

INCLUDED PARTS

- echo™EYE Camera Unit
- echo™EYE Receiver
- Lithium Ion Batteries (2pcs.)
- DC Power Plugs (1 or camera, 1 for receiver)
- A/V Cable
- Cord Wrap
- User Guide with Warranty Card



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OPENING PACKAGE

- 1.** Carefully remove the tape from around the left and right hand side seams.
- 2.** Once the tape is removed carefully remove lid by lifting it and angling it back. By leaving the tape along the back side seam, you have effectively allowed the lid to hinge. (Figure 1)
- 3.** Remove echo™ EYE unit and cradle in which it rests. (Figure 1) The receiver unit is secured in place by both the adjustable metal stand and belt clip. First, apply pressure to both the left and right hand side of the plastic bracket on the tabs. At the same time, move the metal bracket up and over the small plastic locking tabs. Once the metal bracket has been unlocked, then locate the belt clip and pull back on it to fully remove the receiver unit from the mounting bracket. (Figure 2)
Next, turn the cradle upside down to remove the camera unit. The camera unit is secured to the cradle by one stainless steel screw. Turn the unit and cradle upside down and remove the stainless steel screw. The screw is designed such that a screwdriver or some other similar type object, like a penny, can loosen it (FIGURE 3).
- 4.** Once removed, locate the DC plugs, AV cable, lithium ion batteries and user guide from beneath the cradle in the bottom of the case. Once those items are located and removed, replace the cradle into the case and then secure the lid in the close position. (Figure 4)

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OPERATION

1. First, you will need to determine the power supply method that best suits your needs, either DC power or the rechargeable lithium ion batteries (included).

If you select the DC power plug power supply, then first locate the two plugs included – Part Number: EE1.0A1 (comes with 10 foot long cord for use with Receiver unit) and Part Number: EE1.0A2 (comes with 20 foot long cord for use with the Camera unit). Next, remove the zip tie from around the cords.

Once removed, take Part Number: EE1.0A1 and locate the 45 degree molded plug end and insert it into the power plug receptacle on the bottom right hand side of the Receiver unit. Once installed, plug the DC power plug wall unit into a wall receptacle. Once completed, the Receiver unit is ready to use.

Next, take Part Number: EE1.0A2 and locate the round plug end and insert it into the power plug receptacle on the back of the Camera unit. Once installed, plug the DC power plug wall unit into a wall receptacle. Once completed, the Camera unit is ready to use. *NOTE: This step comes after the installation step if you should decide to mount the camera unit to the wall.*



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If you select the lithium ion rechargeable battery supply, then locate the Camera unit. To install the lithium ion battery, turn the unit upside down and unscrew the screw in the battery door. (Figure 7) Remove the door and install the battery as indicated in the battery compartment. (Figure 8) Replace the battery compartment door and retighten screw.

To install the lithium ion battery in the Receiver unit, remove the battery compartment door located on the bottom of the back side by pressing the release button and sliding it down. (Figure 9) Once battery door is removed, install the one of the two included batteries per the direction as indicated on the bottom of the battery compartment (Figure 10). Once the battery is installed, replace the battery compartment door and lock it into place by sliding it back into the track.

NOTE: Make sure that the contacts on the battery and the contacts of the units are aligned.

2. To turn the units on you must now locate the power buttons. First, on the Camera unit locate the power button on the back side of the unit. Press and hold the power button for two seconds to turn the unit on (Figure 11). Next, on the Receiver unit locate the power button along the top of the unit. Press and hold the power button for two seconds to turn the unit on (Figure12).

NOTE: You must turn the Camera unit on first when you first power the system on. The Receiver and Camera units are already synchronized from the factory, so when you turn the units on the Receiver will automatically recognize the Camera it was shipped with.



If you purchase a single Camera unit as an accessory add on, then you will be required to synchronize the new Camera unit. Instructions for doing so will be contained within the packaging of the accessory Camera unit.

Operating the Receiver unit

1. Now that the Receiver unit is ready to use, let's get familiar with its features;

The Receiver has a speaker located on the bottom of the front panel for directional delivery of sound (Figure 13).

