HEAT
outdoors

QHVCR 3 Zone Master Controller (Transmitter)
Remote Operation

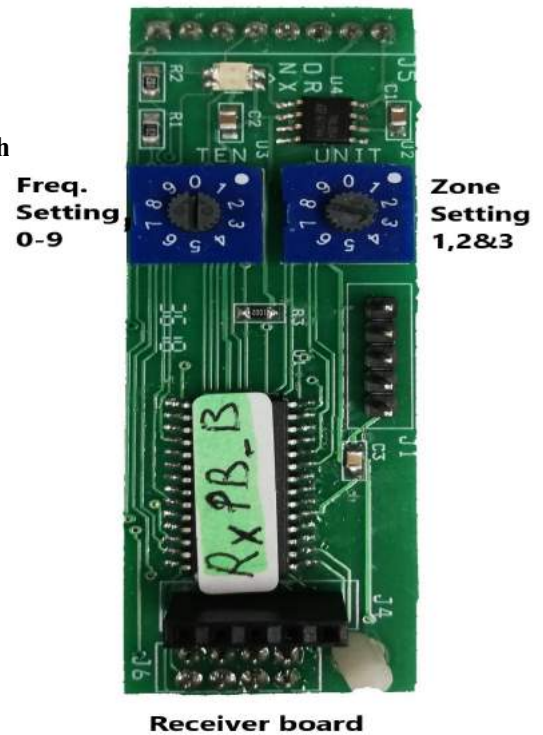## Quick Start Guide & Instructions

Transmission RF 433 Mhz

QHVCR 3 Zone
Master Controller (Transmitter)

Antenna

Power ON / Standby Indicator

ON / Standby Switch

Power control dials for Blue, Red & Yellow zones

QHVCR is Supplied separately

Fig 1

Freq. Setting 0-9

Zone Setting 1,2&3

Receiver board

1) There are three control dials **Blue, Yellow & Red** one for each zone. The QHCxxMR units are preset to operate in one of these zones. The QHCxxMR unit once preset will only operate in that designated zone. The factory setting is 1, this will be the Blue control dial.

2) Turn ON the QHVCR unit by pressing the ON/Standby button on the front panel. The Led indicator will flash orange – green – orange – green and remain Green to indicate that the unit is ready see fig 1.

3) The QHCxxMR unit is preset as a Blue zone (1). Turn the Blue control dial to position **2**. The heaters connected to the QHCxxMR units will come ON at the minimum setting 33%. Continue to turn the Blue control dial through position **3** to **5** until you reach the desired setting. Settings are **1** = 0%, **2** = 33%, **3** = 50%, **4** = 66% & **5** = 100%.

4) QHCxxMR units which are preset to Yellow & Red zones are controlled by the Yellow & Red control dials respectively and will operate as above see fig's 2 & 3.

5) The QHVCR unit is powered by **3 x AAA battery's**. The unit will automatically go into standby mode if the unit is inactive for more than 30 seconds. When the unit goes into standby mode all the QHCxxMR units will remain unchanged at the settings they were set at. Therefore the heaters will remain ON.

6) To change a setting just press the ON/Standby button and proceed as described in 2) & 3).
However, while the QHVCR unit is ON, you can turn OFF all the heaters by pressing the ON/Standby button. This is indicated by the Led indicator flashing Red.

7) The previous settings will be remembered and will be restored when you press the ON/Stand by button again.

Please note: The QHVCR 3 zone Master Controller can control any number of QHCxxMR controllers as long as they are within range, up to 100 meters *
The QHVCR should be wall mounted.
* Longer antenna are available to extend the range up to 200 meters.

