

# ECHO-COLOR

## OWNER'S & INSTALLATION GUIDE

### ***COLOR 2-WAY UPGRADE KIT***



**THIS IS A TEMPORARY COVER  
THE FINAL COVER IS IN A SEPARATE FILE**

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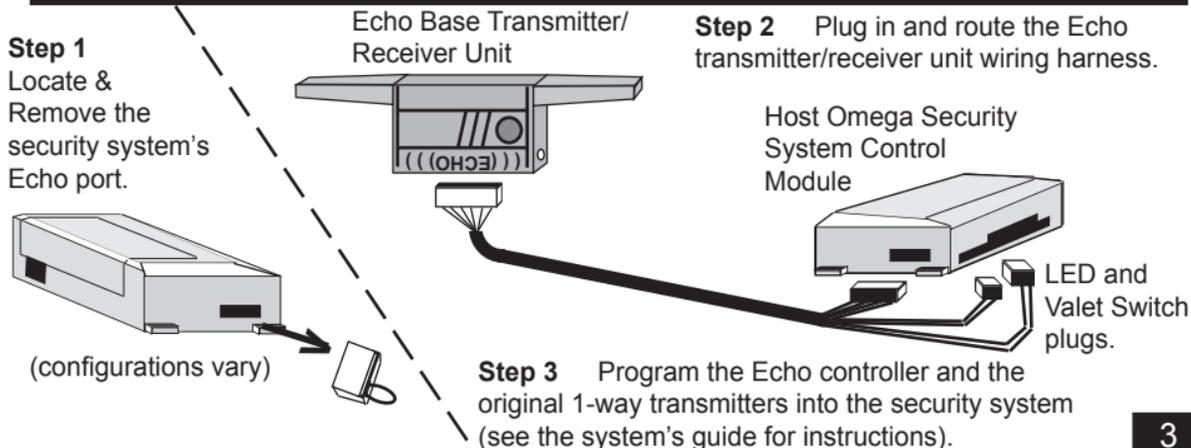
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## Installing & Programming The ECHO System

The ECHO-COLOR communicates with a window-mounted base unit which is plugged directly into the host security system module. The window-mount antenna should be mounted directly to the interior glass by utilizing the attached adhesive pad (clean the glass before adhering) for the best performance. The receiver/transmitter also contains alternative Status Lights and a Valet Switch. these may be used, or the original items may be retained.

**NOTE: You must POWER ON the controller before use or charging (see page 6). It is recommended to fully charge the controller before use.**

**NOT ALL SYSTEMS ARE COMPATIBLE. THE SYSTEM'S MAIN UNIT MUST HAVE A GREEN ECHO PORT TO WORK PROPERLY WITH ECHO-COLOR**



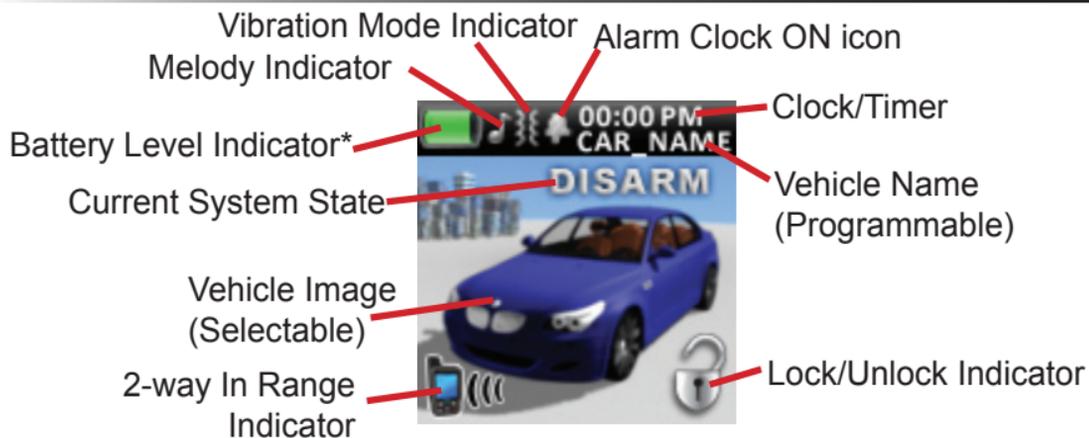
## Overview Of The Controller

- 1) **Antenna:** Sends commands to the system and receives confirmations for 2-way functions.
- 2) **OLED Display:** Displays all controller functions as well as the status of your system.
- 3) **Blue LED:** Flashes while transmitting and indicates battery charging status.
- 4) **Control Buttons:** These are the primary use buttons. They control the system and are used to navigate the menu options.
- 5) **Charger Port:** This is where you plug in the charger to recharge the controller's battery.
- 6) **Programming Button:** This is used for setting controller features, programming the clock, and many other functions see “other controller functions” later in this manual.



