

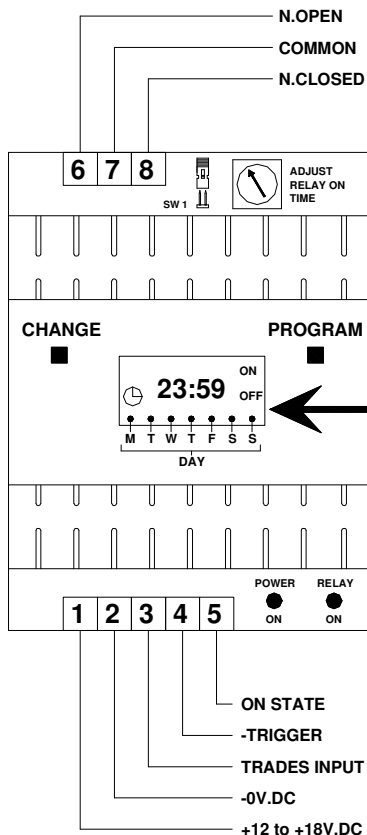
BPT UK TRADESMAN TIMER – TT/2

The timer is a fully programmable 7 day time clock and is primarily intended to provide inhibit and enable periods for Tradesman push button on all BPT Video and Audio Entry Systems.

The delay 'on' to lock release, provided by clean changeover contact from the TT/2, can be varied from 2 to 5 seconds. The provision of N/O or N/C contacts allows connection of virtually any configuration of lock release.

Facilities

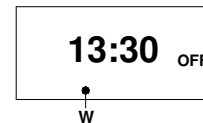
- 6 ON – 6 OFF Weekdays and for both Saturday and Sunday.
- Adjustable delay 'On Time' to door release 2 to 15 seconds.
- 2 override inputs allowing operation even if time clock is in OFF state.
- 1000 hour reserve in the event of mains failure.
- Clean C/O output – rated 5 amp @ 240vAC (2A if load is inductive).



NOTE:
THE RELAY CONTACTS OF THE TT/2
DIFFER FROM THE TT/1

TIME OF DAY STATE

Set for example at 13:30pm
Wednesday and program time is **OFF**



← **SHOWING FULL
DISPLAY DETAIL**

Ensure the timer is at this state
after programming, with only the
2 dots between hour & minutes
flashing.

Important notes:

- For systems with 2 or more entry panels, ensure SW1 is 'ON'.
- For straight time clock operation link pins 4 & 5.
- To preserve battery life it is not recommended that this unit remain disconnected for a charging source for a period of more than six months.

TESTS

ENSURE THE DISPLAY IS AT THE 'TIME OF DAY' STATE AS SHOWN ABOVE WITH RED LED ON, TIME CLOCK PROGRAMMED AND NOW 'ON' IN THE DISPLAY.
(Press CHANGE to alter state from OFF to ON if necessary).

1. Momentarily short out terminals 1 to 3 **OR** call from entry panel if connected as diagrams. Green LED should come on for set duration. Adjust potentiometer for delay required.
2. Press change button and put time clock to 'OFF' state. Carry out item 1 above again. Green LED should not come on. Momentarily short out 2 to 4. Green LED should come on for set duration.
3. Put time clock to 'ON' state.
4. Short out 4 to 5. Green LED should stay on for as long as the short remains.

PROGRAMMING THE TIME CLOCK

- Only program the ON/OFF time slots you require. DO NOT program 0's or any other digits into ON/OFF positions unused.
e.g. if you require 06:30 ON - 08:30 OFF MON to SUN, use only the first ON/OFF time slot.
- Carry out a full Reset to start programming. This will delete all previously programmed times and set the 'time of day' to 0: 00.

RESET PROCEDURE

PRESS & HOLD BOTH BUTTONS



WHEN DISPLAY BLANKS
RELEASE BOTH BUTTONS

AFTER A TEST DISPLAY,
DISPLAY SHOULD SHOW



FLASHING

YOU ARE NOW IN THE PROGRAM MODE
CARRY OUT PROGRAMMING WITHIN 1 MINUTE
OR THE DISPLAY WILL REVERT TO:



SET DAY & REAL TIME (e.g. Wednesday 11:30 am)

PRESS CHANGE TO
SET THE DAY



& DOT FLASHING
START PROGRAMMING THE ON / OFF TIMES WITHIN 1 MINUTE.

PRESS PROGRAM TO SELECT
THE HOUR, PRESS CHANGE
TO SET THE HOUR.



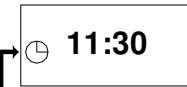
& HOUR FLASHING

PRESS PROGRAM TO SELECT
THE MINUTES, PRESS CHANGE
TO SET THE MINUTES.



