Wireless Keychain Remote Control

Model 3150C
Operating Instructions and
Owner's Manual

Control Garage Door Opener
and HomeSettings System
from your car

Thank you for purchasing the 3150C Wireless Keychain Remote Control. HomeSettings products by Wayne-Dalton allow you to control your home by remote control. You can create a complete Home Control and Access Network by combining your Wireless Keychain Remote Control with other HomeSettings products. Indoor and outdoor lighting, security systems, garage door openers, and thermostats are just a few of the items you can easily control with additional HomeSettings products.

Your new Wireless Keychain Remote Control is compatible with Wayne-Dalton garage door openers, the Garage Door Opener Conversion Module and the Wireless Gateway to give you control of Z-Wave™ enabled modules.

Home Control Basics
HomeSettings products will allow you to easily control multiple devices in a home with the push of a button in what is known as a "scene". Turning on all of the lights as you come home is an example of a scene. Dimming lights and closing your curtains to watch TV, it's also a scene.

Visit www.wayne-dalton.com/access to get ideas on how to create scenes with your Remote Control and other Z-Wave™ enabled HomeSettings products.

PACKAGE CONTENTS

User Manual

3150C Transmitter

Visor Clip

Key Chain Ring

Table of Contents

Look for the Quick Start symbol for basic instructions.

Definition of Symbol

Warning

Installation
Safety Precautions

Never let children operate or play with door controls. Keep remote controls away from children. Fatal injury could result should a child become trapped between the door and the floor.

Always keep moving door in sight and keep people and objects away until it is completely closed. To prevent serious injury or death, avoid standing in the open doorway or walking through the doorway while door is moving.

GLOSSARY

Copy – See Replicate.
Delete – Erase transmitter or SCENE information from Controller. Also known as Exclude.
Device – Any item that is connected to a module (for example, lamps).
Exclude – Remove a module from the controller.
Include – Add a module to the controller.
Module – Any HomeSettings or Z-Wave™ product that is controlled with a HomeSettings or Z-Wave™ remote controller. A module can be part of more than one scene.
Network – A collection of devices controlled by primary or secondary controllers operating on the same system. A network has its own unique identification code so that no one else can control the system.
Operator – Garage Door Opener.
Primary Controller – The first controller used to set up your modules and network. NOTE: Only the Primary Controller can be used to include or delete modules from a network. It is recommended that you mark the primary controller for ease in modifying your network.
Replicate – Copy from one controller to another.
Scene – A scene is a series of Z-Wave™ modules programmed to turn to a specific level (on, off, dim) with the push of a button on a controller.
Secondary Controller – A controller containing network information about other modules within the network, and is created FROM the primary controller. Secondary controllers cannot include or delete modules to the network.
Transmitter – Garage Door Opener transmitter.

Programming to Operator

NOTE: Any of the three transmitter buttons can be programmed to activate the door. In multi-door installations, each button can be programmed to activate a separate door. Only one button at a time (per-transmitter) can be programmed to activate a door.

To program the transmitter:
1. Place the emergency disconnect handle in the manual door operated position. This is for safety reasons.

2. Press program button on DoorMaster™ light fixture, *i*drive®, *pro*drive™, Quantum™ or Classicdrive™ operator. LED will light or *i*drive® operator will beep once indicating that it is ready to learn a transmitter.

3. Within 30 seconds, press and hold the desired transmitter button(s); LED will turn off or *i*drive® operator will beep once. On the DoorMaster™ only, release the transmitter button and press again. LED will light briefly then turn off.

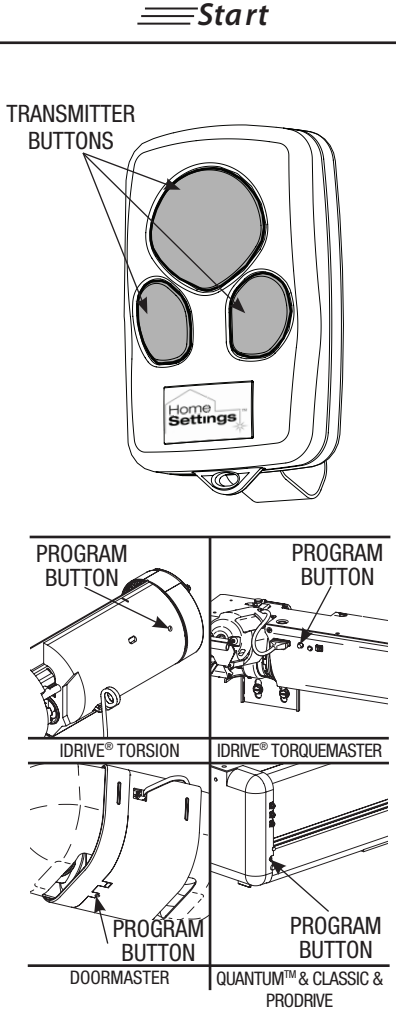
4. Return the emergency disconnect handle to motor operated position.