**Controller part number:  
153-07**

## The ECHO-COLOR Status Screen



\*The controller is powered by a built-in rechargeable battery. When the battery level indicator shows a low battery, plug the supplied USB cable into the controller, then connect the other end to the supplied AC adapter, car adapter, or your computer's USB port. While charging, the indicator will flash from empty to full and the blue LED will flash once every 5 seconds while charging. When full, the indicator will be solid green and the blue LED will turn on solid.

## Using The ECHO-COLOR Controller

### FIRST TIME USE & CONTROLLER SETUP

Before the controller will function properly, you must perform the POWER ON procedure below, AND, it must be programmed to your system. Remember, this system operates on 900MHz so your original 433MHz controllers are not compatible with this system. If you need a standard 1-way controller, you will need to buy part number 1410-07. Visit [www.caralarm.com](http://www.caralarm.com) or talk to your dealer.

**ALL STANDARD FUNCTIONS ARE DETERMINED BY YOUR ORIGINAL SYSTEM. THE FOLLOWING PAGES ONLY DISCUSS THE MOST COMMON OPERATIONS. SEE YOUR SYSTEM'S OPERATION GUIDE FOR MORE DETAILED INFORMATION.**

### POWER ON/OFF MODE

**NOTE: The controller is shipped in POWER OFF mode. If you plug in the charger before performing the POWER ON procedure, you must POWER OFF the controller, then POWER ON again.**

**POWER ON: Press the "P" button for more than 1 second**

**POWER OFF: Press the "P" and the "★" buttons simultaneously for more than 1 second**

## Using The ECHO-COLOR Controller (cont'd)

**LOCK / ARM:** Press and release the “LOCK” button.



- YOUR SYSTEM SHOULD REACT AS IT DID WITH YOUR ORIGINAL CONTROLLER.
- UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, THE CONTROLLER WILL PLAY THE LOCK/ARM ANIMATION AND BEEP ONCE

**NOTE: PRESSING LOCK TWICE IN 5 SECONDS STARTS THE PARKING TIMER. THE CLOCK WILL CHANGE TO 0:00 AND START COUNTING IN MINUTES & HOURS.**

**UNLOCK / DISARM:** Press and release the “UNLOCK” button.



- YOUR SYSTEM SHOULD REACT AS IT DID WITH YOUR ORIGINAL CONTROLLER.
- UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, THE CONTROLLER WILL PLAY THE UNLOCK/DISARM ANIMATION AND BEEP TWICE.

## Using The ECHO-COLOR Controller (cont'd)

**TRUNK RELEASE / CHANNEL 2:** Press the “TRUNK” button for 3 seconds.



- YOUR SYSTEM SHOULD REACT AS IT DID WITH YOUR ORIGINAL CONTROLLER.
- UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, THE CONTROLLER WILL PLAY THE TRUNK RELEASE ANIMATION AND BEEP TWICE

**REMOTE START:** Press and release the “\*” button twice within 5 seconds (standard/default operation).



- YOUR SYSTEM SHOULD REACT AS IT DID WITH YOUR ORIGINAL CONTROLLER.
- UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, THE CONTROLLER WILL PLAY THE REMOTE START ANIMATION AND PLAY A MELODY.
- THE CLOCK WILL CHANGE TO 0:00 TO START THE REMOTE START TIMER. IT WILL TIME HOW LONG THE ENGINE RUNS IN MINUTES & HOURS.

## Using The ECHO-COLOR Controller (cont'd)

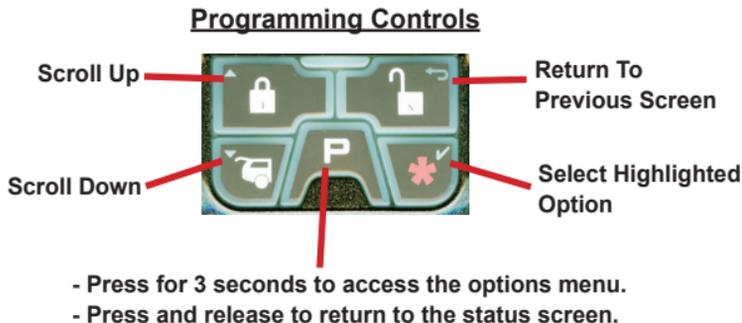
**CHANNEL 3:** Press the “TRUNK” & “\*” buttons.



- YOUR SYSTEM SHOULD REACT AS IT DID WITH YOUR ORIGINAL CONTROLLER.
- UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, THE CONTROLLER WILL PLAY THE CHANNEL 3 ANIMATION AND VOICE ALERT.

