



iCon - Intelligent Control for Heating Systems

iCon – Quick Commissioning Manual

Title Page

© 2001 Comeragh Controls Ltd

No part of this document may be reproduced by any process without the prior written permission from Comeragh Controls Ltd.

The information in this document is provided for reference only. While every effort has been made to make sure it is accurate and complete, Comeragh Controls Ltd does not accept any liability arising out of the application or use of the information or products described herein. Moreover, Comeragh Controls Ltd reserves the right to alter specifications or procedures without notice.

This document may contain or refer to information or products protected by copyright or patents and does not convey any license under the patent rights of Comeragh Controls Ltd nor the rights of others.

All products referred herein are trademarks of their respective owners.

Publication details:

Title: iCon Quick Commissioning Manual

Revision : 13.1

Issue Date: 6-7-2007

Part Number: CM-QCM

Produced by:

Product Support Department

Comeragh Controls Ltd

Irishtown Clonmel Co. Tipperary

Ireland



iCon – Quick Commissioning Manual

1. Quick System Check

- Ensure System is Power OFF
- Check Communication wiring (A,B,G,V) at Stat, Console, I/O Boxes
- Check I/O Boxes {220v Outputs, Switch Lives & Inputs} are wired correctly
- Set address on all I/O Modules
- Power ON system
- Set Zone address on all stats
- Set Time at the Console
- Set all Zone SP to a value above Zero
- Ensure each Zone Schedule is set up.

2. Quick Operation Test

- Set to Timer Mode
- Set all Zone to Disable
- Set all Zone SP to 30 °C
- Individually De-Select Disable on each Zone and check if the correct Relay(s) /Actuator(s) are activated
- Check if all associated equipment is activated e.g. Manifold Pump, Boiler etc
- Edit Configuration if Required {Electrical Mistake or New plumbing layout }



iCon - Intelligent Control for Heating Systems

3. Key Notes

Cable Type

0-250 meter installations (Domestic Applications)

Cable Type	General Data Cable	Reel Length	RS Stock no.
Number Of Cores	4	100 Meter	365-571
Core Strands	7 / 0.2	500 Meter	365-600
Cable O-D	3.4mm		
Conductor Material	Tinned Copper		

Supplier

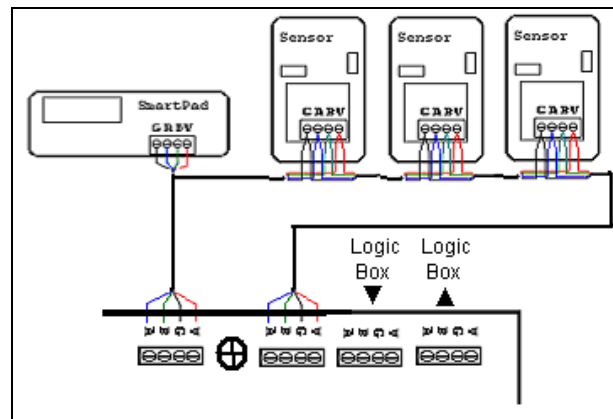
RS Components

Web: www.rswww.com

Tel: UK Orderline: 08457 201201

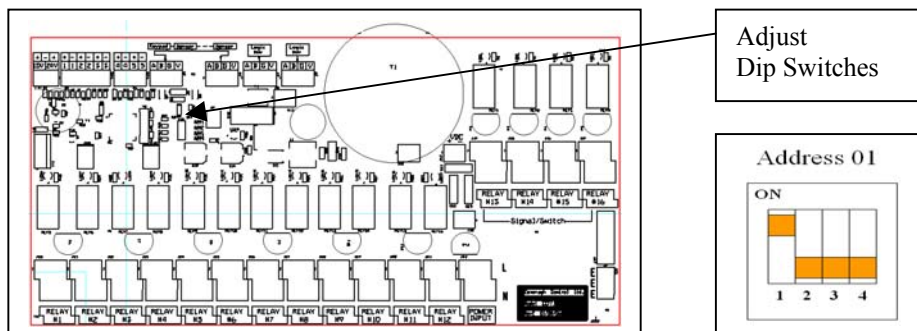
Tel: UK Online Help: 01536 444222

Communication Connection – Pin Outs



Addressing I/O Module

I/O Addressing (Rev 11)

