

EPEL9020 Touch-screen Remote

Operating & Installation Manual



Important

This manual must be read in full before Installation, Operation and Maintenance of the units supplied.

This document must be read in conjunction with O&M ID736. Additional copies of this and supporting documents are available by contacting VES or by visiting www.ves.co.uk and following the 'Download O & M's' link.

Warning

Only competent electricians should be allowed to affect any electrical work to our control panels. All electrical connections to any unit must be carried out in accordance with the current edition of the I.E.E. Regulations. No modifications may be made to these units without written authorisation from VES as this will invalidate the unit warranty.

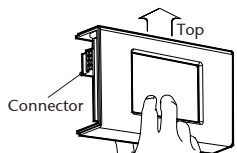
The **EPEL9020** remote utilises touch-screen technology and a user-friendly menu system to allow adjustment and monitoring of temperature, time clock and other functions.

The remote will only be operational after power has been supplied to the control panel, and the isolator has been switched to **ON**.

The screen is touch sensitive and can be initiated by using a fingertip, or a stylus or blunt non-marking implement (i.e. not a ballpoint pen). Do not apply unnecessary force to the screen; it is fragile and excessive force may lead to damage.

For full details regarding the system setup please refer to the full O&M.

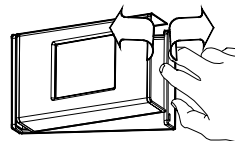
Setup and operation of the control panel can only be made through the touch-screen remote control. The remote should be mounted on a vertical plane (i.e. a wall) and correctly positioned to ensure that the screen can be both read and accessed without difficulty.



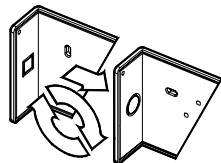
For correct orientation, when looking at the front of the screen, the main connector block on the remote should be on the left-hand side, see above.

Installation

The remote enclosure comprises of two parts to assist installation. The snap-fit construction is secured with two small side screws. To remove the front cover, take care to gently part the sides of the enclosure by hand.



A variety of fixing positions have been provided, for surface or flush mounting. Side knockouts have also been included to suit Ø20mm round PVC conduit, or 16x16mm mini-trunking.



When using the knockout entry, the backplate can be rotated 180° to align the remote to the chosen cable route if required. To remove, gently tap out using a small flat-bladed screwdriver.

Wiring

There are no hazardous voltages involved, however there is a risk of damage to the circuit board if handled or wired incorrectly.

Connection to the remote is made via the connector block on the back of the PCB. This can be separated to assist connection. Cable type should be 4-core screened 16/02mm (0.5mm²) or similar, the cable run should not exceed 50 metres.

Feed the supply cable through the chosen entry in the back plate, ensure there is sufficient cable for proper connection (gland/strain relief supplied by others).

Terminate the cable correctly in the control panel noting the relevant connection positions on the PCB, the connection label and the supporting wiring diagram. Make the connection to the plug and reconnect to the remote connector block. The plug is handed and will only reconnect in the correct way.

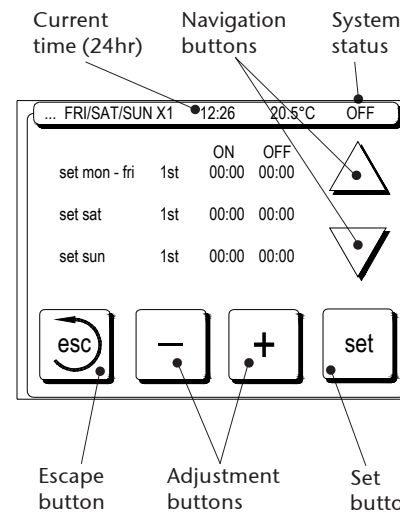
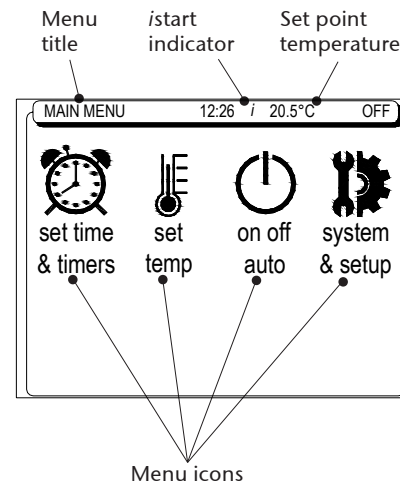
Refit the front cover to the affixed back plate, ensuring any slack cable is safely stowed inside the enclosure. Snap-fit and secure the assembly with the side screws provided.



Start-up alarm display

On initial start-up it is common for an alarm screen to be displayed. For more information see the full O&M.

The screen



Menu icons

Allows the user to move directly to a particular menu function

Navigation buttons

Allows the user to move the cursor to a selectable field

Adjustment buttons

Allows the user to change a variable field

Set button

Confirms a change to an adjustment

Esc button

Allows the user to exit the screen without further change



Dos & Don'ts



Read the full O&M



Do not position in direct sunlight



Protect from water, swarf and other contaminants



Use your finger to operate the screen



Do not use a pen to operate the screen

Remote Specification

Power supply	12V DC
Operating temperature	0 ... 40°C
Enclosure protection	IP30
Battery type	3V Lithium 180mAh Ø20mm
Case material	HIPS
Dimensions	160x100x40mm
Display	Touchscreen LCD, backlit
Clock	24 hr
Display time adjustment	1 minute steps
Switched time adjustment	15 minute steps
Programme selection	ON/OFF/AUTO(TVENT)
Operating periods per day	up to 2
Cable type	4 Core Screened 16/02mm (0.5mm ²)
Cable length	Not to exceed 50 metres



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