROG: Set programs combined with buttons WEEK, HOUR, MINUTE. Select 12- or 24-hour mode combined with button CLOCK.
4. MANUAL: Select operating modes of timer.
5. WEEK: Set week combined with button CLOCK or PROG.
6. HOUR: Set hour combined with button CLOCK or PROG.
7. MINUTE: set minute combined with button CLOCK or PROG.
8. RST/RCL: Override program or recall the overridden program.

General Features

1. 20 ON/OFF programs with 1 minute gap.
2. MANUAL ON/AUTO/MANUAL OFF selectable.
3. Large LCD display.
4. Summertime function.
5. 15 Combinations of day or blocks of days available as follows:
 - MO, TU, WE, TH, FR, SA, SU
 - MO
 - TU
 - WE
 - TH
 - FR
 - SA
 - SU
 - MO, TU, WE, TH, FR,
 - SA, SU
 - MO, TU, WE, TH, FR, SA
 - MO, WE, FR
 - TH, FR, SA
 - MO, TU, WE
 - FR, SA, SU

Initial Operations

1. Once wired the unit may require a period to charge the memory battery backup.
2. Clear all current information by pressing the RESET button with a sharp object just as a pen or pencil after charging.

3. The timer is now ready to be set up for use.

Setting Current Time

1. Press CLOCK button and hold, simultaneously press WEEK button until the correct day is displayed. Continue by pressing HOUR or MINUTE button until the correct hour and minute is displayed. When setting the buttons WEEK, HOUR or MINUTE can be held down for rapid forward counting.
2. Release both buttons. The week and time will now be set.
3. To reset an incorrect time, please repeat the above steps.

Setting Programmes

Tip: when verifying your programs ensure that the settings do not overlap, especially when using a block option. If there are program settings overlapping the timer ON or OFF will be executed according to the program time, not by the program number. Program OFF has a priority over program ON.

1. Press PROG button and release. LCD shows ON_1. The first ON setting can now be made.
2. Press WEEK button to set the day or block of days. Set the time by pressing HOUR and MINUTE button.
3. Press PROG button again to finish the first ON setting and enter the first OFF setting. LCD shows OFF_1. By repeating 2 to make the first OFF setting.
4. Press PROG button again to finish the first OFF setting and enter the 2nd ON setting. Repeat 2 and 3 to program remaining settings. Press PROG button and hold for 2 seconds to enter quicker advancing.
5. After complete settings press CLOCK button. The PROG is ready to operate.
 - EXAMPLE: timer on at 17:15 and off at 22:30 every day.
 - a. A press PROG once and release. LCD display ON_1
 - b. Press WEEK until LCD displays "MO, TU, WE, TH, FR, SA, SU"
 - c. Press HOUR until LCD displays 5:00pm or 17:00
 - d. Press MINUTE until LCD display is 5:15pm or 17:15
 - e. Press PROG again and release. LCD displays OFF_1
 - f. Repeat the above b, c and d until LCD displays "MO, TU, WE, TH, FR, SA, SU" 10:30pm or 22:30.

Manual ON/AUTO/MANUAL OFF Setting

Operating modes can

1. Press MANUAL button to revert to the three modes in turn.
2. The programs can only be executed in AUTO mode. When AUTO is selected, the PROG operates as the programs. In MANUAL ON or MANUAL OFF mode all programs are ignored, and the PROG does not operate. When MANUAL ON is selected the power output is always ON. When MANUAL OFF mode is selected the power, output is permanently off.
3. When the mode is turned from MANUAL ON to AUTO, the timer will keep the settings of the MANUAL ON until the next PROG setting.

Summertime Function

Press CLOCK button and hold for 5 seconds to turn the display between +1H (Summertime) and normal mode.

Technical Information

Voltage	230v AC, 50Hz
Max Load	3000w/16A Resistive Load. Max 480w/2A Inductive Load
Min Setting Time	1 Minute
Accuracy	+/- 1 Minute per month
Battery Backup	NiMH 1.2v >100 Hours

UKCA/CE Information

CE and UKCA Certification – Certified and Marked

Guarantee

This 7-day timer is guaranteed for a period of 1 year from date of purchase.

Disposal

This 7-day timer is not suitable for disposal as or with household items and as a result it should be taken to a local recycling centre.

Please retain for future reference

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