



EPH CONTROLS Vision33R47-RF 4 Zone RF Programmer Instruction Manual

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EPH CONTROLS Vision33R47-RF 4 Zone RF Programmer



CAUTION!

Before commencing, disconnect the device from the mains. There are parts that carry mains voltage behind the cover. Never leave unsupervised when it is open. (Prevent non specialists and especially children from gaining access to it.)

Never remove this product from the electrical baseplate. Disconnect from mains supply in the event of any damage to any buttons. Do not use sharp tools to push any button.


Important: Keep this document

This 4 zone RF programmer is designed to provide ON/OFF control for 4 zones, with the value added application of in built frost protection.

Factory default settings 5/2D

- Program: 5/2D
- Backlight: On
- Keypad: Unlocked
- Frost Protection: Off

Factory program settings

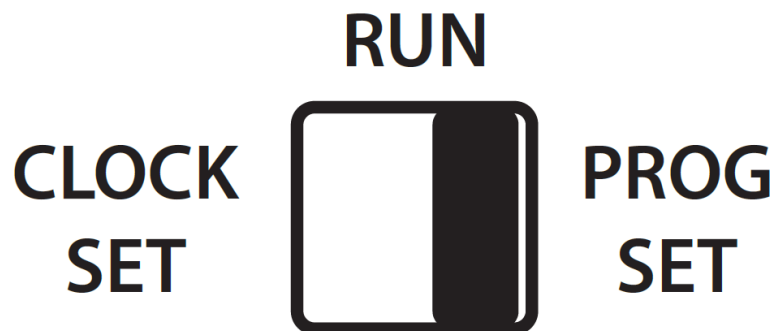
	5/2D					
	P1 ON	P1 OFF	P2 ON	P2 OFF	P3 ON	P3 OFF
Mon-Fri	6:30	8:30	12:00	12:00	16:30	22:30
Sat-Sun	7:30	10:00	12:00	12:00	17:00	23:00

All 7 days	7D					
	P1 ON	P1 OFF	P2 ON	P2 OFF	P3 ON	P3 OFF
	6:30	8:30	12:00	12:00	16:30	22:30

Everyday	24H					
	P1 ON	P1 OFF	P2 ON	P2 OFF	P3 ON	P3 OFF
	6:30	8:30	12:00	12:00	16:30	22:30

Resetting the programmer



















It is necessary to press the RESET button prior to initial programming. This button is located behind the cover on the front of the unit.



Setting the date and time

Lower the cover on the front of the unit.

Move the selector switch to the CLOCK SET position.

- Press the  or  buttons to select the day. Press 
- Press the  or  buttons to select the month. Press 
- Press the  or  buttons to select the year. Press 
- Press the  or  buttons to select the hour. Press 
- Press the  or  buttons to select the minute. Press 
- Press the  or  buttons to select 5/2D, 7D or 24H Press 

The date, time and function are now set. Move the selector switch to the RUN position to run the program, or to the PROG SET position to change the program setting.

ON/OFF period selection

There are 4 modes available on this programmer for users to choose for their individual application.

- AUTO The programmer operates 3 'ON/OFF' periods per day.
- ALL DAY The programmer operates 1 'ON/OFF' period per day. This operates from the first ON time to the third OFF time.
- ON The programmer is permanently on. **ON**
- OFF The programmer is permanently off. **OFF**

Lower the cover on the front of the unit. By pressing the **ZONE 1 SELECT** button, you can change between AUTO / ALL DAY / ON / OFF for Zone 1. Repeat this process for Zone 2 by pressing the **ZONE 2 SELECT** button, for Zone 3 by pressing the **ZONE 3 SELECT** and for Zone 4 by pressing the **ZONE 4 SELECT**

Adjusting the program settings

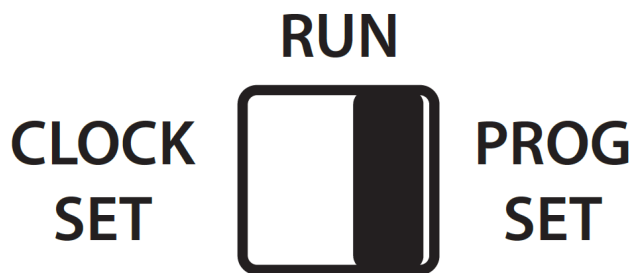


Lower the cover on the front of the unit. Move the selector switch to the PROG SET position. You can now program zone 1.