## Programming Controller Options

Each function button on the controller also serves for navigating through the option menus and making changes to the controller options. These secondary functions are indicated by small icons in the upper corners of each button. See below for an explanation of each button's function.

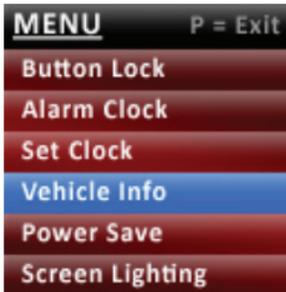


## **MULTI-CAR OPERATION**

The controller can operate up to 2 different systems. When controlling 2 systems, it will receive all status updates on the currently selected vehicle profile and will receive only trigger alerts for the 2nd vehicle. You can switch from one car to the other at anytime as well as choose a unique image and name for each vehicle. Use the following steps to change vehicle profiles as well as select the vehicle image and name.

## Programming Controller Options (cont'd)

### PROGRAMMING THE VEHICLE IMAGE & NAME



1) Press the “P” button for 3 seconds to access options.

2) Scroll down until “Vehicle Info” is highlighted (pictured to the left above).

3) Press the ✓ button to select.

4) Scroll to highlight Vehicle #1 or Vehicle #2

5) Press the ✓ button to select.

6) The image option will be highlighted. Scroll up or down to change the image. (pictured to the left)

7) Press the ✓ button to select.

8) The first letter of the name is highlighted. Use the up and down arrows to scroll through the alphabet/numbers. Press the ✓ button to move to the next space. Press ← to move back a space. The name can be up to 8 characters.



After selecting the 8th character, you will return to the Vehicle #1/#2 selection screen. Press the “P” button to return to status screen or press the ↵ button to return to the main menu.

## Programming Controller Options (cont'd)

### SELECTING VEHICLE #1 OR VEHICLE #2

**Vehicle #1:** Press the “P” and “LOCK” buttons for 1 second to select Vehicle #1. The controller will beep/vibrate once.

**Vehicle #2:** Press the “P” and “UNLOCK” buttons for 1 second to select Vehicle #2. The controller will beep/vibrate twice.

### BUTTON LOCK

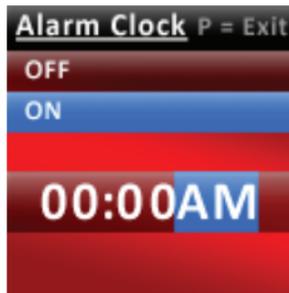


This feature disables the function buttons from operating when pressed. This prevents accidental system activation. To activate:

- 1) Press & hold the “P” button to access the options menu.
- 2) “Button Lock” will be highlighted by default.
- 3) Press the ✓ button to select. All function buttons are now locked.
- 3) To unlock the buttons, press “\*“ then “UNLOCK”.

## Programming Controller Options (cont'd)

### SETTING THE ALARM CLOCK



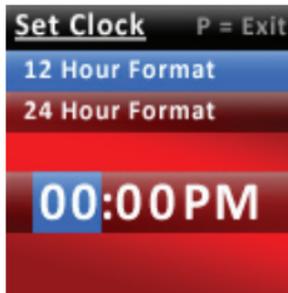
**\*To disable, perform steps 1-5 but select OFF on step 4**

**\*\*The alarm clock has an optional 24 hour format (see “setting the clock”)**

- 1) Press & hold the “P” button to access the options menu.
  - 2) Scroll down until “Alarm Clock” is highlighted
  - 3) Press the ✓ button to select.
  - 4) Scroll down to highlight ON\*.
  - 5) Press the ✓ button to select.
  - 6) The hour will now be highlighted. Scroll to select the desired hour.
  - 7) Press the ✓ button to select.
  - 6) The hour digits will now be highlighted. Scroll to select the desired hour.
  - 8) Press the ✓ button to select.
  - 9) The minute digits will now be highlighted. Scroll to select the desired minute setting.
  - 10) Press the ✓ button to select.
- END HERE IF CLOCK IS IN 24 HOUR FORMAT
- 11) AM/PM will now be highlighted\*\*. Scroll to select the desired setting.
  - 12) Press the ✓ button to select.

## Programming Controller Options (cont'd)

### SETTING THE CLOCK



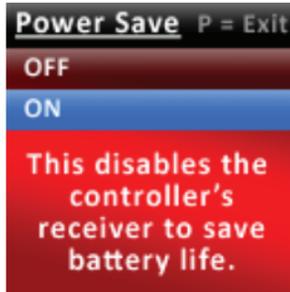
- 1) Press & hold the “P” button to access the options menu.
  - 2) Scroll down until “Set Clock” is highlighted
  - 3) Press the ✓ button to select.
  - 4) Scroll to highlight either 12 (AM/PM) or 24 hour format.
  - 5) Press the ✓ button to select. (the hour is highlighted)
  - 6) Scroll to select the desired hour.
  - 7) Press the ✓ button to select. (the hour is highlighted)
  - 8) The hour digits will now be highlighted. Scroll to select the desired hour.
  - 9) Press the ✓ button to select.
  - 10) The minute digits will now be highlighted. Scroll to the desired minute setting.
  - 11) Press the ✓ button to select.
- END HERE IF CLOCK IS IN 24 HOUR FORMAT
- 12) AM/PM will now be highlighted. Scroll to select the desired setting.
  - 13) Press the ✓ button to select.

