



CONSORT MRX1 Multizone Wireless Controller User Guide

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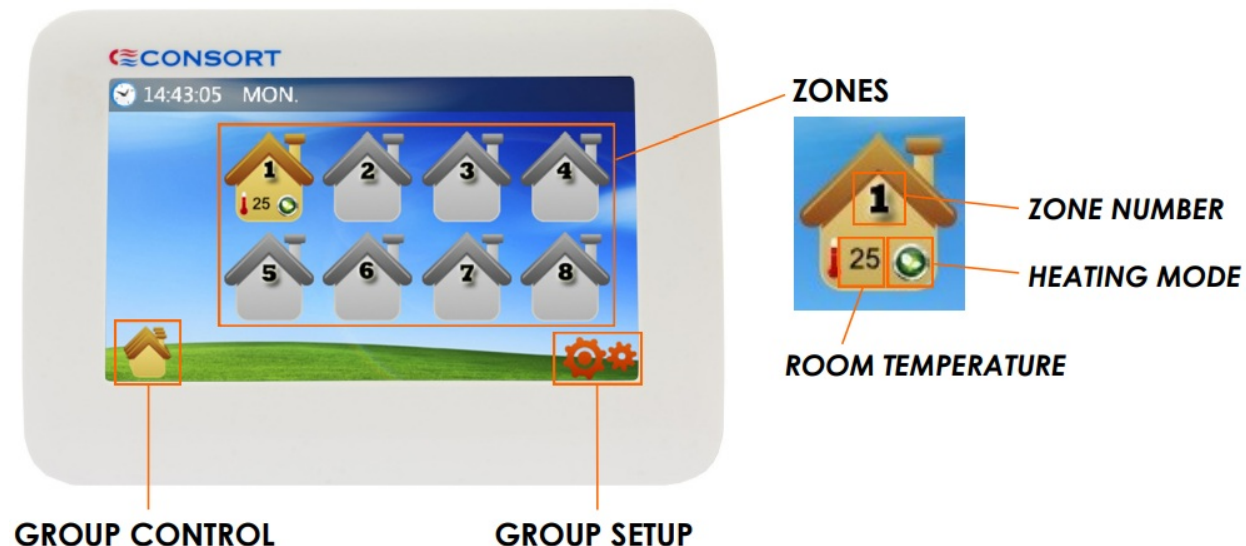
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Introduction

The MRX1 Multizone wireless controller is a central control unit that allows home or commercial property owners to independently control temperatures of up to 8 heating zones. Each zone must be locally controlled by a CRXSL controller or an electronic timer with RF. The MRX1 has a large colour LCD touch screen. It also features Group Control that allows end users to set a preferred operating mode and temperature for all heating zones at the same time. All settings can be changed locally via CRXSL controller/RF Timer or remotely by using MRX1 controller. In order to start using the MRX1, at least one zone has to be connected. Please follow 'Zone connection' section.

