

DL-3-ASI Phone Line Powered Emergency Dialer and Speaker Phone



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INTRODUCTION

The DL-3-ASI is a phone line powered emergency dialer and speaker phone. This unit connects to any single analogue POTS line and provides a single “dry close” **START** input to trigger an emergency call sequence. Once triggered, the unit will call up to two phone numbers, max of 16 digits, for up to nine cycles. When the called party answers the call, the unit will play a custom location message of up to 26 seconds.

The Emergency Telephone Dialer supports the following features:

- Uses a single, dedicated analogue POTS line (not shareable with other devices)
- Hands free Speakerphone communications
- Two Programmable Emergency Phone Numbers
- Variable length, Location Announcement up to 26 seconds
- Programmable Time Out
- CPC Disconnect
- Programmable Tone/Pulse Dialing
- Programmable Touch Tone Length
- Programmable Ring Delay
- Programmable Auto talk on Ring Up
- Programmable Mute during Dialing
- Programmable Press **START** again to Abort
- Fully remote Programmable

INBOUND CALLS

The DL-3-ASI will answer all incoming calls based on the **Ring Delay** setting. It will respond with a single beep when it answers the call. On answer, the unit activates the speaker phone and the LED flashes. The unit will play the location message every 30 seconds until time out. The time out timer is reset each time the unit receives any touch tone.

OUTBOUND CALLS

The DL-3-ASI **MUST** be programmed with at least one number for outbound calls. The emergency call process begins when the **START** input is shorted. The unit will activate the speaker phone and process the call according to the **Dial Type** setting. You can only stop an outbound call sequence if the **Phone Button Disconnect Disabled** option is set to No.

REMOTE PROGRAMMING

The DL-3-ASI can be remotely programmed by calling the unit or when the unit calls out. To enter remote programming, do the following:

- Once connected to the unit, enter the Remote Access Code (default is 3 5 8 4 2) then # -
NOTE: To change the Remote Access Code, call ASI TekMan at 256-258-9886
- On entering Remote Mode, the unit will respond with a 3-tone sequence, repeated 2 times

REMOTE MODE

Whenever a change is made to any setting in Remote Mode (and after recording a new message), the unit will respond with four dual-tone beeps as acceptance. Remote Mode has the following settings, in this order, that can be bypassed with the # button or changed as follows:

- **Phone Number 1** – it beeps 4 times on entry, bypass with the # or enter a new number then # - * = 1 second pause



- **Phone Number 2** – it beeps 5 times on entry, bypass with the # or enter a new number then # - * = 1 second pause
- **System Info A** – it beeps 2 times on entry, bypass with the # or enter the full 10-digit string (No #)
- **Record Modes**, it beeps 6 times on entry and when returning from the following actions (press # here to leave remote mode):
 - **1 #** = Record Message 1, it gives a longer low beep, then it records the first message (4 seconds), **“Elevator emergency, press star to communicate”** (No #) – After recording it will play the acceptance signal then play back the new message, beep, and return to **Record Modes** with the 6 beeps
 - *** #** = Record Message 2, it gives a longer low beep, then it records the location message (26 seconds max), (Press # to end before 26 seconds) – After recording it will play the acceptance signal then play back new message, beep, and return to **Record Modes** with the 6 beeps
 - **6 #** = System Info B – it plays 2 different beeps, back out with the # or enter the full 10-digit string (No #) – On entering a new string it will play the acceptance signal – After backing out or entering a new string it will return to **Record Modes** with the 6 beeps
- On leaving Remote Mode it will beep to indicate it has returned to the speaker phone

TECHNICAL SPECIFICATIONS

PHONE LINE REQUIREMENTS

- A standard Analog (POTS) line
- It can be installed behind a PBX or directly on a CO line
- On hook voltage must be from 24V DC to 50V DC
- This unit is **NOT** meant to share a phone line with another unit or other devices
- This unit is not phone line Polarity Sensitive

PHONE NUMBER STORAGE

- Two programmable phone numbers, from 1 to 16 digits in length
- The STAR is used as a 1 second pause

TRIGGER INPUT

- Dry close contact input
- **Do NOT apply any power to, or ground, this input**

PHONE LED

- Standard LED, any color
- Forward voltage of approximately 1.2 to 1.85Vdc

SPEAKER REQUIREMENTS

- 8 to 32 ohms @ 0.5 Watt minimum
- Polarized

EXTERNAL MICROPHONE REQUIREMENTS

- Omni-directional
- Approximately -35 dB sensitivity
- Standard Operating Voltage = 2Vdc (at least 6Vdc max)
- Impedance = 2.2K Ohms



- SNR minimum of 68 dB
- Polarized

OUTPUT CONTACTS (1 & 2)

- 565vac/200Vdc maximum open circuit voltage
- Typical short circuit voltage = 1.1Vdc
- Maximum short circuit current = 0.5A
- Short circuit duration = 4 seconds

LOCATION MESSAGE SPECIFICATIONS

- From 1 to 26 seconds in length, recorded remotely
- Sampling rate = 8Khz

SYSTEM INFO A

NUMBER OF FIRST MESSAGE CYCLES - 1-9

On emergency calls, this is the number of times the initial message plays before trying the next entry.

