

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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 instructions, 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 to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- 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.

This device complies with Part 15 of the FCC Rules. 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.

OMEGA
RESEARCH AND DEVELOPMENT, INC.

MA_ECHO-TOUCH

ECHO TOUCH

2-WAY PAGER TECHNOLOGY

MODEL NO.701



OPERATION AND INSTALL GUIDE



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Other Controller Functions (cont'd)

POWER OFF MODE

The controller can be turned off completely to save battery life while traveling or out of range of the vehicle. To turn the controller off:

- 1) Access SCREEN 5 (see page 17)
- 2) Press the POWER OFF icon (see page 17)
- 3) You will see a warning screen asking you to confirm.
- 4) Press the FOLDER icon to confirm.

To turn the controller back on, press the HOME button.

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. This is a good indicator to judge how long you have left in the remote start run cycle.

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 home screen during either timer mode will show the time clock for 2 seconds before returning to the timer.

Programming The Controller Options (cont'd)

SETTING THE SCREEN ON TIME

- 1) Access SCREEN 5 (see page 17)
- 2) Press the SCREEN ON TIME icon (see page 17)
- 3) Choose the 5, 10, or 15 second preset and, if desired, adjust with the +/- 1 second increment icons.
- 4) Press the FOLDER icon to save the setting

SETTING THE SCREEN BRIGHTNESS

- 1) Access SCREEN 5 (see page 17)
- 2) Press the SCREEN BRIGHTNESS icon (see page 17)
- 3) Choose any of the 1-5 brightness settings to your liking.
- 4) Press the FOLDER icon to save the setting

Other Controller Functions

VIEWING THE ALARM TRIGGER HISTORY

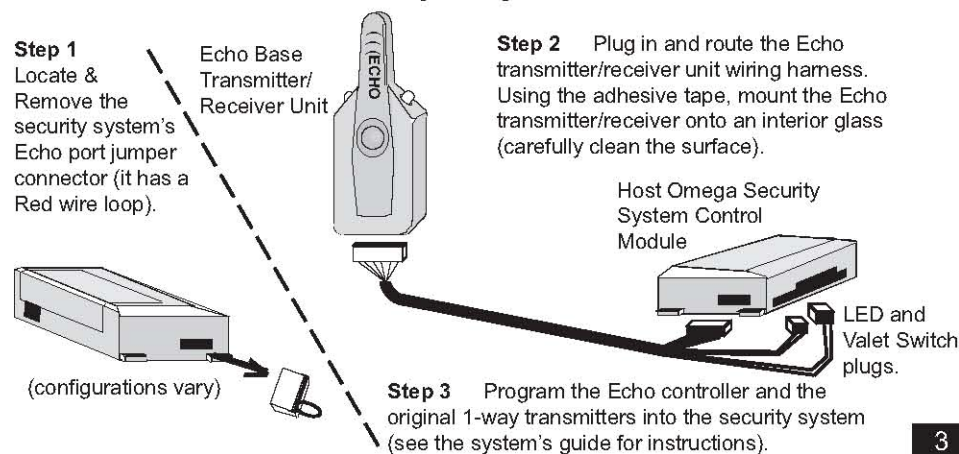
The controller will store recent alarm trigger events in a log that displays the date & time of the trigger as well as which zone was triggered. The history is cleared when you turn on the vehicle's ignition. To view the trigger history:

- 1) Access SCREEN 5 (see page 17)
- 2) Press the TRIGGER HISTORY icon (see page 17)
- 3) Press the HOME button to exit.

Installing & Programming The ECHO System

The ECHO-TOUCH 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: It is recommended to fully charge the controller before use.



Overview Of The Controller

- 1) **Antenna:** Sends commands to the system and receives confirmations for 2-way functions.
- 2) **Touch Screen LCD:** Displays all controller function buttons as well as the status of your system.
- 3) **Home Button:** This wakes up the controller when the screen is off and returns you back to the status screen.
- 4) **Charger Port:** This is where you plug in the charger to recharge the controller's battery.
- 5) **Keychain Loop:** Use this loop to attach the controller to your keychain.



Programming The Controller Options (cont'd)

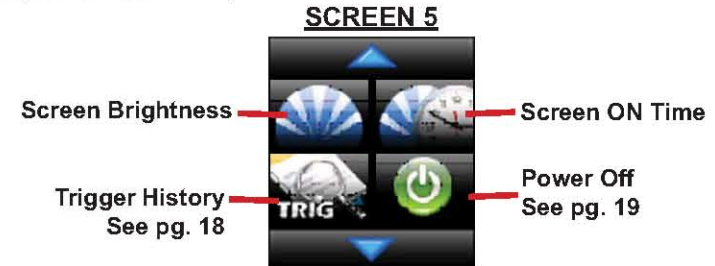
DEMO MODE

Demo mode will show you a demonstration movie of all the controller's available functions along with confirmation animations and voice alerts. To view demo mode, use the following steps.