You can elect to either place the Receiver unit on a countertop or place it on your belt or in your pocket. Either way, the echoEYE has a solution to meet your needs. If you choose to place the Receiver unit on a table or countertop surface, locate the metal stand. It sits flush, recessed into the back panel of the unit (Figure 14). Once located, extend the stand to the desired angle. This will be based on both your height and the height of the surface on which the Receiver unit is placed. Every situation is different, as the goal is to maximize the view angle based on your specific environment.



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The Receiver unit has a unique button and plug layout.
Please reference Figure 15 for more details about the
Receiver unit layout.

Button layout

- A. Power
- B. Brightness
- C. Volume
- D. Vibrate

Front Panel

- E. “-”
- F. OK-Menu/Enter
- G. “+”

Plug layout

- H. Power plug (included)
- I. Headphones (not included)
- J. A/V Output (cable included)

Figure 14



Figure 15

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The Receiver screen has a very unique layout, giving you at a glance information. Please reference Figure 16 for more details.

- A. Time
- B. Date
- C. Volume level
- D. Camera names
- E. Signal strength
- F. Power Source

The Receiver unit comes fully programmed with the default settings from the factory. You have the ability to customize the solution by programming it for additional functionality.

Figure 16

A. B. C. D. E. F.



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PROGRAMMING

1. In order to program the unit for further customization, press the Menu button as located on the front of the Receiver unit. (Figure 17)



2. Once pressed, you will enter the Main Menu, with the two primary icons; "Camera Sync" and "Settings", use the "+" and "-" buttons to scroll right and left within the programming menus.



3. Scroll to the "Settings" icon (you will be able to identify the icon currently selected as it will be blue in color – the standard, unselected color is orange) and press the OK button.



4. Once selected, you will then be into the secondary programming screen with the following choices:

- A. Date & Time
- B. Power Save
- C. Camera
- D. Reset

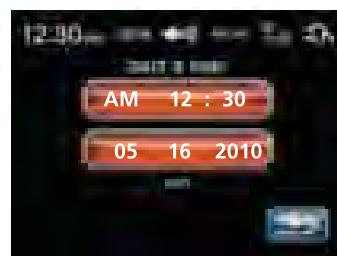
Use the "+" and "-" buttons to select the Date & Time icon. Then press the OK button and you will be taken to the Date & Time programming screen.



5. To set the date and time use the "+" and "-" buttons to scroll right and left within the screen, pressing the OK button once each element has been set.



6. Once completed, scroll all the way through the menu to the back icon and press the OK button. Once selected, this will take you back to the Settings menu page.





7. Use the "+" and "-" buttons to select the Power Saver icon. Then press the OK button and you will be taken to the Date & Time programming screen.



8. You have the ability to modify the amount of time that the Camera unit screen stays illuminated. Select either;
- A. Always On C. 5 Minutes
B. 1 Minute D. 10 Minutes

Use the "+" and "-" buttons to scroll right and left within the screen, pressing the OK button once you have the icon you want highlighted. Screen shown chooses "Always On".



- 8.** Once completed, scroll all the way through the menu to the back icon and press the OK button. Once selected, this will take you back to the Settings menu page.





9. Use the "+" and "-" buttons to select the Camera icon.
Then press the OK button and you will be taken to the
Camera programming screen.



Within the programming for Camera, you have the ability to associate a name with any Camera. Also, if you have multiple cameras, you can elect to have the system rotate between cameras automatically versus manually.

- 10.** To name a specific Camera unit, use the "+" and "-" buttons to select the Name icon and then use the OK button to select the actual Camera unit number you wish to name.



- 11.** Once the Camera unit number has been selected, you will then use the "+" and "-" buttons to scroll right and left within the letter listing, pressing the OK button once each letter has been identified. There are 8 alphabet positions allocated for naming each camera.

Once the name has been set, the Receiver will remember the programming each time it is powered ON/OFF, unless it has been physically reset.



13. If you have completed all of the desired programming, select the back icon and use the OK button to navigate back to the live video feed screen.



14. Finally, each unit comes with a Reset function that will wipe the programmed memory of the Receiver unit while also severing the link to any/all Camera units it was associated with prior. In the Settings Menu, use the "+" and "-" buttons to select the Reset icon and then use the OK button to reset all settings. It is not recommended to reset the Receiver unit unless instructed to do so by a Customer Service Representative in an effort to troubleshoot a potential problem.