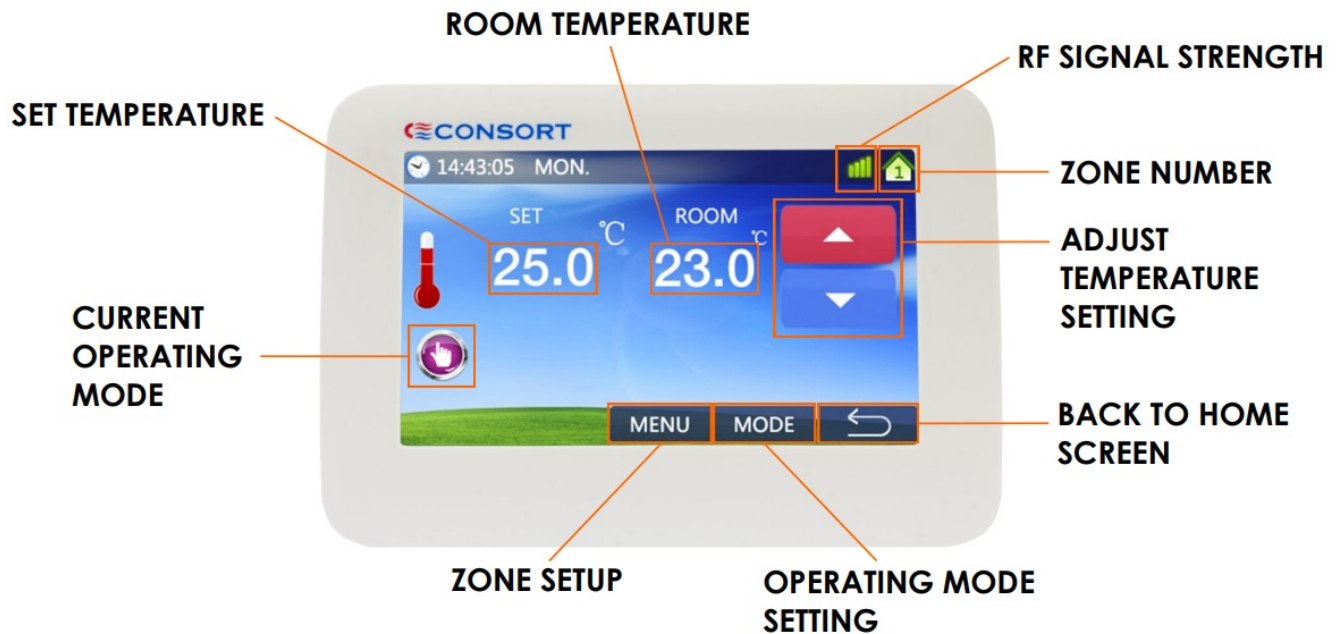
Home Screen

The home screen shows information about the status of the system. By tapping one of the zone icons, access the zone screen or by tapping the group control icon, access the group control screen. There is also a Group setup icon to access the group setup menu.



Zone Screen

The zone screen shows information about the status of the selected zone. By tapping mode icon, access the zone selecting screen and tapping menu icon access minimum & maximum temperature setup screen. Use temperature adjust icons to adjust set temperature.



Group Control Screen

The group control screen allows all zones to be changed at the same time to desired mode and temperature. This feature is useful for setting all zones to frost protection mode or set heating inactive when leaving property and activate it when reentering.



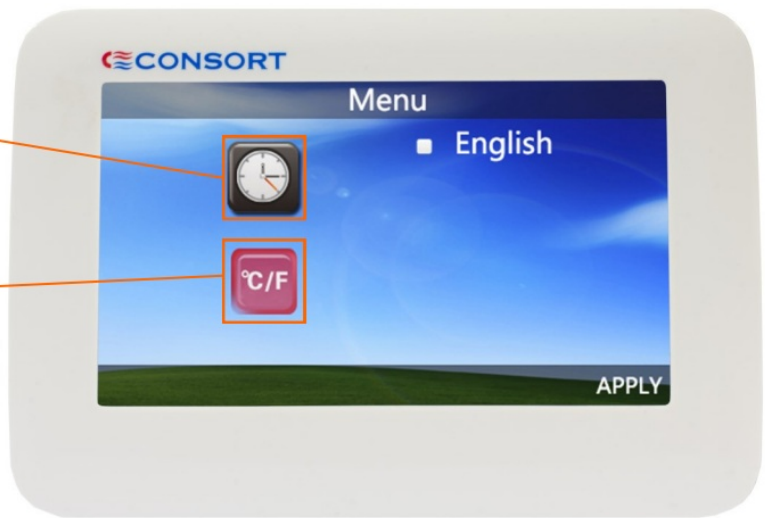
Group Setup Screen

SETTING UP TIME

This time will be adopted by all zones.

SELECTING C or F DEGREES

This selection will be adopted by all zones.



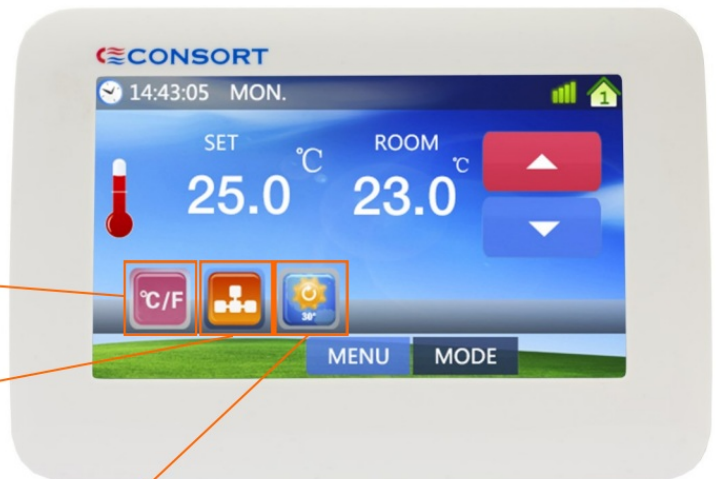
Zone Setup Screen

By pressing MENU on the home screen enter the zone setup. All settings on this screen are for a single zone only.