- 1) Access SCREEN 4 (see page 15).
- 2) Press the DEMO icon (pictured on page 15).

LCD SCREEN DISPLAY OPTIONS OVERVIEW

The LCD screen has two adjustable parameters, SCREEN ON TIME and SCREEN BRIGHTNESS. Both settings have an effect on battery life. So, it is recommended to use the lowest settings your are comfortable with. These settings are accessed from SCREEN 5. To access SCREEN 5, press the home button, tap the screen, and press the DOWN ARROW 4 times.



Programming The Controller Options (cont'd)

SETTING THE TIME & DATE (cont'd)

4) Now, set the time using the +/- increment icons. You can increase or decrease the minute or hour by increments of 5 or 1.

~Use the GREEN UP ARROW to change from hours to minutes.

5) Press the FOLDER icon to save the date & time.

SETTING THE TIME FORMAT (12 OR 24 HOUR)

1) Access SCREEN 4 (see page 15)

2) Press the TIME FORMAT icon (pictured on page 15) to toggle between 12 & 24 hour fomats.

SETTING THE ALARM CLOCK

1) Access SCREEN 4 (see page 15)

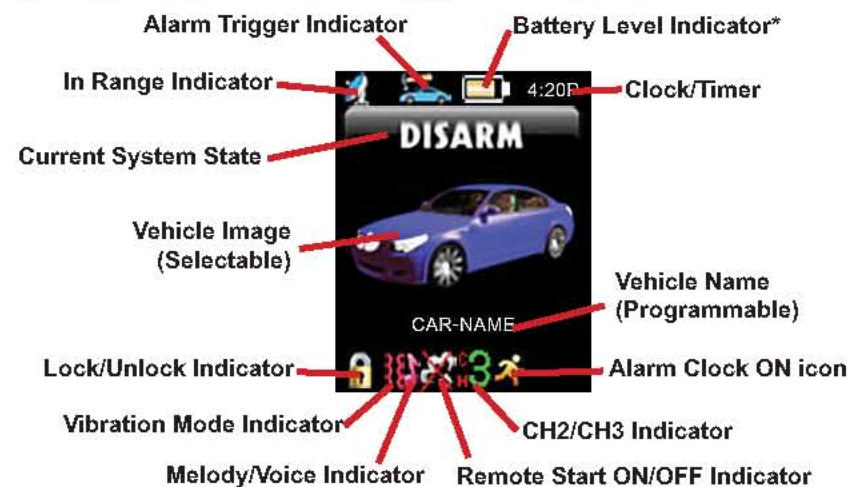
2) Press the ALARM CLOCK icon (pictured on page 15) to access the alarm clock screen.

3) Use the number pad screen to set the desired alarm time exactly in the same method used to set the clock time.

4) Press the FOLDER icon to save the alarm clock setting.

Note: To turn the alarm clock off, set the alarm time to midnight (12:00AM-12HR or 0:00-24HR)

The ECHO-TOUCH 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 or your computer's USB port. While charging, the indicator will increment from empty to full. When full, the indicator will show a plug icon.

Using The ECHO-TOUCH Controller

FIRST TIME USE & CONTROLLER SETUP

Before the controller will function properly, it must be matched to the type of system you have. The ECHO-TOUCH is compatible with many different systems so please follow these steps to configure it for yours:

- 1) Press the **HOME** button to turn on the controller.
- 2) Tap the screen to see the control icons
- 3) Press the **UP ARROW** once until you see SCREEN 6 (pictured to the right).
- 4) Press the **SYSTEM TYPE** button
- 5) Select one of the following options:

Alarm System Only: Use this setting for systems without a built-in remote start option.

GEN 1 Remote Start: Use this setting if you press LOCK+UNLOCK to activate your remote starter.

GEN 2 Remote Start: Use this setting if you press the "|||" button or a single dedicated "START" button to activate your remote starter.

- 6) Press the "FOLDER" button to save the setting.