Pairing (Programming) Devices

QHVCR & QHCxxMR

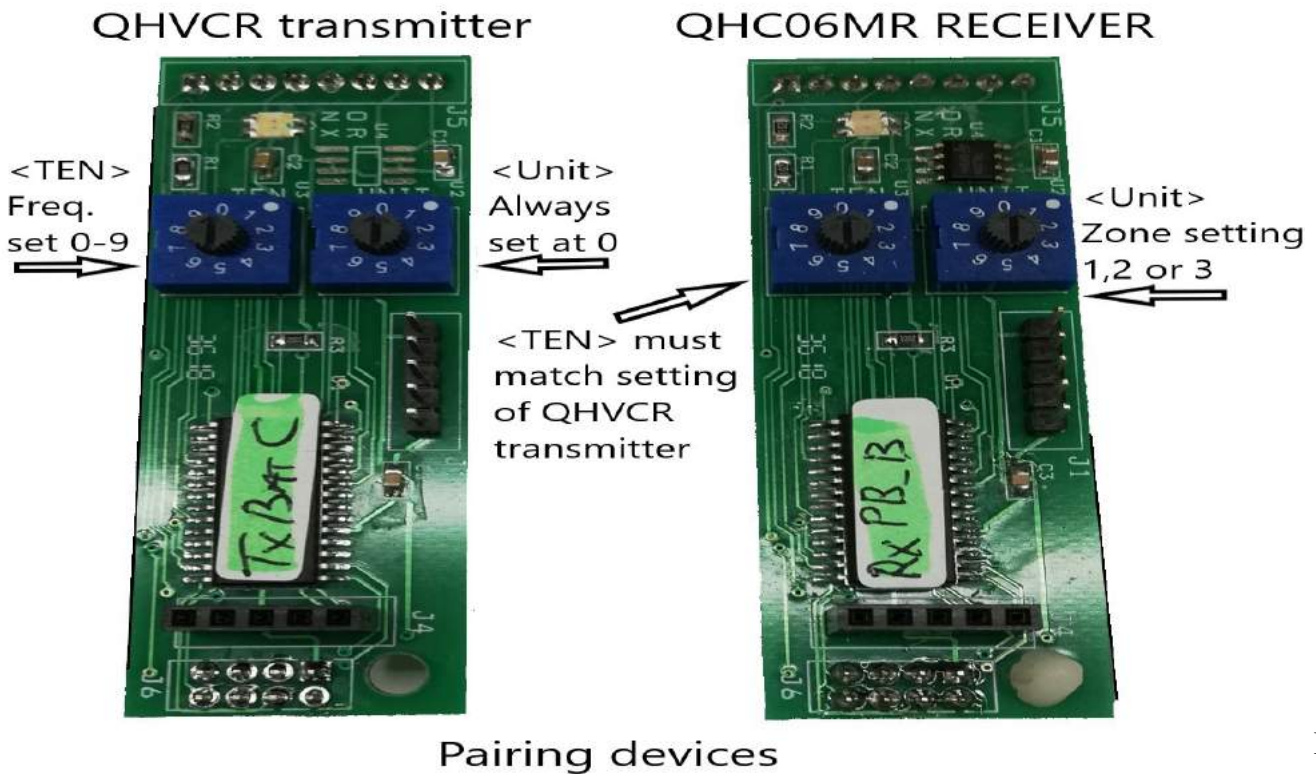Fig. 2   Fig. 3

Pairing (programming) devices QHVCR (transmitter) and QHC18MR (receivers).

1) The Left Hand Side rotary switches (TEN) on both boards must be set the same, Fig 2.
   The LHS switch (TEN) is used to set the RF frequency the setting must match on both
   boards. There are **10** possible frequencies that can be selected **0-9**. If the settings on the LHS
   switch (TEN) do not match the devices will fail to operate.

   Designating the transmitter and receiver. Both the left rotary switches are set at **0**,
   this ensures that the transmitter marked **0** will communicate with the receiver marked **0**.
   Setting the left rotary switch to **1**, so the transmitter marked **1** will communicate with a
   receiver also marked **1**.
   If the transmitter and receiver are not paired correctly they will not communicate and
   therefore will not operate; transmitter marked **0** will **not communicate** with a
   receiver marked **1.**
   Remember a transmitter can be set at any number between **0-9** & the receiver must be
   matched correctly.

2) The Right Hand Side rotary switches (UNIT) are for setting the devise to operate in a set zone, Fig 3.
   There are 3 possible zones that the controller can be set to. The RHS switch (UNIT) should be set to
   1,2 or 3.
   Blue Zone 1 operation set RHS switch (UNIT) to **1**
   Yellow Zone 2 operation set RHS switch (UNIT) to **2**
   Red Zone 3 operation set RHS switch (UNIT) to **3**

Note : QHCxxMR = QHC03MR, QHC06MR or QHC18MR

Supply voltage : 4.5V DC   **Battery : 3 x AAA batteries**

Transmission : RF 433 Mhz

Range :   Up to 100 meters standard

Antenna : 100mm standard

Freq. combinations : 10

Zones :   3 standard (maximum 10)

Mounting : L Brackets included – fixing centers 65mm

IP Rating: IP53
Dimensions : 165mm x 105mm x 55mm
Weights :   0.25 Kg

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