SELECTING C or F DEGREES

TIME AND TEMPERATURE SCHEDULE

MINIMUM AND MAXIMUM TEMPERATURE LIMITS



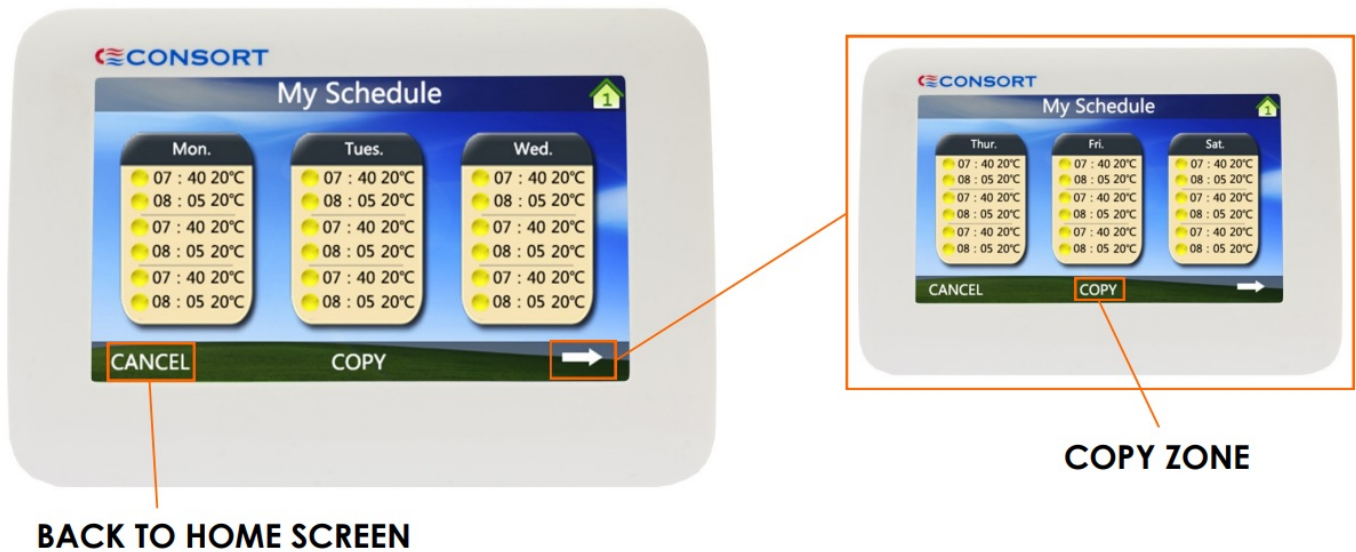
Name A Zone

Tapping the zone number access a keyboard screen. By tapping letters name the zone. Tap APPLY to confirm zone name or CANCEL to return back to the home screen. Use BACKSPACE to delete name.