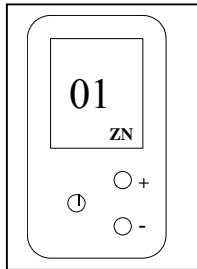





iCon - Intelligent Control for Heating Systems

Setting the Zone Number

Overview: Each area (room) must have a zone number

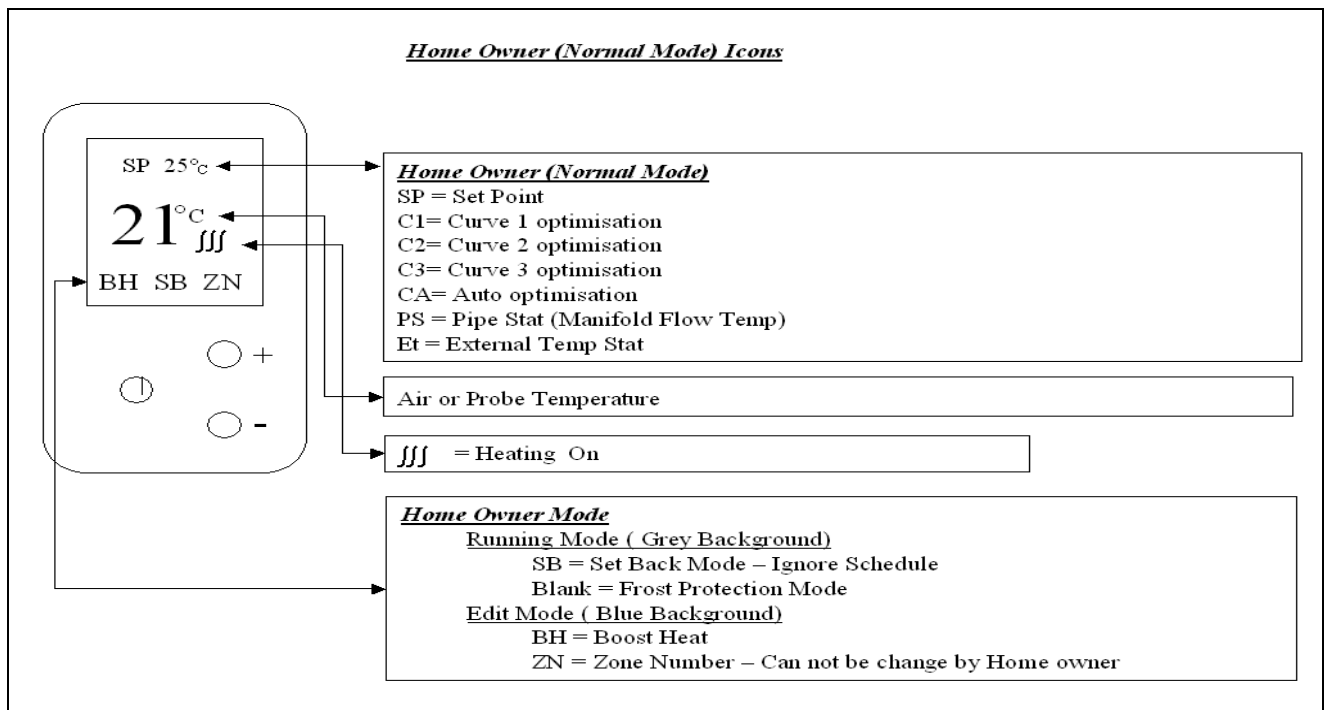


- Steps
- i. Press and hold Power Button
 - ii. When 00 appears at TOP AND CENTER press buttons in the following sequence
 - Press  3 times
 - Press + 3 times
 - Press - 3 times
 - iii. Use the + and - Key to set the (ZN) Zone Number

Note: Ensure that all zones are set correctly matching the console

Stat Symbols

Home Owner (Normal Mode) Icons





iCon - Intelligent Control for Heating Systems

Stat Symbols - Engineering Mode Icons