LANGUAGE SELECTION

Go to SCREEN 6 and choose: American flag = **ENGLISH**
Spanish flag = **SPANISH**

SCREEN 6



System Type Select

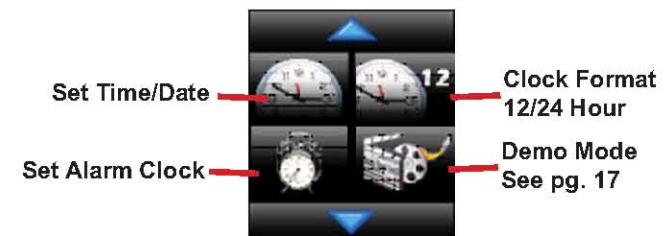


Programming The Controller Options (cont'd)

CLOCK & TIME OPTIONS OVERVIEW

The controller's clock has 3 programmable options. You can set the time & date, select 12 or 24 hour format, and program the built-in alarm clock. To program these options, you must first access SCREEN 4 by pressing the home button, tapping the screen, and pressing the DOWN ARROW 3 times.

SCREEN 4



SETTING THE TIME & DATE

- 1) Access SCREEN 4 and press the "SET TIME/DATE" icon.
- 2) Use the number pad screen to set the date. Format: MMDDYY
~ BLUE arrow = Backspace
- 3) Once the date is correct, press the GREEN arrow to save.

Programming The Controller Options

SELECTING BUTTON BEEP, MELODY, & VIBRATE MODES

The controller has 3 different type of alert modes. **BUTTON BEEP** configures the controller to beep as a confirmation when you press any icon on the screen. The **MELODY** and **VIBRATE** settings configure how you are alerted any time the controller receives a confirmation or alert from the vehicle's system. **MELODY** turns on/off all audible alerts including voice alerts. **VIBRATE** mode turns on/off vibration alert. To change these options:

- 1) Access SCREEN 3 (see page 12) and press the alert icon (pictured below).
- 2) Change the alert settings as desired according to the diagram below.
- 3) Press the folder icon to save the setting

1 Alert Icon



2 Alert Settings

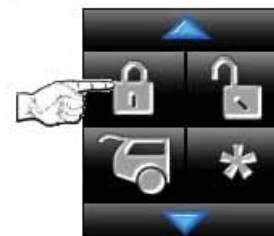


Using The ECHO-TOUCH Controller (cont'd)

CONTROLLING YOUR SYSTEM

SCREEN 1: To access, press the HOME button and tap the screen.

LOCK: Press and release the "LOCK" icon.



- YOUR SYSTEM SHOULD REACT THE SAME AS WITH YOUR ORIGINAL CONTROLLER.
 - UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, IT WILL PLAY THE LOCK/ARM ANIMATION AND VOICE ALERT.
- NOTE: PRESSING LOCK TWICE IN 5 SECONDS STARTS THE PARKING TIMER. THE CLOCK WILL CHANGE TO 0:00 AND START COUNTING IN MINUTES & HOURS.**

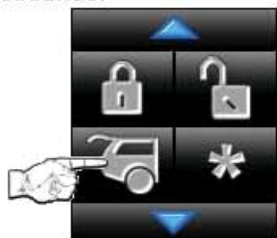
UNLOCK: Press and release the "UNLOCK" icon.



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

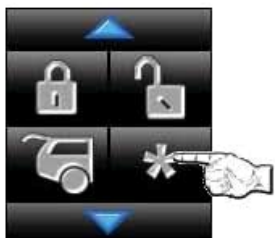
Using The ECHO-TOUCH Controller (cont'd)

TRUNK RELEASE / CHANNEL 2: Press the and hold the "TRUNK" icon for 3 seconds.



- YOUR SYSTEM SHOULD REACT THE SAME AS WITH YOUR ORIGINAL CONTROLLER.
- UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, IT WILL PLAY THE TRUNK RELEASE ANIMATION AND VOICE ALERT

START (GEN 1/GEN 2 REMOTE START): Press and release the "*" icon using the same method as with the original controller (i.e., 1 or 2 presses, etc).



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

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Multi-Car Operation & Vehicle Profiles (cont'd)

SELECTING CAR1 OR CAR2

Once the vehicle names have been programmed for both vehicle profiles, you can simply switch between the two as needed. To do so:

- 1) Tap the desired vehicle's icon (CAR1 or CAR2) on SCREEN 3 as if you are going to change the name.
- 2) Then, press the GREEN arrow icon to select that profile.



SELECTING THE VEHICLE IMAGE

You can select a different vehicle image for each vehicle profile if desired. The controller is preloaded with 3 different vehicle images, a CAR, TRUCK, and SUV. To change the image, follow these steps:

- 1) Make sure you are already in the desired vehicle profile (CAR1 or CAR2).
- 2) Access SCREEN 3
- 3) Press the VEHICLE IMAGE icon (pictured to the right) to view the image select screen.
- 4) Press the GREEN UP ARROW to change the image.
- 5) Press the FOLDER icon to save your selection.