Operating the Camera unit

1. The Camera unit has a unique button and plug layout. Please reference Figure 17 for more details about the Camera unit layout.



Button layout

- A. Power
- B. Sync
- C. Infrared Intensity Adjustment

Plug layout

- D. Power plug (included)
- E. LED Indicator

2. You must identify a suitable and safe location for mounting the Camera unit. Please pay particularly close attention to the mounting location to insure that the Camera unit sits-mounts level or flush and that the cords are not within reach of children.

You can mount the Camera unit one of two ways.

A. It can sit flush on any solid surface whereby all four foot pads rest flush on the surface. (Figure 18)

B. You can flush mount the Camera unit to any wall using the included wall anchor/hardware mounting kit. (Figure 19).

Find the enclosed screws and anchors. Use a 1/4" drill to make two holes in the wall that are centered 2 7/16 inches apart. Push the anchors into the holes until they are flush with the wall. Then, insert the screws into the anchors, screwing them into the anchors until there is about 1/4 to 1/8 inch left between the wall and the head of the screws. Take the EYE Camera unit and align the holes on the bottom with the heads of the screws. Push the unit against the wall and slide down, over the heads of the screws. Your EYE unit is now ready for use. (Figure 20)



You will need to make sure that the child's bed or crib is far enough away from the Camera unit and its wires such that the child cannot reach or accidentally get a hold of them (Figure 21). The power plug wires could be a choking hazard.

When the Camera unit is flush mounted to a wall, you must use the included Cord Wrap to properly align the cable closely to the wall to insure it stays out of reach of children.

Find the enclosed screws and anchors. Use a 1/4" drill to make two holes in the wall that are centered 1 5/8 inches apart. Push the anchors into the holes until they are flush with the wall. Then, position the Cord Wrap with the screws inserted into the holes over the wall anchors and tighten screws. Do not overtighten, as too much pressure could damage Cord Wrap.

Once installed, wrap any excess slack cord between the unit and outlet around the cord Wrap. Press the core into the "S-groove" to secure the cord to the Cord Wrap. (Figure 22)

3. Once mounted on either a flat solid surface or flush mount to a wall, you will then need to adjust the camera head in order to optimize aim. The Camera units head has a full angle of rotation allowing you to mount it virtually anywhere and still be able to aim at the intended target. (Figure 23)

4. The Camera unit comes with a high intensity, yet safe, infrared flash for nighttime use. At night, or in low light settings, the infrared flash will automatically activate (through the use of the onboard photocell eye) to allow for proper viewing conditions.



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In order to optimize the solution for the current environment of use, the Camera unit allows for infrared intensity adjustment. (A. on Figure 23)

Please note that the Camera unit will transmit images in color during the daytime, or when artificial light allows, and in black and white during night time or low light situations. (Figure 24)

OTHER USEFUL INFORMATION

1. Digital transmission

No more interference from standard household appliances and related, such as microwaves, 2.4Ghz and 5.8Ghz cordless phones, cell phones, etc. New 2.4 GHz digital wireless technology allows for a 100% secure, encrypted signal with an effective unimpeded range of up to 600 feet. In most cases, and depending on true internal environmental conditions of your home (or other place of use), effective distance is typically up to 150 feet.

2. Charging Lithium ion batteries

Included with the echoTMEYE solution are two long lasting, rechargeable Lithium Ion batteries for both camera and receiver (not alkaline). Depending upon distance, and other device settings, they may last up to 30 hours on a single charge. To charge these batteries, place them in their respective battery compartments. See page 7, Figures 7-10. Once the compartment door is securely in place, plug the correct DC power plug into the unit and then into a wall receptacle. The blue light on the front of the units will illuminate while the

Figure 23



Figure 24



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batteries are charging. If operating on battery power, the blue light located on the front of the unit will FLASH when the battery is low. (Figure 25) If not in the same room as the Camera Unit, the Receiver unit will visibly notify you (Figure 26) that the Camera unit battery is low.

Do not dispose of the Lithium Ion battery in the trash. If the battery is no longer good please take the battery to a local battery specialty store for proper disposal.

