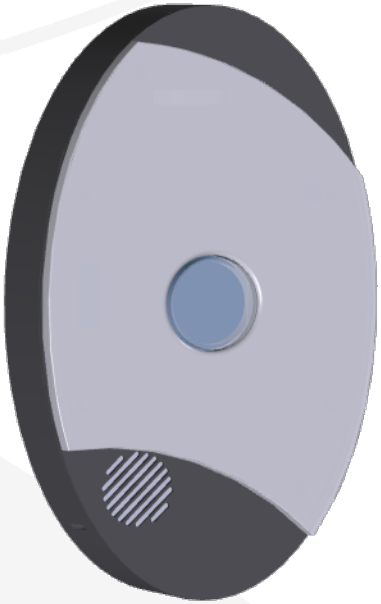
EasyAssist

Direct to Radio Call Button



Operating Manual

NOTES:

Contents

Introduction

Thank you for purchasing the Alert Technologies EasyAssist. The EasyAssist was designed for easy deployment, maintenance, durability, and rock solid operation for years. We encourage you to consider the various areas in your facility that would benefit from the EasyAssist. Any place you have a need for 2-Way radio communications, you can quickly add efficiencies with the deployment of the EasyAssist.

Once again thank you for purchasing a product completely Made in the USA by people who care about what they do and how it benefits the people around the country and the world.

Very best regards,
Alert Technologies, Inc.

RF Safety and Compliance

EasyAssist is a device that complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

You may be required to obtain and maintain a license from the FCC to operate this device in your environment. Please contact the FCC via the following contact information to ensure your compliance.

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
1-888-225-5322 (1-888-CALL FCC) Voice: toll-free
1-888-835-5322 (1-888-TELL FCC) TTY: toll-free

To comply with FCC's and Industry Canada's RF exposure requirements, only use the integral antenna within the Easy Assist. . Any changes or modifications to the antenna could cause the radiated power to change.

The unit must not be co-located with any other antenna or transmitter device and have a separation distance of at least 20 cm [7.87 in] from all persons.

Canadian Compliance

EasyAssist is a device that complies with part Industry Canada rules. Operation is subject to the condition that this device does not cause harmful interference.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

You may be required to obtain and maintain a license from the FCC to operate this device in your environment. Please contact the FCC via the following contact information to ensure your compliance.

For Canadian Regulations and Compliance contact:

Industry Canada

C.D. Howe Building
235 Queen Street
Ottawa, Ontario K1A 0H5
Canada

Toll-free: 1-800-328-6189 (Canada)

The EasyAssist requires care in mounting and servicing. Observing the following precautions will ensure the proper function and safety of the unit.

CAUTION!

- Do not screw through the device to mount to a surface.

- Keep the EasyAssist away from water, high moisture, or high temperatures.

- This equipment contains potentially hazardous voltages. Do not attempt to disassemble the unit.

- Excepting the batteries this unit contains absolutely no user serviceable components and all service should be completed only by qualified service personnel.

- Do not dispose of batteries in fire. The batteries may explode.

- Do not open or mutilate the batteries, they contain dangerous electrolytes.

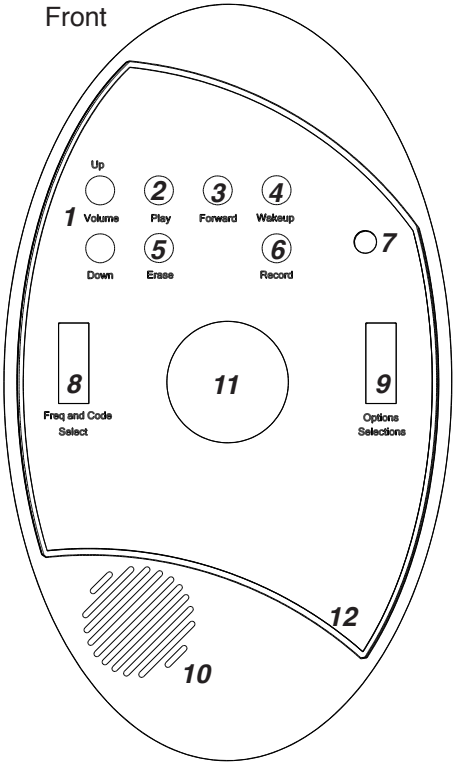
- Operating this unit in any capacity other than its intended purpose may result in system failure and possible injury.