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Multi-Car Operation & Vehicle Profiles

MULTI-CAR OPERATION

The TOUCH controller can operate up to 2 different systems. When controlling 2 systems, the controller 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 THE VEHICLE NAME

1) Access **SCREEN 3**: press the HOME button, tap the screen, press the down arrow twice.



2) Press the "CAR1" icon (pictured to the left). You will then see the "CAR 1 NAME" screen.

3) Program the name you desire (up to 16 characters)
BLUE arrow: Backspace
YELLOW arrow: Scrolls through numbers, letters, and symbol screens

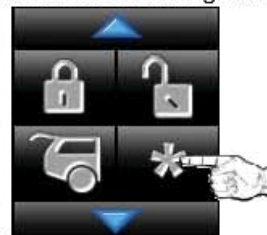
4) Press the GREEN arrow to save the name.

NOTE: Programming the name for CAR2 is the same procedure, except you will need to press the CAR2 icon in step 2.

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Using The ECHO-TOUCH Controller (cont'd)

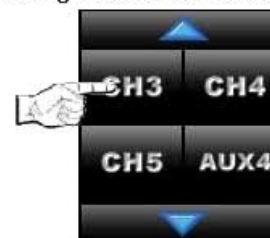
CHANNEL 3 (ALARM ONLY): Press and release the "*" icon using the same method as with the original controller (i.e., 1 or 2 presses, etc).



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

SCREEN 2: To access, press the HOME button, tap the screen, press the down arrow once.

CHANNEL 3 (GEN 1/GEN 2 REM START): Press and release the "CH3" icon using the same method as with the original controller (i.e., 1 or 2 presses, etc).

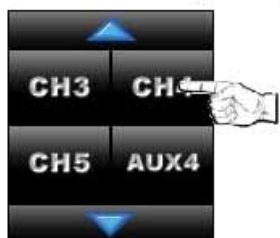


- YOUR SYSTEM SHOULD REACT THE SAME AS WITH YOUR ORIGINAL CONTROLLER.
- UPON RECEIVING CONFIRMATION FROM YOUR SYSTEM, IT WILL PLAY THE CHANNEL 3 ANIMATION AND VOICE ALERT.

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Using The ECHO-TOUCH Controller (cont'd)

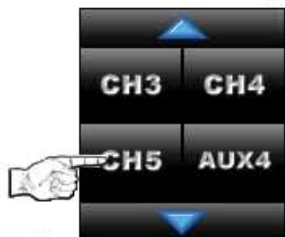
CHANNEL 4 (IF EQUIPPED): Press and release the "CH4" icon using the same method as with your original controller (i.e., 1 or 2 presses, etc).



• YOUR SYSTEM SHOULD REACT THE SAME AS WITH YOUR ORIGINAL CONTROLLER.

NOTE: THE "CH3" ICON WILL NOT BE VISIBLE WHEN THE CONTROLLER IS SET FOR "ALARM ONLY" UNDER THE "SYSTEM TYPE" SETTING.

CHANNEL 5 (IF EQUIPPED): Press and release the "CH5" icon using the same method as with your original controller (i.e., 1 or 2 presses, etc).

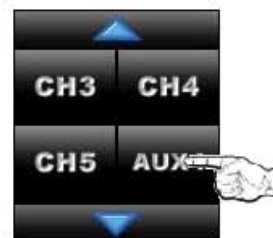


• YOUR SYSTEM SHOULD REACT THE SAME AS WITH YOUR ORIGINAL CONTROLLER.

NOTE: THE "CH3" ICON WILL NOT BE VISIBLE WHEN THE CONTROLLER IS SET FOR "ALARM ONLY" UNDER THE "SYSTEM TYPE" SETTING.

Using The ECHO-TOUCH Controller (cont'd)

AUX 4 (IF EQUIPPED): Press and release the "AUX4" icon using the same method as with your original controller (i.e., 1 or 2 presses, etc).



- AUX4 IS A VIRTUAL CHANNEL OUTPUT ON THE SYSTEM'S DATA PORT. IF USED, IT WAS CONFIGURED BY YOUR INSTALLER.
- YOUR SYSTEM SHOULD REACT THE SAME AS WITH YOUR ORIGINAL CONTROLLER.

NOTE: THE "CH3" ICON WILL NOT BE VISIBLE WHEN THE CONTROLLER IS SET FOR "ALARM ONLY" UNDER THE "SYSTEM TYPE" SETTING.