3. Blue lights

The blue lights located on the front panels of both the Receiver and Camera units can mean several things; First, when you power the units on for the first time, the lights will illuminate for 30 seconds to visibly notify you that the units have power ON. Once 30 seconds has passed, the light will turn off to conserve power. And second, when charging the batteries the blue lights will flash intermittently to visibly notify you that the battery is charging.

4. Out of Range notification

The echo™EYE solution will both visibly and audibly notify you when the Receiver unit has travelled to a location whereby it can no longer effectively communicate with the Camera unit. A flashing icon will alert you so you can then relocate the unit to a more suitable area where the signal is uninterrupted. (Figure 27)

5. Synchronization notification

If the unit's software is ever RESET, the Receiver and Camera units will have lost their linkage. If this ever happens, the Receiver and Camera units must resynchronize themselves in order to function properly.



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There is a dynamic graphical icon that will notify in the event the Receiver unit is trying to synchronize. (Figure 28) If you ever see this icon, please power ON the Camera unit and then depress the SYNC button located on the back side of the unit. (Figure 29) This will then complete the process and the two units will effectively pair. If you ever have any questions about this process, please do not hesitate to contact our customer service department and ask for assistance.

7. Using with A/V output

The echoTMEYE solution comes with a cable that will allow you to plug the Receiver unit directly into your television set. Plug the single side into the right hand side top jack of the Receiver (Figure 30) and then plug the audio/video plugs into their respective jacks located somewhere on your television. All television sets are different, so some jacks may be located either on the front panel, side panel or on the back side. Once completed, tune your television set input to the same as the jack location where you plugged the cables into.

8. Using with headphones or the vibrate function

The echoTMEYE Receiver unit is designed to meet the demands of the modern parent. You can either leave the unit alone and let the sound emit from the speaker located on the front panel, or you can use headphones or tune the unit to vibrate when you are either needing to be quiet or you find yourself more active and the physical notification is the most appropriate. Either way, the unit should allow for ultimate flexibility based on your lifestyle.

Figure 28



Figure 29



Figure 30

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MAINTENANCE

Batteries

- It is recommended that if you are not intending to use either the Receiver or Camera units with battery power, that you DO NOT insert the batteries into the units themselves. This will maintain the integrity of the batteries for when you need them most.
- Always check the terminal of the batteries before you insert them into the units and make sure they are clear of any debris or build-up, as this may interfere with unit operation.

CUSTOMER SERVICE

If at any point you have questions or comments about the unit, please do not hesitate to contact our Customer Service Department at 888-639-1117. echOBABY™ Customer Service is available from 8:00am to 5:00pm CST, Monday thru Friday.

WARRANTY

Echelon Partners warrants only to the original purchaser of this product from an Echelon Partners-authorized reseller or distributor that this product will be free from defects in material and workmanship under normal use

and service for one year after date of purchase. Echelon Partners reserves the right, before having any obligation under this limited warranty, to inspect the damaged product, and all costs of shipping the product to Echelon Partners for inspection shall be borne solely by the purchaser. In order to recover under this limited warranty, Purchaser must make claim to Echelon Partners within 60 days of occurrence, and must present acceptable proof of original ownership (such as original receipt, warranty card registration, on-line registration, or other documentation Echelon Partners deems acceptable) for the product. Echelon Partners, at its option, shall repair or replace the defective unit covered by this warranty. Please retain the dated sales receipt as evidence of the original purchaser's date of purchase. You will need it for any warranty service. In order to keep this limited warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying this warranty.

This limited warranty does not cover any damage due to accident, misuse, abuse or negligence. This limited warranty is valid only if the product is used with the equipment specified on the product box. Please check product box for details or call echoBABY™ technical support. This limited warranty is non-transferable and does not apply to any purchaser who bought the product from a reseller or distributor not authorized by Echelon Partners, including but not limited to purchases from internet auction sites.

DISCLAIMER

Echelon Partners reserves the right to make changes to product features, functionality and physical design at its sole discretion. As a result, such changes may not be reflected in this version of the user's guide.

FCC STATEMENT

1. 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.
2. Changes or modifications not expressly approved by the party responsible for
compliance could void the user's authority to operate the equipment.

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 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.

3. FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.