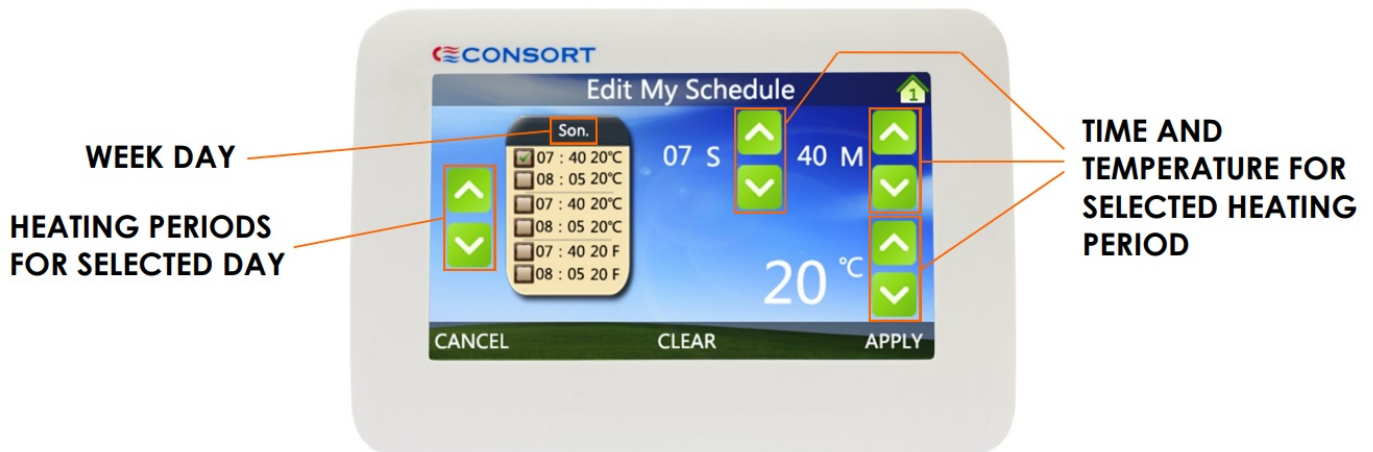


Time Schedule

Tapping on to the time schedule icon access zone time schedule screen for Monday – Wednesday. Press arrow in the bottom right corner to access screen for Thursday – Saturday and tap again for Sunday. Here is an option of having 6 heating periods per day with different temperatures. Option COPY ZONE can speed up process of setting up time schedules for all days and zones.



Tapping on to the day icon access zone time schedule screen for the day. Tap up or down icons to change between the 6 heating periods. Tap up or down icons on the right hand side of a display to set time and temperature for the selected heating period.



Copy Time Schedule To Other Zones



Connecting Zones to MRX1

The MRX1 can connect to a CRXSL or any Electronic timer with RF. On the MRX1, tap and hold one of the zone icons until the screen changes. Now the display shows 'waiting for connection'.

Pairing a CRXSL

On the CRXSL, tap and hold the P and FAN icons together until the screen changes and tap the P icon several times until the MRX display shows CONNECTED. Tap BACK and the zone is now connected.

Pairing a RF Timer.

On the electronic RF timer, press and hold TIME and PROG for 10 seconds. The timer will show a unique code, the RF Icon will then flash to show the pairing signal is being sent. Once this has stopped you should see a new 4 digit code showing pairing was successful. The MRX display shows CONNECTED. Tap BACK and the zone is now connected. To exit pairing mode on the timer press and hold the time button.

Removing a Zone

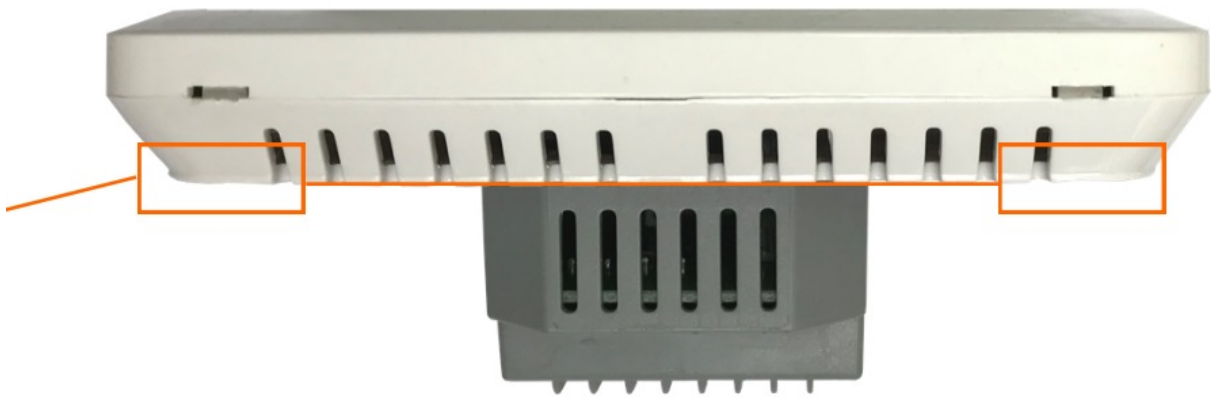
To remove zone, tap REMOVE icon on the MRX1. After the zone has been successfully connected, MRX1 display shows zone icon in different colour and information about the zone.

