

# RWB30E Timeswitch

## User Instructions

### Introduction

The RWB30E is an advanced daily timeswitch combining the benefits of electronic reliability and ease of use with mechanical dial operation. Please take time to read these operating instructions carefully.

For installation see the enclosed instructions.

### Features

- Up to 2 ON/OFF periods per day.
- ADVANCE feature to bring forward the next ON or OFF period as required.
- BOOST feature to give an immediate 1 hour ON period at any time.
- Remembers last condition (ie ON or OFF) in the event of power failure.
- Volt free contacts suitable for combination boilers.

### Factory Settings

Before leaving the factory your RWB30E was programmed to switch your system ON and OFF at the following times:

ON at 6.00 a.m.      OFF at 8.30 a.m.  
ON at 4.30 p.m.      OFF at 10.30 p.m.

To activate this base programme:

Set clock dial to correct time. See **Adjusting the Clock (Dial Time)**.

### Operating Controls

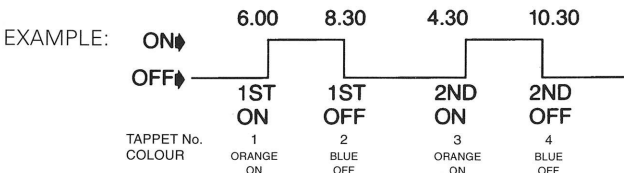
All controls for daily use are located on and to the right hand side of the dial.

### Setting the Switching Programme

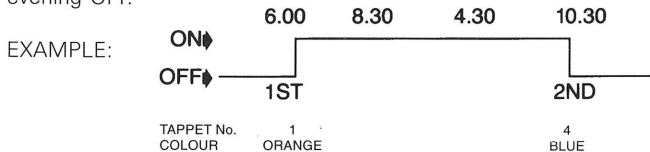
To make your selection slide the selector so that the vertical mark is pointing to the desired position as below.

**OFF** — Continuously OFF.

**TWICE** — The unit will switch ON and OFF according to the morning and evening settings.



**ALL DAY** — The unit will switch ON at the morning ON and OFF at the evening OFF.



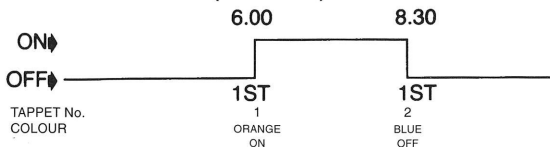
**CONSTANT** — Continuously ON

When the unit is in an 'ON' mode as above the LED lights for each circuit will be on.

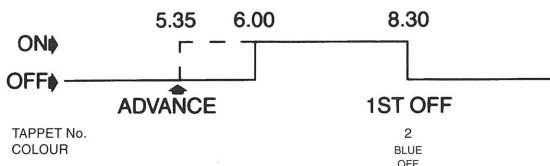
### Using Override (Advance)

To advance the programme, that is to bring forward the next ON or OFF period as shown in the example below, press the override button.

EXAMPLE: **WITHOUT (OVERRIDE) ADVANCE**



EXAMPLE: **WITH (OVERRIDE) ADVANCE AT 5.35 AM**

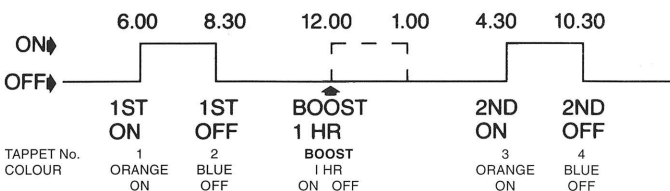


### Using Boost

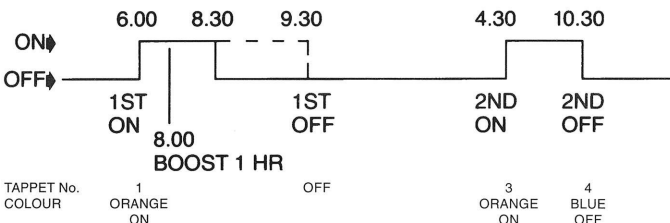
**BOOST** Pressing this button once brings the unit ON for 1 hour. To activate **BOOST** push the **BOOST** button.

**NB** This feature operates in OFF, ONCE and TWICE modes only.

EXAMPLE: **BOOST PRESSED AT 12.00**



EXAMPLE: **BOOST PRESSED AT 8.00**



### Adjusting the Clock (Dial Time)

To set the clock to the correct time of day rotate the dial clockwise as shown by the arrow so that the correct time is adjacent to the raised line with time written against it. Please note the dial is a 24 hour dial with times shown numerically at two hour intervals and bars for hours between.

**NB** Do not rotate the dial anti-clockwise as this could cause damage to the mechanism.

### Changing the ON/OFF Times

The RWB30E is supplied with factory settings (See **Factory Settings**) which will operate unless you change the set times:

If you wish to change the factory settings to your own times you can do this easily:

- No 1 tappet (orange) is the first ON during the 24 hour period
- No 2 tappet (blue) is the first OFF during the 24 hour period
- No 3 tappet (orange) is the second ON during the 24 hour period
- No 4 tappet (blue) is the second OFF during the 24 hour period

To set the tappets to your own programme times hold the dial and slide the relevant tappet and rotate it in either direction to your desired time, then rotate dial through a full 24 hour rotation.

**NB** This should be carried out with the programmer connected and power supply switched on to the backplate.

### Power Failure

In the event of a mains power failure do not move the dial until power has been restored. If accidentally the dial has been moved during a power failure then rotate the dial through a full 24 hour rotation before resetting to actual time.