Available Controls and Components

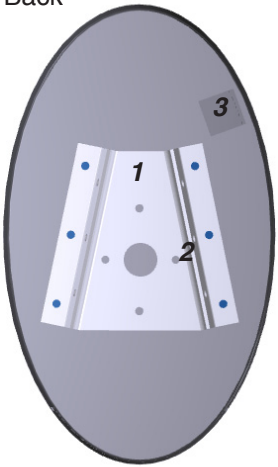
FRONT
1. Volume Up and Down
2. Message (Play)back
3. (Forward) to next message
4. (Wakeup) the unit from sleep
5. (Erase) the selected message
6. (Record) the current message
7. (Mic) is the microphone location
8. (Freq and Code Select)
9. (Options Selections)
10. Speaker
11. Call Button
12. Shield Mount

BACK
1. Mounting Bracket
2. Mounting Bracket Lock Screw
3. Auxillery Call Button or Power Jack

Front



Back

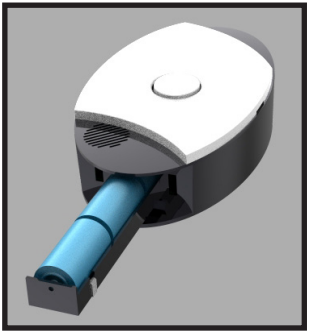


EasyAssist Controls

Setup Process

- Install batteries
- Record messages
- Adjusting the volume
- Lock unit controls
- Mount to wall
- Test operation

(fig. 1)



Installing the Batteries

1. Insert any coin into the slot on the side of the battery door.

2. Firmly twist the coin to remove the battery door.

3. Locate the colored dot on end of the battery sled.

4. Insert the dotted end of the sled first until it reaches the back and then firmly press down to latch the sled in place. (fig. 1)

5. The EasyAssist should wake up and the front button should flash three (3) times.

6. Locate the battery sled retaining post on the battery door and align it to the top of the EasyAssist.

Recording Messages

The Easy Assist system will support up to 6 messages of 10 seconds each.

The system expects the following message order each message can be accessed by pressing (wakeup) and then counting the number of times the button flashes.

Pressing (Wakeup) will display the number of flashes associated with the current message.

Message 1 (1 flash) : Call Button local (non-radio) announcement.
Message 2 (2 flashes): Call Button radio broadcast message.
Message 3 (3 flashes): Message 3: Aux Button radio broadcast message.
Message 4 (4 flashes): Not assigned this software version.
Message 5 (5 flashes): Not assigned this software version.
Message 6 (6 flashes): “Low Battery” radio broadcast message.

1. Select the message number to record. Press the (Wakeup) button to indicate the current message selected by the system. The status led will flash to indicate the current message selected. Press the Forward button to move to the next message. The message number will count up to 6 and loop back to message 1 by repeatedly pressing the FORWARD button. It is not necessary to erase the current message prior to recording a new message. The system will automatically issue an “erase” prior to recording the new message.

2. Begin Message Recording. Press and hold the RECORD button to record a message. The status LED will turn on to indicate message recording in progress. Release the RECORD button when finished. The maximum message length for any message location is 10 seconds. If the button is held longer than 10 seconds, the recording will automatically end at 10 seconds.

(Cont.)

3. Press the PLAYBACK button to playback the new message on the local speaker (no radio broadcast will occur when pressing the PLAY button, only the local speaker will become active).

Adjusting the Volume

The volume level will advance up one level with each press of the VOLUME button during playback of a message. A message must be playing (by pressing the Play button) while the volume is adjusted.

The system will advance from max volume (Level 6) back to minimum volume (Level 1) if the system is already at level 6 when the VOLUME button is pressed. The system will continually cycle from Level 1 to Level 6, and back to Level 1 with each press of the VOLUME button.

Volume can change only during PLAYBACK of a message.

To find out the current volume setting (1-6), press the VOLUME button when there no messages in playback, and count the number of flashes on the status LED.

To adjust the Volume:

1. Determine the current volume setting by pressing the VOLUME button when no playback is active. Count the number of flashes on the status LED (for volume level 1-6).

2. Select a message for Playback by pressing the FORWARD button if needed.

3. Press PLAY.

4. While the message is in playback, press the VOLUME button for the desired volume level.

5. Each press of the VOLUME button will display the new volume setting on the status LED, and the volume will immediately change on the playback message.

Note: Changing the volume (using the VOLUME button) will change both the volume level playback on the local speaker and the volume level broadcast on the radio system.