MRX1 Installation

MRX1 is mains powered only. It is supplied with two different power packs. The standard power pack is suitable for mounting MRX1 onto a plasterboard without a back box or to be used with a deep metal back box. The second power pack is suitable for 25 – 32mm deep plastic or metal back box. The MRX1 should be wired to an outlet with a 3A fuse. To mount the MRX1 the unit must be firstly opened.

Gently insert and twist a flat head screwdriver into the slots as per picture.

Once the front has separated from the back The white lead can be unplugged from the Screen. The choice between the two power Supply choices can now be made see section 11.1 & 11.2

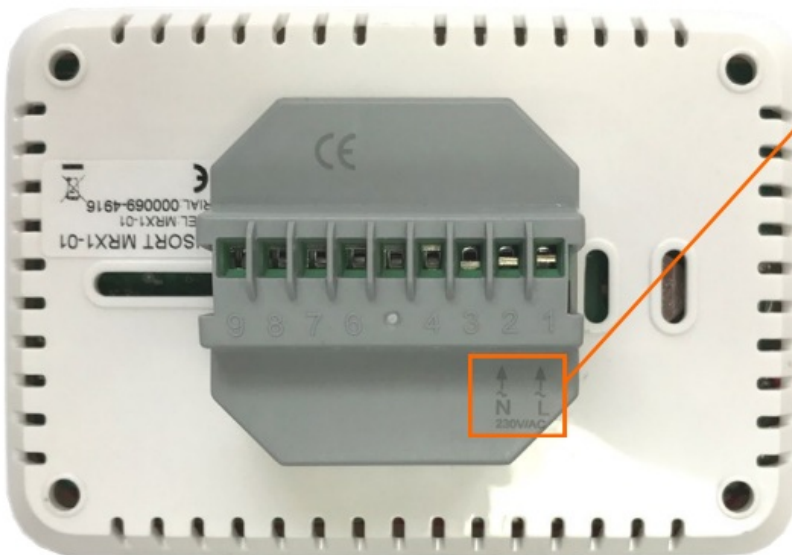


MRX1 Installation

Option 1

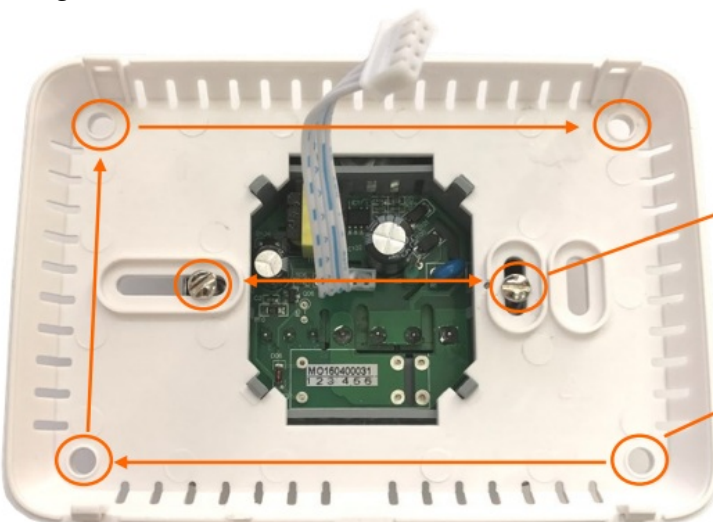
If the MRX1 is going to be mounted directly to a plasterboard wall, or a deep single gang metal back box, the power supply that comes attached to the back plate can be used.

Connections



On the rear of the back plate there are 2 connections marked line and neutral, they must be connected to 230VAC via a 3A fuse.

Fixing the MRX



The back plate can be mounted directly to a single gang back box using the elongated holes as shown in picture.

For screwing directly to a plasterboard wall the holes in each corner can be used.

Once the power supply has been connected to the incoming mains and the back plate has been secured, connect the white lead back onto the screen and clip the screen back into place. *Note: When clipping the screen into place take care not to trap the red aerial lead on the back of the screen.

MRX1 Installation

Option 2

If the MRX1 is going to be mounted into a metal or plastic back box 25-32mm deep, the small white power supply supplied with the MRX1 must be used.