& MINUTES FLASHING

DISPLAY SHOULD NOW
SHOW AS UNDER:



MINs STILL FLASHING

SET 1ST ON TIME FOR ALL 7 DAYS (e.g. 6:30 am Mon - Sun)

PRESS PROGRAM TO
SELECT THE 1st ON TIME



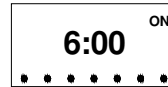
ON & DOTS FLASHING

PRESS CHANGE TO SELECT
ALL DAYS.



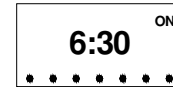
ALL 7 DOTS & ON FLASHING

PRESS PROGRAM TO SELECT
HOUR, PRESS CHANGE TO
SET THE HOUR.



6 FLASHING

PRESS PROGRAM TO SELECT
MINUTES, PRESS CHANGE TO
SET THE MINUTES.



30 FLASHING

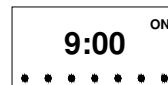
PRESS PROGRAM TO PROCEED TO 'SET OFF TIME' NOTE THAT THE ALL DAYS WILL NOT FLASH.

SET 1ST OFF TIME (e.g. 9:00am Mon - Sun)

WHEN PRESSING PROGRAM -
ON WILL CHANGE TO OFF,
BUT NOTE THAT THE DOTS
MON - SUN DO NOT FLASH.

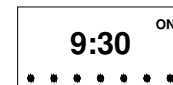
THE DAYS FOR THE OFF STATE
WILL REMAIN AS SET FOR THE
ON STATE ABOVE.

PRESS PROGRAM TO SELECT
HOUR, PRESS CHANGE TO
SET THE HOUR.



9 FLASHING

PRESS PROGRAM TO SELECT
MINUTES. CHANGE OR LEAVE
THE MINUTES IF REQUIRED.



00 FLASHING

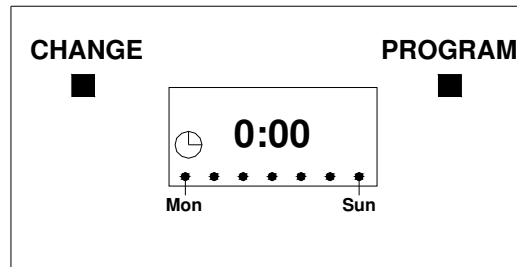
CONTINUE PRESSING PROGRAM & CHANGE TO SET ANY OTHER ON/OFF PROGRAMS.

- TO REVIEW THE SET PROGRAMS, OR TO RETURN SPEEDILY TO THE REAL TIME STATE, HOLD PROGRAM BUTTON DOWN UNTIL THE PREVIOUSLY PROGRAMMED REAL TIME APPEARS & STOPS, THEN RELEASE PROGRAM BUTTON.
- AT THE REAL TIME & DAY DISPLAY, THE CHANGE BUTTON WILL OVERRIDE THE OFF TO ON & VICE VERSA.
- ENSURE THE TIMER IS LEFT AT THE REAL TIME DISPLAY, BUT IN ANY EVENT IT WILL REVERT TO THIS AFTER 1 MINUTE OF INACTIVITY ON THE 2 PUSH BUTTONS.

BPT UK TRADESMAN TIMER – TT/2 PROGRAMMING

POSSIBLE 6 ON – 6 OFF TIMES OVER 7 DAYS

Hold down both the **PROGRAM** and **CHANGE** buttons until the display blanks, then release. Display will eventually show as indicated on drawing.



SETTING THE CORRECT DAY & TIME

Press **CHANGE** button to set day of week MON – SUN
(Indicated by dots left to right as MON – SUN)
Press **PROGRAM**
Press **CHANGE** button to set the current hour
Press **PROGRAM**
Press **CHANGE** button to set the current minutes
Press **PROGRAM**

SETTING 1st ON TIME

Press **CHANGE** until 7 dots appear
(This will enable on time for all 7 days of week, continue pressing **CHANGE** if you only require MON-FRI)
Press **PROGRAM**
Press **CHANGE** to set the on time e.g. 6:00
If minutes are not required – press **PROGRAM** again, otherwise press **CHANGE** to alter the minutes
Then press **PROGRAM**

SETTING 1st OFF TIME

Press **CHANGE** to set the off time e.g. 9:00
If minutes are not required – press **PROGRAM** again, otherwise press **CHANGE** to alter the minutes
Then press **PROGRAM**

Set any further ON / OFF times as required.

Note – the day dots can only be set at the on time setting – not the off

After all ON / OFF times are programmed, press **PROGRAM** until the correct day / time is reached as previously set.

The display will in any event reset itself to this state after 60 seconds of non-use of push buttons.