

## CM700 Wireless Installation Guide

### CM727 / CM721 Wireless Programmable Room Thermostat & BDR91 Relay box

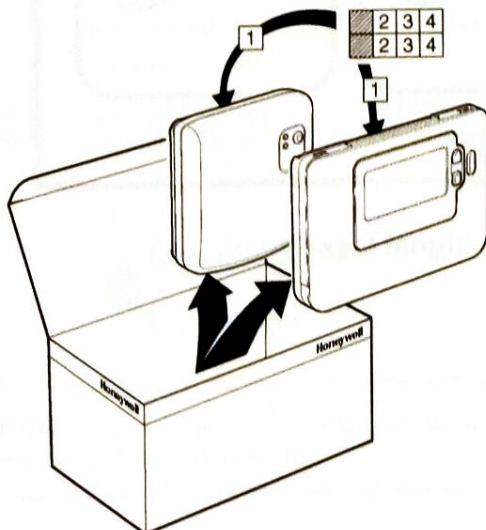


### Description

The Honeywell CM700 Wireless (CM727 or CM721) is a modern wireless programmable room thermostat based on Honeywell's proven programming philosophy. To further improve the ease of use, this product includes a large LCD display with backlighting to assist customers during daily use.

The CM727/721 room thermostat communicates with the BDR91 relay box on an 868MHz Radio Frequency (RF) band to control a single heating system component such as a boiler, pump or zone valve. Neither product will communicate with other RF products that use different frequencies or communication protocols.

*Note: The RF link between the individual room thermostat (CM727/721) and relay box (BDR91) in system packs provided by Honeywell is pre-configured at the factory and therefore SHOULD be installed at the same site. This makes the installation process fast and easy, but if products from individual system packs are separated, or mixed with other pre-configured system packs during installations please refer to section 5.1 **Binding / Rebinding Procedure** to bind the desired units together and allow them to communicate with each other.*



### Table of Contents

Section	Page
<b>1) Installation Information .....</b>	<b>2</b>
<b>2) Installing the CM700 Wireless System .....</b>	<b>3</b>
2.1 Installing the Relay box .....	3
2.2 Installing the Room Thermostat .....	4
2.2.1 Power Up .....	4
2.2.2 RF Communication Check .....	4
2.2.3 Locating the Room Thermostat .....	5
2.3 System Check.....	5
<b>3) Basic Operation of the System.....</b>	<b>6</b>
3.1 Automatic Operation.....	6
3.2 Temporary Manual Override.....	6
3.3 Communication Loss .....	6
<b>4) Installer Mode.....</b>	<b>6</b>
4.1 Entering Installer Mode .....	7
4.2 BDR91 Relay box Fail-Safe Mode Setup.....	7
4.3 Using the Room Thermostat for Specific Applications ..	8
4.4 Using the Special Features of the Room Thermostat..	8
4.5 Installer Parameters Table .....	9
4.5.1 Category 1 - Room Thermostat Settings .....	9
4.5.2 Category 2 - System Settings.....	10
<b>5) Additional Installation Information.....</b>	<b>10</b>
5.1 Binding / Rebinding Procedure .....	10
5.2 Multi-Zone System.....	10
<b>6) Trouble Shooting.....</b>	<b>11</b>
6.1 Trouble Shooting Guide.....	11
6.2 Diagnostics Mode .....	11