Connections



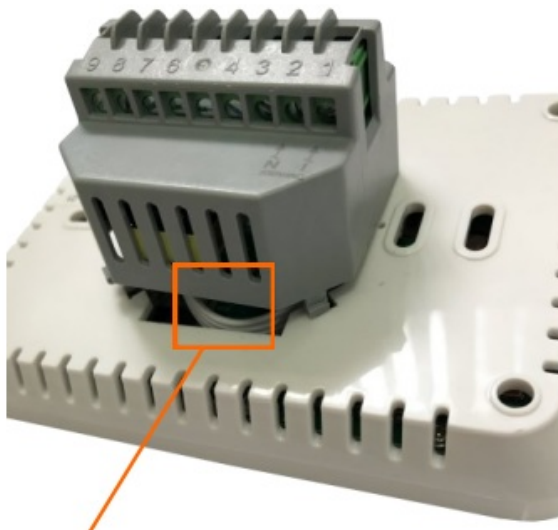
The power supply must be installed exactly as per picture, otherwise it will not fit. Line and neutral 230VAC must be connected to the power supply via a 3A fuse.

Red lead :Line

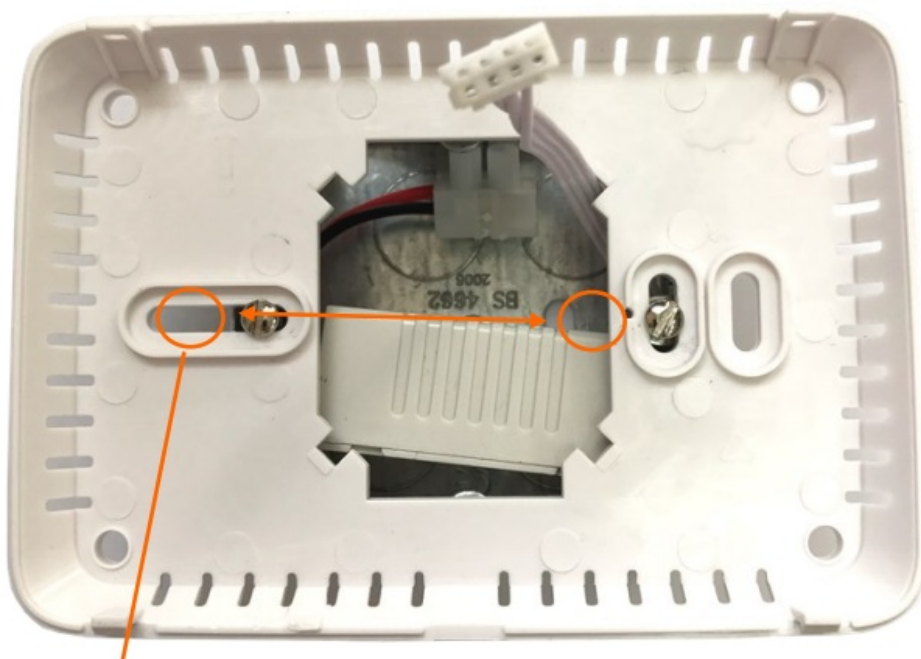
Black lead: Neutral

Note: It takes 30 seconds to power up the device

Fixing the MRX



The power supply that comes fixed to the MRX1 must be removed by gently applying pressure to each corner, unclipping the two parts.



The back plate can be mounted directly to a single gang back box using the elongated holes as shown in picture.

Once the power supply has been connected to the incoming mains and the back plate has been secured, connect the white lead back onto the screen and clip the screen back into place. *Note: When clipping the screen into place take care not to trap the red aerial lead on the back of the screen

Customer Helpline

Should you need any advice on the use of you new Consort product please contact our Helpline:

Tel: 01646 692172 **Fax:** 01646 695195

Email: technical@consortempl.com

The MRX1 is guaranteed for one year against faulty material or workmanship. This applies only if the appliance has been used for purposes in accordance with the instructions provided and has not been misused, neglected, damaged, modified or repaired by any person not authorised by us. This guarantee is offered to you as an extra benefit and does not affect your legal rights.

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Reasonable care has been taken to ensure that this guide is accurate at the time of printing. In the interest of progress, the Company reserve the right to vary specifications from time to time without notice.

Should you need any advice on the use of your new Consort product please contact our Helpline:

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Documents / Resources

 <p>MRX1 <small>Installation & User Guide for MRX1 Multizone Wireless Controller</small></p>	<p>CONSORT MRX1 Multizone Wireless Controller [pdf] User Guide</p> <p>MRX1, Multizone Wireless Controller, Wireless Controller, Multizone Controller, MRX1, Controller</p>
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References

-  [Consort Claudgen - Electric Heating Solutions](#)