- Press the **+** or **-** buttons to adjust the P1 ON time. Press **OK**
- Press the **+** or **-** buttons to adjust the P1 OFF time. Press **OK**

Repeat this process to adjust the ON & OFF times for P2 & P3. Press **ZONE 2 SELECT** and repeat the above process to adjust for Zone2. Press **ZONE 3 SELECT** and repeat the above process to adjust for Zone3. Press **ZONE 4 SELECT** and repeat the above process to adjust for Zone4. When completed, move the selector switch to the RUN position.

Reviewing the program settings



Lower the cover on the front of the unit. Move the selector switch to the PROG SET position.

By pressing **OK** this will review each of the ON/OFF times for P1 to P3 for Zone 1. Press **ZONE 2 SELECT** and repeat the above process to adjust for Zone 2. Press **ZONE 3 SELECT** and repeat the above process to adjust for Zone 3. Press **ZONE 3 SELECT** and repeat the above process to adjust for Zone 4. When completed, move the selector switch to the RUN position.

Boost function

This function allows the user to extend the ON period for 1, 2 or 3 hours. If the zone that you wish to Boost is timed to be OFF, you have the facility to switch it ON for 1, 2 or 3 hours.

Press the required button:

ZONE 1 Boost for Zone 1, **ZONE 2 Boost** for Zone 2, **ZONE 3 Boost** for Zone 3 and **ZONE 4 Boost** for Zone 4 – once, twice or three times respectively. To cancel the boost function, simply press the respective boost button again.

Advance function

This function allows the user to bring forward the next switching time. If the zone is currently timed to be OFF and the ADV is pressed, the zone will be switched ON until the end of the next switching time. If the zone is currently timed to be ON and the ADV is pressed, the zone will be switched OFF until the end of the next switching time.













ZONE 1 ADV. for Zone 1, **ZONE 2 ADV.** for Zone 2, **ZONE 3 ADV.** for Zone 3 and **ZONE 4 ADV.** for Zone 4. To cancel the ADVANCE function, simply press the respective ADV button again.



Holiday mode

Lower the cover on the front of the unit. Move the selector switch to the RUN position.



Press the **Holiday** button. The current date and time will flash on the screen. It is now possible to enter the date and the time when you plan to return.


- Press the  or  buttons to select the day. Press 
- Press the  or  buttons to select the month. Press 
- Press the  or  buttons to select the year. Press 
- Press the  or  buttons to select the hour. Press 

To activate Holiday mode press the  button. To cancel Holiday mode press the  button again. Otherwise Holiday mode will deactivate on the time and date entered.

Connect the RF thermostat with the programmer

Lower the cover on the front of the programmer. There are four hinges holding the cover in place. Between the 3rd and 4th hinges there is a circular hole. Insert a ball point pen or similar object to master reset the programmer. After pressing the master reset button, the date and time will now need to be reprogrammed.




Lower the front cover and move the selector switch to the RUN position. Press the button  for 5 seconds. Wireless Connect will appear on the screen. On the RFR wireless room thermostat or RFC wireless cylinder thermostat Press the Code button. This is located inside the housing on the PCB.

On the programmer

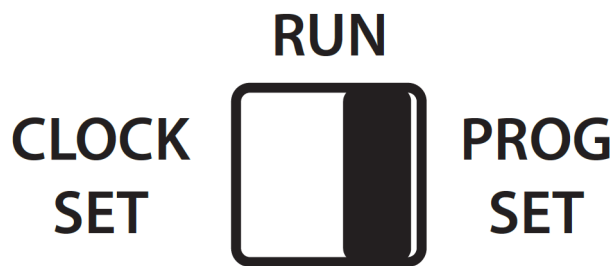
Zone 1 will begin to flash. Press the  ,  ,  or  button for the zone you wish to connect the




thermostat to. The wireless symbol  appears on the screen. The thermostat will count upwards to the number of the zone that it is paired with. When it reaches the number of the zone that it is paired with press the handwheel on the thermostat. The programmer is now operating in the wireless mode. The temperature of the wireless thermostat is now displayed on the programmer. Repeat this process for the second, third and fourth zone if required.


Disconnect the RF thermostat from the programmer

On the programmer



Lower the front cover and move the selector switch to the RUN position. Press the  button for 5 seconds.