5. Press same transmitter button(s) again; door should operate.

Transmitter is now programmed to operator.

6. To OPERATE, press the transmitter button.

NOTE: *i*drive® model only: The first transmitter command after programming will only open the door through a six inch up/down cycle. Normal door operation will then occur on all subsequent transmitter commands.



Programming to Controller

Quick Start

Use the following procedure to program the Wireless Keychain Remote transmitter button to a SCENE button on the Wireless Gateway, WDHA-12R. This procedure also is used to reassign a transmitter button to a different SCENE button.

1. Press and Hold SCENE button you wish to program, either Scene 1, 2 or 3, until the LED turns off, then immediately release the SCENE button.

2. Press and hold the desired Transmitter button.

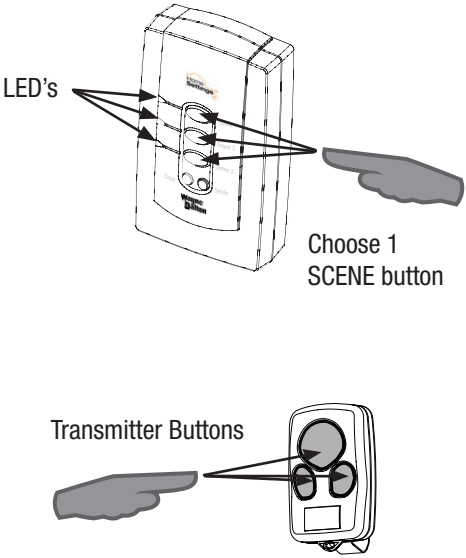
The LED on the Wireless Gateway will flash three (3) times quickly to indicate the programming is successful.

3. Release the transmitter button.

Note: Your Keychain Remote cannot directly operate Z-Wave™ modules, the Z-Wave™ modules must be programmed to the Gateway Scene to which you have programmed your transmitter button.

4. To OPERATE, plug the Wireless Gateway into AC power, then press the transmitter button corresponding to the programmed SCENE which you want to activate.

Best Practice Tip: Program the garage door opener to a button by itself and SCENE's to their own transmitter buttons.



Programming to Conversion Module

Quick Start

Use the following procedure to program the Wireless Keychain Remote transmitter button to a Wayne-Dalton Garage Door Opener Conversion Module, Model WDRR-372R. This module will allow your Keychain Remote Control to operate any brand Garage Door Opener.

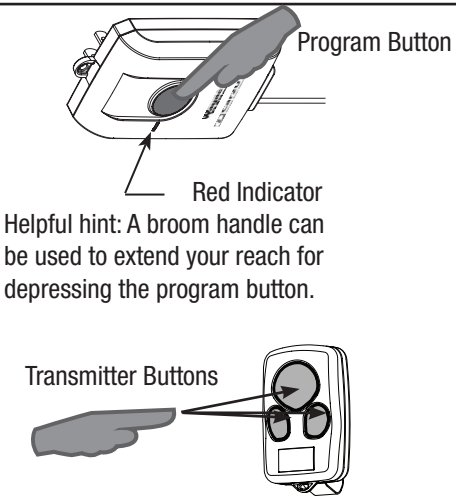
1. Install the Garage Door Opener Conversion Module per the instructions provided with it.

2. Press and release the PROGRAM button on the Conversion Module. The red indicator will turn on.

3. Press and release the desired transmitter button.

The Red LED indicator on the Conversion Module will flash to indicate as successful operation.

