

IMPORTANT: THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE

General

The RXPW1 can only be used in the EPX electronic range of heaters.

They offer either individual programming (each individual heater has a programming module) or group programming from a master heater through the pilot wire. Group programming can drive up to 10 slave heaters.



Fig. 1

Two heating positions are offered: comfort and off, with temperatures set using the controls on the heater.

For default Screen see Fig. 1.

Installation

The RXPW1 is rated at 230V.

1. Switch the heater off.
2. Using a narrow bladed screwdriver, carefully release the cover from the slot on right hand side of the thermostat on the Panel Heater.
3. Remove the 7-day plug in timer from it's box and plug it into the slide in compartment now exposed - see Fig. 2 . Insert the programmer fully so that it clicks into position. Switch the heater back on at the mains supply.

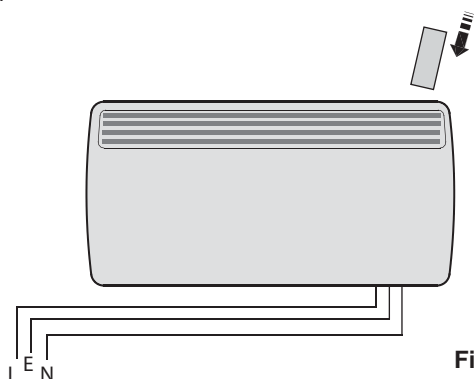


Fig. 2

Individual Programming

Fit one programmer to each EPX heater. (Note: When the heater is installed, the black pilot wire in the mains supply cable should be trimmed back in accordance with the Installation Instructions.

Programming for a Zone

The heater containing the RXPW1 is the Master heater and connected by the black pilot wire to the Slave heaters. The Master heater determines the Program and heating levels for all the heaters (Comfort and Off), but the actual comfort temperature should still be set on each individual heater (see EPX Panel Heater instructions). The master heater will switch between Comfort and Off according to the program.

Electrical Connection Master/Slave Heaters

DO NOT connect the **BLACK (PILOT) SIGNAL WIRE** to earth. When the programmer drives other heaters, connect the pilot wire from the 'MASTER' unit to the pilot wire of a 'SLAVE' heater and then from one 'SLAVE' heater to another (in series) - see Fig. 3.

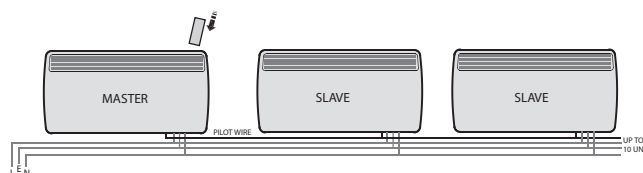


Fig. 3

Any 240V insulated cable may be used to link pilot wires around the ring main. The signal current is low. Suitable connections would be either an additional single core wire marked or colour coded appropriately or use a 4 core cable throughout the heater ring.

Operating Instructions

The RXPW1 can be programmed either inserted directly into the heater or out of the heater. If choosing the latter option, the cassette must be first left in the heater for 2 days to charge the battery. Remember that the battery only lasts for 24 hours.

Problem Solving

In the event that no display appears on your 7-day timer do the following :

1. Press any button to reactivate the display. Failing this -
2. Return to the heater to charge battery (internal battery lasts for 24 hours when timer is removed from heater). Display will appear immediately but battery will be fully charged in 2 days.

Mode Selection

There are three different operating modes. Press **MODE** to cycle through these:

MAN OFF - heating is permanently Off – see Fig. 4.

This is also the default screen.

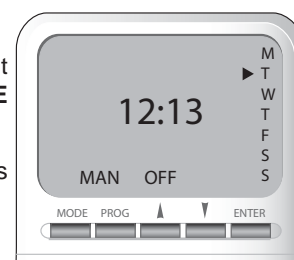


Fig. 4

MAN ON - heating is permanently On - see Fig. 5.



Fig. 5


AUTO - runs the programmed times - see Fig. 6.



Fig. 6

Set Time

Press the **PROG** key once (from default display) to set time.

The  appears (see Fig. 7) on the screen and the hours can be set using the **▲ ▼** keys. Press **ENTER** when finished setting the hours.

Set minutes using the **▲ ▼** keys and press **ENTER**.

Then choose the day from Mon to Sun using the **▲ ▼** keys and press **ENTER** to exit. Time and Day are now set.



Fig. 7

Set Programme

The timer can only be programmed in 2 blocks i.e.

1st Block - Weekdays: Mon-Fri

Press **PROG** twice (see Fig. 8). The **Weekday programs** are now ready to be set (starting with **P1 ON**, where **P1 ON** is the first ON time setting) go to 'a)' below:



Fig. 8

2nd Block - Weekends: Sat & Sun

Press **PROG** twice and then press **MODE** once (see Fig. 9). The **Weekend programs** are now ready to be set (starting with **P1 ON**, where **P1 ON** is the first ON time setting), go to 'a)' below:

a) set **P1 ON** time:

Set the hours using **▲ ▼** and press **ENTER**. Then set the minutes using **▲ ▼** and press **ENTER**.



Fig. 9

Note: Time in minutes can only be set in 10 minute blocks.

Then set **P1 OFF** time:

Set the hours using **▲ ▼** and press **ENTER**.

Then set the minutes using **▲ ▼** and press **ENTER**. If only one program is required, press **PROG** now to return to default display **OR**

b) set P2 ON and OFF times: repeat procedure as 'a)' above.

c) set P3 ON and OFF times: repeat procedure as 'a)'.

d) set P4 ON and OFF times: repeat procedure as 'a)'.


After **P4** Weekday **OFF** time has been set, the User will be prompted to set **P1 ON** time for Weekends.

After **P4** Weekend **OFF** time has been set the default Screen is displayed.

At any time while programming the timer, pressing the **PROG** button, this will exit to the default display. Timer must be in **AUTO** mode to run Set Programs.

NOTE: To cycle quickly from weekdays to weekends press the **MODE** button. There are 4 programs for weekdays and 4 for weekends.

Key Lock

To lock the keypad press **ENTER** and release, then press **MODE** within 1 second. The key symbol  will appear on the screen when the keypad is locked - see Fig. 10. To unlock the keypad repeat the action above. If any of the buttons on the keypad are pressed when it is locked, the light will automatically come on.

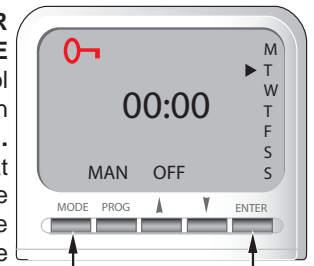


Fig. 10

The Advance Function

When in **AUTO** mode, if **▲** is pressed for longer than 2 seconds the program will advance to the next programmed setting. When the **ADVANCE** function is active **ADVANCE** will be displayed on the screen - see Fig. 11.

To cancel **ADVANCE** press **▼** for longer than 2 seconds



Fig. 11

e.g. If present time is 14:00 and P1 ON is at 17:00 and P1 OFF is 19:00, if **▲** is held for 2 seconds then **ADVANCE** appears on the screen. The heater comes on and remains on until 19:00. **ADVANCE** disappears from the screen at 17:00 as set program is then running.