NUMBER OF DIAL LOOPS - 0-9

On emergency calls, this is the number of times it will call through the list of emergency numbers before giving up.

CALL TIME OUT IN WHOLE MINUTES - 0-9

This controls the number of Whole minutes the DL-3-ASI will stay on the phone line before hanging up without user input. Any time the called party dials a touch tone, the unit will reset this timer.

CALL TIME OUT IN TENTHS OF MINUTES – 1-9 (0.1-0.9 MINUTES)

This controls the number of tenths of a minute (along with the Whole Minutes) the DL-3-ASI will stay on the phone line before hanging up without user input. Any time the called party dials a touch tone, the unit will reset this timer.

DIAL METHOD - 0/1 (PULSE/TONE)

This controls whether the DL-3-ASI will use touch tones or pulse dialing for Emergency calls.

MUTE FIRST MESSAGE - 0/1 (NO/YES)

Activating this feature stops the first message from playing over the speaker during Emergency calls.

DIAL TYPE - 0-3

This controls how the DL-3-ASI handles the calling sequence:

0. **Dial then Flash** - the unit calls the first emergency number then immediately assumes the caller answered and it connects to the elevator and flashes the Phone LED.
1. **Dial, First Message, Flash LED after *** - the unit calls the number, plays the first message, waits 4 seconds for someone presses the *. If no one dials a touch tone, the unit will try the 2nd number. It will repeat this sequence the times specified by Number of Dial Loops. When someone responds, it will do the following:
 - a. The unit will disconnect if it doesn't receive any touch tones in the Call Time Out period. Any touch tones entered will reset the Call Time Out period.
 - b. The call can be forced to disconnect by dialing a touch tone #.
2. **Don't Dial, Flash LED** - the unit just assumes the caller answered and it connects to the elevator and flashes the Phone LED.



3. **Dial, Flash LED, play location message every 30 seconds** - the unit calls the first emergency number then immediately assumes the caller answered and it connects to the elevator and flashes the Phone LED and automatically plays the Location message every 30 seconds.

STRAIGHT TO ELEVATOR ON RING UP - 0/1 (NO/YES)

Activating this feature will make the DL-3-ASI connect directly to the elevator passenger whenever a call rings in.

MUTE DIAL OUT - 0/1 (NO/YES)

Activating this feature will mute the dial out phase to the elevator passenger whenever it is activated for an emergency call.

MUTE LOCATION MESSAGE - 0/1 (NO/YES)

Activating this feature stops the location message from playing over the speaker during Emergency calls.

SYSTEM INFO B

RING DELY - 1-9

This controls how many rings the DL-3-ASI needs to see before it will answer the line. So, a Ring Delay of 1 means it answers on the 2nd ring.

TOUCH TONE LENGTH - 1-9 (100MS-900MS)

This controls how long the DL-3-ASI will generate each touch tone when dialing out.

PULSE DIAL SPEED - 0/1 (SLOW/FAST)