6. To OPERATE, press the transmitter button corresponding to the Conversion module.



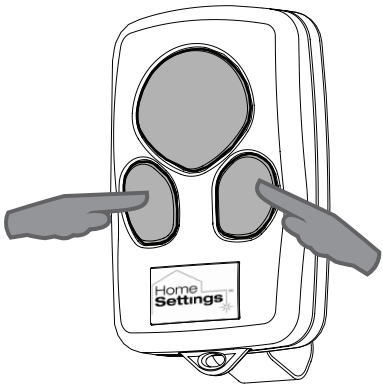
Examples of Scenes	
The following examples describe how your Wireless Gateway can be used. For further ideas, please visit our website at www.wayne-dalton.com/access.	Examples require the following modules:
1. Approaching your home in your car, you wish to turn on the outside lights near the garage, front door and rear door, as well as a lamps in the kitchen and family room. Wireless Gateway SCENE 1 can be programmed to turn all of these lights ON. To operate SCENE 1 from your car, you will also need to program one button of the remote located in your car to SCENE 1.	1 - Wireless Gateway, WDHA-12R 1 - Keychain Remote, (3973C) or any built-in vehicular remote control 3 -Dimmer Switch Module HA-06WD (for each light switch) 2 - Lamp Module, HA-03WD (for lamp in kitchen and family room)
2. In your car and leaving your home you wish to turn off the outside lights near the garage, front door and rear door, as well as interior lights and appliances and also turn on your security alarm. Wireless Gateway SCENE 2 can be programmed to turn all of these modules OFF and to turn ON the security alarm. To operate SCENE 2 from your car, you will also need to program one button of the remote located in your car to SCENE 2.	1 - Wireless Gateway, WDHA-12R 1 - Keychain Remote, (3973C) or any built-in vehicular remote control 3 -Dimmer Switch Module HA-06WD (for each light switch) 2 - Lamp Module, HA-03WD (for lamp in kitchen and family room)
3. Noises outside your home awaken you during the night. SCENE 3 is programmed to turn on only the outside lights. You can turn on SCENE 3 with your Keychain Remote from your bedroom to illuminate the area and scaring off any potential intruders.	1 - Wireless Gateway, WDHA-12R 1 - Keychain Remote, 3973C 3 -Dimmer Switch Module HA-06WD (for each light switch) 2 - Lamp Module, HA-03WD (for lamp in kitchen and family room)
4. Lights out! You have tucked your 2 children in bed and one has your permission to read for 15 minutes while the other has your permission to watch TV for 15 minutes. After 15 minutes you want to turn off their lights and TV. SCENE 2 is programmed to their bedroom lights, lamps and to a TV in the childs room. Using your Keychain Remote you can turn their lights and TV off.	1 - Wireless Gateway, WDHA-12R 1 - Keychain Remote, 3973C 2 -Dimmer Switch Module HA-06WD (for each light switch) 2 - Lamp Module, HA-03WD (for lamp in kitchen and family room) 1 - Appliance Module HA-02WD(for the TV)

Button Combinations

Use this procedure to program your Keychain Remote for up to 6 actions.

In any of the previous programming instructions at the point where you need to activate a transmitter button to complete the programming step, simply simultaneously press a combination of any two buttons. Then to activate that programmed action, simultaneously press those two buttons.

Example of Use: Single Big button is programmed only to activate Garage Door Opener, while each of the two smaller buttons are programmed to SCENE 1 and 2 of the Gateway Module. SCENE 3 of the Gateway module can be programmed to activate by pressing the two smaller buttons at the same time.



Press 2 Transmitter buttons at the same time

Troubleshooting

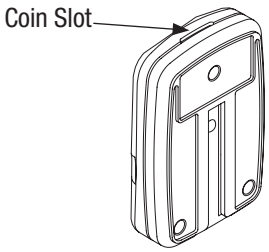
Problem:

- The range of the transmitter is reduced.

Solution:

Replace Battery:

To change the batteries, insert a coin in the coin slot and twist to access the battery compartment. Your transmitter may use one or two CR2016 batteries. Remove the batteries from the battery cage and replace with fresh batteries. Be sure to maintain the correct polarity (+).



Troubleshooting	
Problem: • One of my Wireless Gateway SCENES is not working.	The Wayne Dalton Wireless Gateway can be activated by up to 12 transmitter programs. When exceeded the last one programmed will be dropped.
• My operator no longer works with my remote.	The Wayne Dalton operator can be activated by up to six remote control devices (including wall station and keyless entry controls). If a seventh control is programmed, one of the programmed controls will be overwritten and will no longer activate the operator. To clear the programming of all remote control devices, press and hold the DoorMaster™ light fixture program button, idrive®, Quantum™ or Classic drive™ operator program button for approximately ten seconds. When the DoorMaster™, Quantum™, Classic drive™ status LED goes out or idrive® operator beeps three times, then all controls are erased.

Covered by one or more of the following Patents D413,055; D413,579; D413,867; D421,031; D472,568; D472,910; D473,573; D473,574; D505,393; 5,929,580; 5,931,212; 6,078,249; 6,161,438; 6,145,570; 6,164,014; 6,325,134; 6,326,751; 6,326,754; 6,401,792; 6,561,255; 6,561,256; 6,568,454; 6,588,156; 6,605,910; 6,667,591; 6,739,372; 6,845,804; 6,851,465; 6,873,127; 6,880,609; 6,903,650. Other US and Foreign Patents pending.

FCC and IC Statement

FCC Regulatory Information:
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:
a) reorient or relocate the receiving antenna,
b) increase the separation between the equipment and receiver,
c) connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

IC Regulatory Information:
This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Cet appareillage numérique de la classe B répond a toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

WARNING: Changes or modifications to this receiver not expressly approved by Wayne-Dalton Corp. could void the user's authority to operate this equipment.

 Part No.0001766 RevA New 08/27/07
You can reach us via email at homesettings@wayne-dalton.com for Consumer Assistance
or online at www.wayne-dalton.com/access