Wireless Connect will appear on the screen. Press the  button for 3 seconds. This will clear all RF

connections thereby disconnecting all thermostats from the time switch. Press the  button.

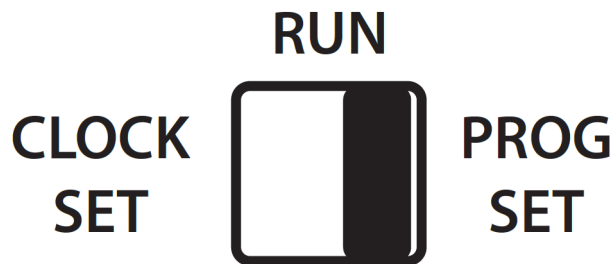
Backlight mode selection






There are two settings for selection. The factory default setting is ON.

- ON The backlight is permanently ON.
- AUTO On pressing any button the backlight stays on for 10 seconds.

To adjust the backlight setting



Lower the cover on the front of the unit. Move the selector switch to the RUN position. Press the  button for 5 seconds. Press either the  or  buttons to select the ON or AUTO mode.

Press the  button.




Keypad lock and unlock



Unlocked

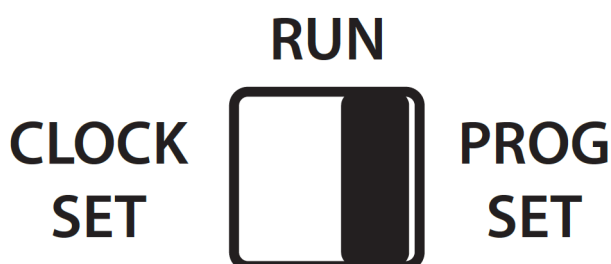


To lock the keypad, press and hold the  and  buttons for 5 seconds.  will appear on the


screen. The keypad is now locked. To unlock the keypad, press and hold the  and  buttons for 5 seconds.  will disappear from the screen. The keypad is now unlocked.

Copy function

Copy function may only be used if the programmer is in the 7d mode. Lower the cover on the front of the programmer.





Move the selector switch to the PROG SET position. First, program one of the days of the week with a schedule

you wish to copy to other days. While still on that day press and hold the COPY  button for 3 seconds. This will take you into the Copy screen. The day of the week that is to be copied is shown and the day it

is to be copied to is flashing. Press the  button to copy the schedule to this day. Press the 

button to skip this day Continue in this fashion by pressing the  button to copy the schedule to the day

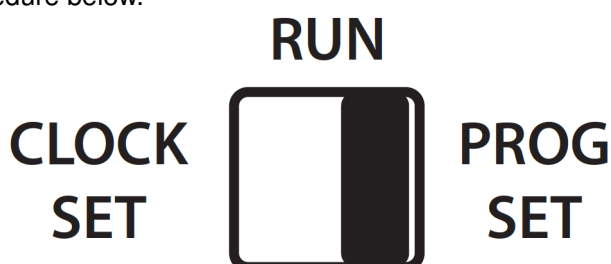
flashing and by pressing the  button to skip that day. When you are finished press the  button. Move the selector switch to the RUN position.








Frost protection function



Off

Select table range 5~20°C. This function is set to protect pipes against freezing or to prevent low room temperature when the programmer is programmed to be OFF or is manually OFF. Frost protection can be activated by following the procedure below.



Move the selector switch to the RUN position. Press both the  and  buttons for 5 seconds, to enter selection mode. Press either the  or  buttons to turn On or turn Off frost protection. Press  button to confirm. Press either the  or  buttons to increase or decrease the desired frost protection setpoint. Press to select. All zones will be switched ON in the event of room temperature falling below the frost protection setpoint.

Master reset

Lower the cover on the front of the programmer. There are four hinges holding the cover in place. Between the 3rd and 4th hinges there is a circular hole. Insert a ball point pen or similar object to master reset the programmer. After pressing the master reset button, the date and time will now need to be reprogrammed.

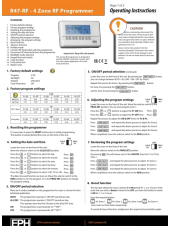
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Documents / Resources

	<p>EPH CONTROLS Vision33R47-RF 4 Zone RF Programmer [pdf] Instruction Manual R47-RF, R47-RF 4 Zone RF Programmer, 4 Zone RF Programmer, RF Programmer, Programm</p>
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References

-  [Home Page - EPH Controls](#)
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