If the volume level is changed, the radio broadcast volume level MUST be verified to make sure it is not too low or too high on the radio receiver.

Locking the Controls

It may be necessary for you to lock and unlock the controls on your EasyAssist to prevent unwanted tampering of messages. This can be achieved by pressing and holding the Call Button for three (3) seconds.

After changes have been made the system will revert to a locked status after 30 seconds of inactivity.

When locked the system will respond to some controls but never the Record or Volume functions that could change the operation of the system.

Mounting the EasyAssist

The EasyAssist can be mounted to the wall using the included 3M DuoLock strips or by using the optional steel wall mounting bracket.

Using 3M DuoLock

Ensure both the back of the EasyAssist and the area of wall that it is being attached to is clean, flat, and dry. The DuoLock will not effectively attach to masonry or other rough surfaces that would prevent the adhesive from making maximum contact.

1. Peel off one side of the DouLock's release backing and firmly adhere to the left side of rear panel of the EasyAssist

2. Repeat with the same side of the other piece of DuoLock

3. Once both strips of DuoLock are attached to the EasyAssist peel off the exposed release backing

4. Carefully align the EasyAssist straight and level on the surface that you intend to place it

5. Once the EasyAssist appears aligned firmly press it to the wall in one motion

Note- The EasyAssist is now removable by firm pressure around the exterior edges of the unit. For permanent and tamper proof mounting please use the Metal Mounting Bracket available from your EasyAssist Dealer.

Mounting the EasyAssist with Optional Mounting Bracket

NOTE: The EasyAssist Mounting Bracket is available from your EasyAssist Dealer.

Mounting the EasyAssist to a wall permanently is best accomplished with the EasyAssist Mounting Bracket.

This bracket is composed of three pieces. Two of the pieces are attached to the EasyAssist via three screws each which attach to the holes on the back of the EasyAssist, the final piece is mounted to the all with the narrow part facing up and the bent tabs facing out.

The wall mounted piece is mounted using any hardware that properly accommodates the holes in the mounting bracket and are best suited for the wall construction.

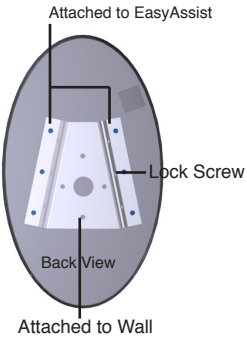
1. Using the supplied hardware attach the two “L” shaped brackets to the Back of the EasyAssist

2. Mount the triangle shaped Wall bracket to the wall making sure to use the most appropriate mounting hardware for your wall construction.

3. Slide the EasyAssist over the triangle shaped wall bracket.

4. Locate one of the holes on either side of the EasyAssist bracket and screw in the small lock screw provided.

This will secure the EasyAssist to the wall provided the lock screw is not removed.



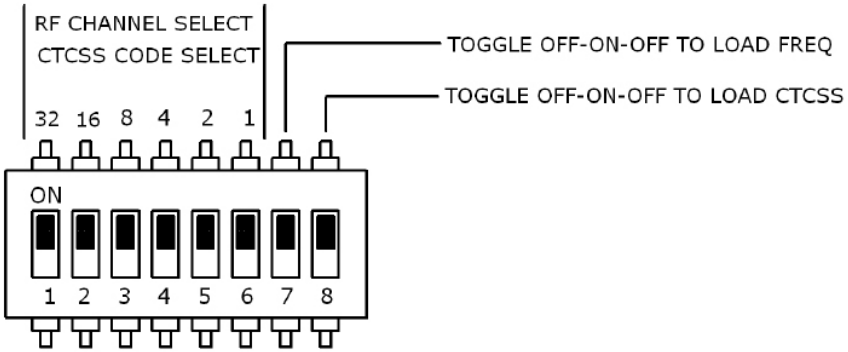
Test Operation and Trouble Shooting

Testing the EasyAssist for proper function before leaving it unattended is an important step in making sure your EasyAssist is giving you the the benefits you need.