## Programming The Controller Options (cont'd)

### POWER SAVE MODE

The 2-way portion of the controller can be disabled completely to save battery life while traveling or out of range of the vehicle. To set power save:

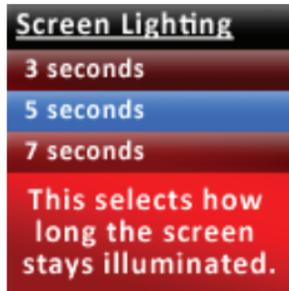
- 1) Press & hold the “P” button to access the options menu.
- 2) Scroll down until “Power Save” is highlighted
- 3) Press the ✓ button to select.
- 4) Scroll to select ON or OFF, whichever is desired.
- 3) Press the ✓ button to select.



When Power Save mode is ON, you will not receive any 2-way confirmations. Additionally, there will be a red X over the “in range” indicator in the lower left corner of the status screen (pictured to the left).

## Programming The Controller Options (cont'd)

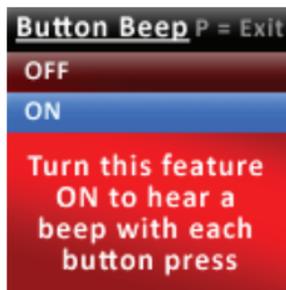
### SCREEN LIGHTING



This option selects how long the screen will stay lit before turning back off. Keep in mind that longer settings sacrifice some battery life. To program:

- 1) Press the "P" button to access the options menu.
- 2) Scroll down until "Screen Lighting" is highlighted
- 3) Press the ✓ button to select.
- 4) Scroll to select the desired time interval.
- 3) Press the ✓ button to select.

### SELECTING BUTTON BEEP

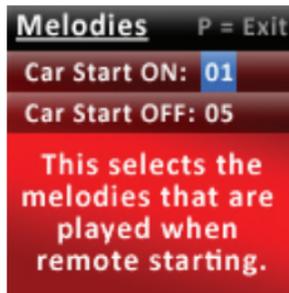


With this option turned ON, the controller will beep to confirm each button press. The default setting is OFF. To turn ON/OFF, use the following procedure:

- 1) Press the "P" button for 3 seconds to access options.
- 2) Scroll down until "Button Beep" is highlighted
- 3) Press the ✓ button to select.
- 4) Scroll up or down to highlight the desired setting.
- 5) Press the ✓ button to select.

## Programming The Controller Options (cont'd)

### SELECTING REMOTE START MELODIES



This option allows you to select from 5 different melodies to indicate when remote start is turned on and off. To change the setting, use the following procedure:

- 1) Press the “P” button for 3 seconds to access options.
- 2) Scroll down until “Melodies” is highlighted
- 3) Press the ✓ button to select.
- 4) Scroll up or down to highlight the desired setting.
- 5) Press the ✓ button to select.

### DEMO MODE

Demo mode will show you a demonstration movie of all the controller’s confirmation animations and alerts. To view demo mode, use the following steps.

- 1) Press the “P” button for 3 seconds to access options.
- 2) Scroll down until “DEMO” is highlighted
- 3) Press the ✓ button to select.

## Programming The Controller Options (cont'd)

### SELECTING MELODY & VIBRATE MODES

Whenever 2-way alerts are received from the system, the controller can alert you with a melody, vibration, or both. By default, the controller is set for melody only. **Press the “P” and trunk buttons simultaneously for 2 seconds to scroll through each setting.** The sequence is VIBRATE only, MELODY & VIBRATE, MELODY only. The melody and vibrate icons at the top of the status screen will change to indicate your selection.

### **PARKING TIMER & REMOTE START TIMER**

The controller has 2 convenient timer functions. The PARKING TIMER tells you how long you've been parked in case you are at a parking meter or other parking areas with time restrictions. The REMOTE START TIMER tells you how long your engine has been running in remote start mode.

**PARKING TIMER:** Press LOCK twice within 5 seconds. When the controller receives both LOCK confirmations, it will start the timer.

**REMOTE START TIMER:** This turns on every time you remote start.

**Note:** Pressing the “P” during either timer mode will switch between the timer and clock.

**THIS IS A TEMPORARY COVER  
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