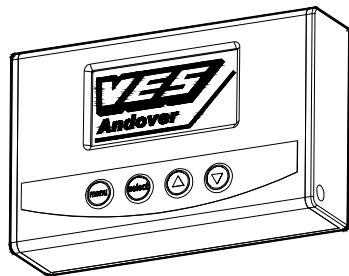


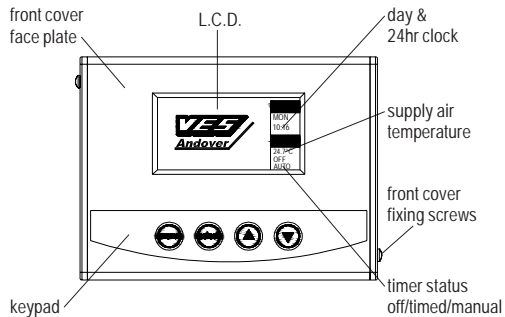
# ECOPLUS Remote

Operating & Installation Manual



ECO-friendly products

## Introduction



The ECOPLUS Remote provides timeclock programming and temperature adjustment to accompany the ECOPLUS range of control panels. The remote has a 4-wire low voltage connection to the control panel and is designed to fit directly onto a single gang flush wall box or for independent surface mounting. The timeclock programming provides 2 ON/OFF times daily, 7 days a week and the unit features a simple 4 button keypad for ease of operation.

This unit is solely designed for use with the ECOPLUS range of control panels and should only be installed by a competent electrician.

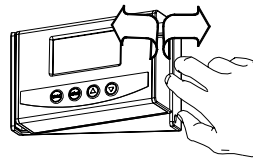
## Installation

### Important !

Isolate electrical supply to this unit before commencing work.

### Mounting:

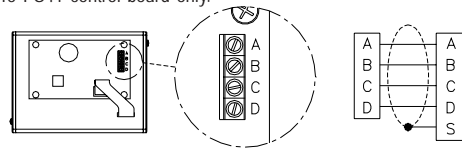
To remove the front cover, take care to gently part the sides of the enclosure (remove the side fixing screws if required). This can be done by hand and tools are not normally required. A variety of fixing positions has been provided for surface mounting, or flush mounting to standard knockout or conduit boxes. Side knockouts have also been provided, for Ø20mm conduit or 16x16 mini trunking. Using the appropriate fixings (not supplied) secure the back plate to a flat surface; use packers to level if necessary.



Ensure that sufficient cable has been pulled through and make the connection as shown below.

### Connection:

To PS41 control board only.







Carefully replace the front cover and secure with the fixing screws provided.

## System set-up

The software has been designed so as to require minimum instructions for set-up

## Keypad buttons

-  steps to the next menu screen
-  confirms the setting for alteration
-  changes the setting press once - single increments press & hold - scrolls
- 

## Real time set-up

On initial start-up, or following a prolonged power failure, set the real time clock. This feature can also be accessed under the timer menu 'system time' for adjustment as necessary.

**NOTE:** manual adjustments must be made for summer/winter daylight saving times.



Scroll up/down for correct day  
press 'Select'  
Scroll up/down for correct time  
press 'Select'  
press 'Menu' to return

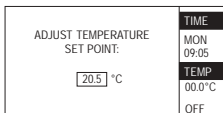
Under normal operation, after 30 seconds of inactivity the remote will revert to the VES logo screen as shown. To access the main menu simply press 'menu'



main menu screen

## Set point temperature set-up

A set point temperature is required for the heat recovery system. This is a target figure for the system and not the room or supply air temperature. An ideal setting for this would be several °C higher than the required room temperature (lower for a cooling system). During commissioning of the unit it may be necessary to adjust this setting to optimise the heat recovery system.



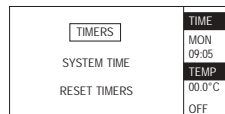
press 'Menu'  
Scroll for temperature icon  
press 'Select'  
Scroll up/down for correct setting  
press 'Select'  
press 'Menu' to return

## Daily timer set-up

7 day set-up, adjustable in 15 minute increments.



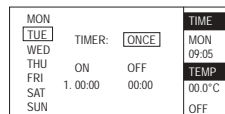
press 'Menu'  
scroll for timer icon  
press 'Select'



scroll up/down for 'TIMERS'  
press 'Select'



scroll up/down for day  
press 'Select'

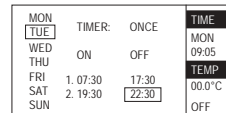


scroll for timer 'ONCE' or 'TWICE' daily settings as required  
press 'Select'



scroll up/down for 1st 'ON' time  
press 'Select'  
scroll up/down for 1st 'OFF' time  
press 'Select'

## Daily timer set-up continued...

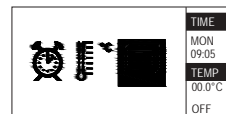


if required, scroll for 2nd 'ON' time  
press 'Select'  
scroll for 2nd 'OFF' time  
press 'Select'  
scroll up/down for next day as required & repeat as before  
press 'Menu' to return

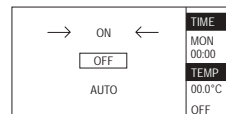
**Note:** To erase all the timer settings select 'RESET TIMERS' and select 'YES'

## Start the program:

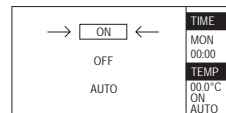
To initiate the daily timer or set to manual 'ON':



press 'Menu'  
scroll for 'system' icon  
press 'Select'



scroll to highlight required position (the arrows indicate current setting)  
press 'Select'



the current status is now highlighted & is indicated on the main screen status display

press 'Menu' to return

## Specifications:

Dimensions (mm): 120(L) x 90(H) x 30(W)  
Operating voltage: SELV  
Cable Type: 4 Core Screened 16/02mm (0.5mm<sup>2</sup>)  
Max Cable Length: 50m  
Battery type: Coin Cell, rechargeable  
65mAh 3V Lithium Manganese  
Shortest switching interval: 15 minutes  
Admissible ambient temperature: -10°C ... 40°C



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