Condition	Result	Troubleshoot
Press the Call Button.	Button begins to glow and a local message is played followed by a radio message.	1. Batteries inserted correctly? 2. Messages recorded to message 1 and 2 3. EasyAssist and radio on the same frequency
Press the wake up button and then press play.	The Call Button blinks indicating the current message selected. When PLAY is pressed the unit will play the selected message.	1. Batteries inserted correctly? 2. Press FORWARD to select message 1, 2, or 6 and press PLAY. 3. Re-Record message 1, 2, 6
Volume at the proper level?	Press the PLAY button while on message 1,2, 6 and listen to the speaker. The sound should be audible in the environment the unit will operate	1. Message recorded clearly and in a quite environment? 2. Press PLAY and Volume UP or DOWN to arrive at the proper volume.
EasyAssist broadcasting low battery message.	Follow the procedure outlined in the setup section to replace the batteries.	1. Did you use high quality batteries? 2. Insert the battery sled and press down firmly to seat.

NOTE: Setting the Frequency and CTCSS Codes for your EasyAssist should only be done by a trained service technician. If you have problems with your Frequency you should contact your help desk or EasyAssist Dealer for assistance.

The 8-positon option switch is used to select the new Frequency and CTCSS codes. The option switch assignment is shown below:



CONFIGURATION SWITCH ASSIGNMENTS

Example Frequency Selection for 462.8625 MHz

1. Make sure the system is “awake” by pressing the WAKE UP button. A 60 second count-down timer is now active to allow the new frequency selection. Each press of the WAKE UP button will reset the count-down timer to 60 seconds before entering “sleep” mode.

2. Select the Frequency using the Option dip switches. For example, if the desired frequency is 462.8625, number 27 on the frequency chart, dip switches 2, 3, 5, and 6 should be ON, with 1 and 4 OFF. 16+8+2+1=27.

3. To load the frequency, move switch 7 (Frequency Load switch) from OFF-ON-OFF. The new frequency is now loaded into the Easy Assist System.

Example CTCSS Code Selection for 91.5 Hz

1. Make sure the system is “awake” by pressing the WAKE UP button. A 60 second count-down timer is now active to allow the new frequency selection. Each press of the WAKE UP button will reset the count-down timer to 60 seconds before entering “sleep” mode.

2. Select the CTCSS Code using the Option dip switches. For example, if the desired CTCSS code is 91.5 Hz, number 9 on the CCTSS code chart, dip switches 3 and 6 should be ON, with 1, 2, 4 and 5 OFF. 8+1=9.

3. To load the CTCSS code, move switch 8 (CTCSS Load switch) from OFF-ON-OFF. The new CTCSS code is now loaded into the Easy Assist System.

Note: Frequency Load switch #7 and CTCSS load switch #8 should remain in the OFF position at all times, unless loading a new value.

Setting the Channel and Privacy Codes

Frequency Selection Chart

Frequency 1-12	Frequency Value	Frequency 13-24	Frequency Value
1	464.5000	13	461.1375
2	464.5500	14	461.1625
3	467.7625	15	461.1875
4	467.8125	16	461.2125
5	467.8500	17	461.2375
6	467.8750	18	461.2625
7	467.9000	19	461.2875
8	467.9250	20	461.3125
9	461.0375	21	461.3375
10	461.6025	22	461.3625
11	461.0875	23	462.7625
12	461.1125	24	462.7875

Frequency 25-38	Frequency Value	Frequency 39-52	Frequency Value
25	462.8125	41	466.2125
26	462.8375	42	466.2375
27	462.8625	43	466.2625
28	462.8875	44	466.2875
29	462.9125	45	466.3125
30	464.4875	46	466.3375
31	464.5125	47	466.3625
32	464.5375	48	467.7875
33	464.5625	49	467.8375
34	466.0375	50	467.8625
35	466.0625	51	467.8875
36	466.0875	52	467.9125
37	466.1125	53	469.4875
38	466.1375	54	469.5125
39	466.1625	55	469.5375
40	466.1875	56	469.5625

CTCSS Selection Chart

CTCSS 1-13	CTC-SS Hz	CTCSS 14-26	CTCSS Hz	CTCSS 27-38	CTCSS Hz
1	67.0	14	107.2	27	167.9
2	71.9	15	110.9	28	173.8
3	74.4	16	114.8	29	179.9
4	77.0	17	118.8	30	186.2
5	79.7	18	123.0	31	192.8
6	82.5	19	127.3	32	203.5
7	85.4	20	131.8	33	210.7
8	88.5	21	136.5	34	218.1
9	91.5	22	141.3	35	225.7
10	94.8	23	146.2	36	233.6
11	97.4	24	151.4	37	241.8
12	100.0	25	156.7	38	250.3
13	103.5	26	162.2		

ALERT TECHNOLOGIES

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