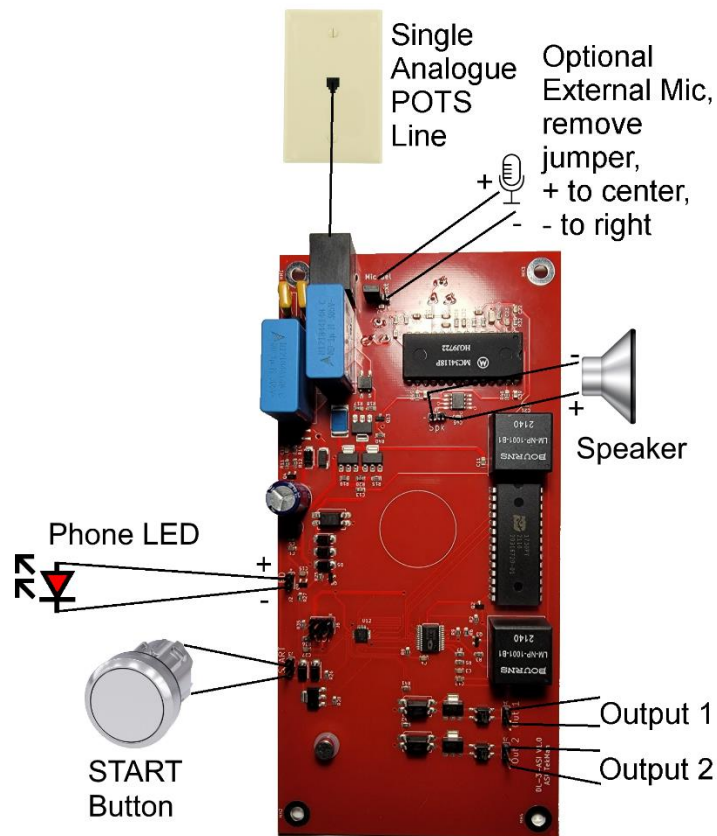
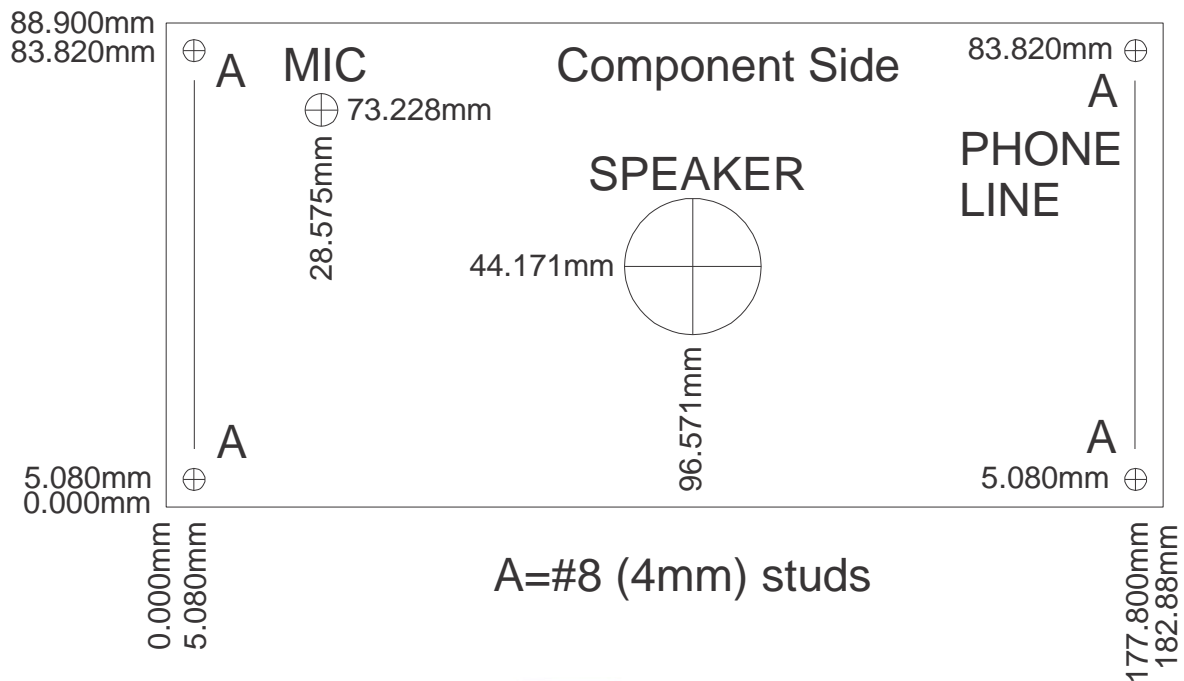
This controls how fast the DL-3-ASI dials Pulse digits when calling out; some areas require slow Pulses while others accept fast Pulses.

PHONE BUTTON DISCONNECT DISABLED - 0/1 (NO/YES)

This controls whether the DL-3-ASI will, after being activated for an emergency call, allow another press of the START button to cancel the call.

CONNECTION AND MOUNTING

Minimum 22mm distance from panel





ACTA STATEMENT

1. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear side of the printed circuit board of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.
2. This unit is installed in an elevator cab and requires that the Ring and Tip connection from the telephone line be attached to the DL-3-ASI via a screw terminal connector that is located directly on the printed circuit board of the DL-3-ASI. No USOC Jacks are used.
3. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA.
4. The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.
5. If the DL-3-ASI causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
6. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice so you can make necessary modifications to maintain uninterrupted service.
7. If trouble is experienced with the DL-3-ASI, for repairs or warranty information, please contact E.C.C., located at: **16521 SATICOY ST, Van Nuys, CA 91406, (818) 753-5669 in the U.S.A.** If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
8. No repairs to the DL-3-ASI should be made by the customer (user). All repairs **MUST** be made by the manufacturer or authorized repair facility. Call E.C.C. for repair information at **(818) 753-5669**.
9. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.



10. If your home or business has specially wired alarm equipment connected to the telephone line, ensure the installation of the DL-3-ASI does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

LIMITED ONE YEAR PARTS & LABOR WARRANTY

This E.C.C. PRODUCT is warranted against defects for a period of one (1) year from the date of the original invoice; excluding the SD Card, which is warranted for a period of 90 days from the date of the original invoice. Within this period, we will repair it without charge for parts and labor. To obtain warranty service the product must be returned, at the customer's expense, to E.C.C. along with a copy of the original invoice. After the unit has been repaired, E.C.C. will ship the PRODUCT back via UPS GROUND service at our expense. If any other form of return shipment is requested, the customer will pay for 100% of the shipping cost.

This Warranty does not apply if in the sole opinion of E.C.C., the PRODUCT has been damaged by lightning, or any other Acts of God, or by accident, misuse, neglect, improper location (high dust or tobacco smoke prone areas), improper packing, shipping, modification, or servicing by other than an authorized E.C.C. Service Center.

Except as specifically provided in this agreement, there are no other warranties, expressed or implied, including, but not limited to, any implied warranties or merchantabilities or fitness for a particular purpose and in no event shall E.C.C be liable for loss of profits or benefits, indirect, special, consequential, or other similar damages arising out of any breach of this warranty or otherwise.