



# Product Manual

Product Number:

**L1 SERIES**

Line Powered ADA  
Emergency Phones

## The L-1 Series Emergency Phone Line Powered ADA Emergency Phones A17.1 2013 & ADA Compliant

### Solutions

- Emergency ADA Phone for Elevators, Area of Rescue, Pools, and Schools.
- Fulfills Communication requirements for Elevators **A17.1 Section 2.27**

The L-1 Series Phones are line powered emergency phones capable of remote programming and programming local via a USB interface to laptop. No external phone power or batteries are required.

The L-1 Series comes in (3) mounts. Car Panel Mount (L1-COP), Flush Mount (L1-FM), & Surface Mount (L1-SM). All models have the same easy voice assisted programming.

[www.ESRMphones.com](http://www.ESRMphones.com)

Information- Sales: 954 825 3226



### Specifications

**Power:** Line Powered. 24- 52 VDC

**Connections:** 1) RJ-11 telco jack

**Environmental:** 0° C to 32° C (32° F to 90° F)  
with 5% to 95% non-condensing humidity

### Features

- **Easy Voice Assisted Programming**
- Line Powered & 2 LED LIGHTS
- Works with Traditional or new Wireless lines
- Compact mounts for easy installation and universal mounting.



# INSTALLATION

- #1. Installation should be done by trained technicians, electricians, and elevator mechanics. It is important to have a Dedicated analog or Wireless Elevator phone line.
- #2 We only recommend using the EC-1000 from ESRM Communications for wireless phone line compatibility.
- #3 Phone line should have 26-52vdc.
- #4 No other device should be connected to the elevator phone.
- #5 For meeting the A.17 2009, 2010, or 2013 codes, you must use the LM-34 line verifier from ESRM Communications. No external power is needed. The phone is Line Powered.
- #6 Use a twisted pair if possible from elevator controller to elevator phone.
- #7 Never ground out the shield pair on phone side.

(Always use electrical tape to prevent copper shield from touching any other electronics. Do not use Shield as a Ground!)

\* Never install the L-1 series phones in areas where water, oil, or salt is present. Never install on elevators unless you are a certified elevator technician or greater.

\*\* The Microphone and Speaker must be mounted in a location where good output and input from speaker and Mic will be possible.

## Phone Line Connection:

There is a terminal Strip on the L-1 series phones that are labeled "Phone line". This is a 2 wire connection.

## Push Button Connection: (L-1 COP version only)

Hook up the existing push button in car station to Push button terminal labeled "**Alarm terminal**" Below the Phone line terminal.

Never install the L-1 series phones in areas where water, oil, or salt is present. Never install on elevators unless you are a certified elevator technician or greater.

## LED LIGHTS

There are (2) LED lights, on the L-1 series phones

**Orange = Call is connecting**

**Green = call is Connected**

## Operation:

### Calling out:

User presses button and the phone will automatically call out using phone # in parameter 011.

Phone starts dialing and orange LED will illuminate until call is connected in which the green LED will illuminate.

Phone will auto answer after call is complete. User can not hang up phone by pressing button again.

### Answering the emergency call:

Operator will answer and will either have to hit "1" or call will connect automatically. (parameter 111).

"1" Connects the call.

"#" Hangs up phone.

"3" Plays voice message

# PROGRAMMING

## L1 series phones. effective 06-15-2016.

### Step 1: Getting into Programming Mode

1. **To enter programming mode,** you must call into the L-1 elevator phone. The L-1 Elevator Phone will auto - answer after 2 rings. You will hear (Beep Beep).
2. Enter \*12345\* — You will hear "You have entered the programming mode, please select parameter..."

#### 1st Phone Number

Parameter 011:

Example: 011\* 18005551234\*

#### Dialing Out Options:

Parameter 111:

Example: 111\* (1)\*

- 1 = Operator must hit "1" to connect.
- 3 = Call connects automatically without Operator having to hit any button.

#### Amount of Call Out Attempts:

Parameter 018:

Example: 018\* (1)\*

Enter amount of dial out attempts by phone when the push button is pressed.

#### Voice Message:

Parameter 975 must be set for 17

Example: 975\*17\*

#### To record voice message:

Press 972\* (enter password 12345 then \* )  
After beep record 30 second message.

#### Time needed to press button down to initiate call

Parameter 162::

Example: 162\* (125)\*

Enter amount of milliseconds from 100-5000 milliseconds. US code requires value to be 125.

#### Volume of Speaker

Parameter 933:

Example: 933\* (16)\*

Value is from 0-22

#### Volume of Microphone

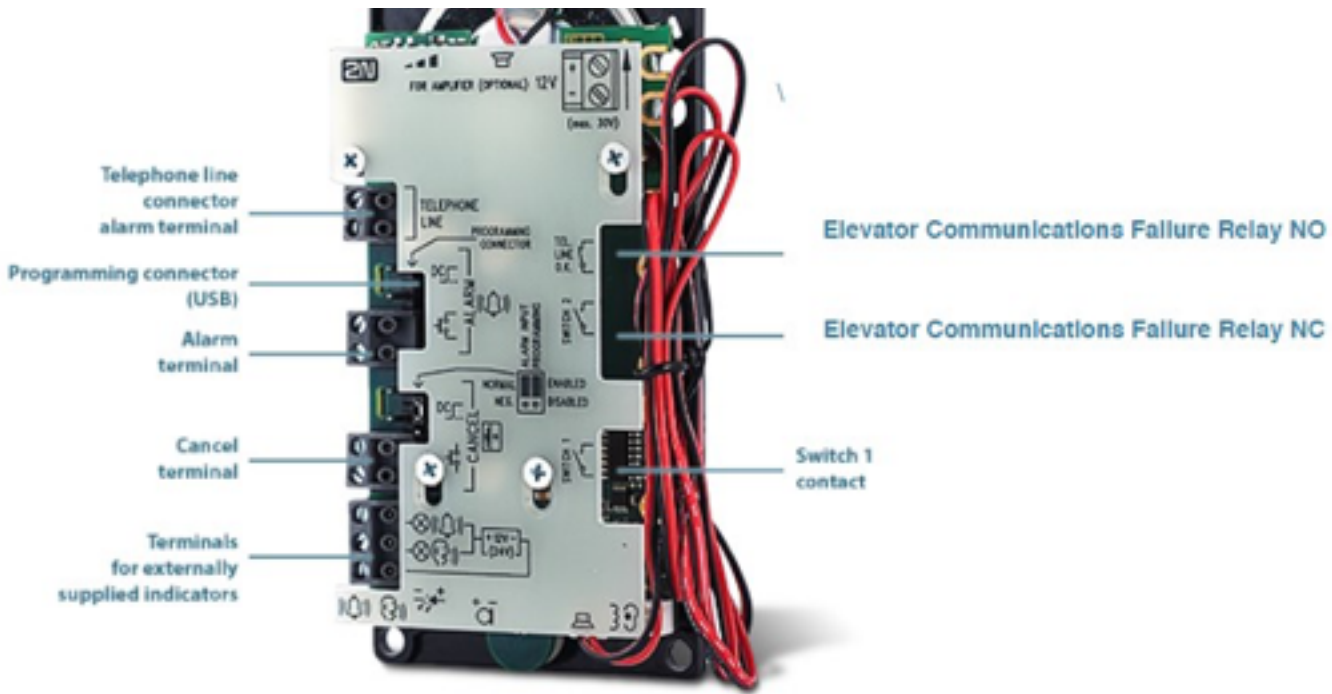
Parameter 934:

Example: 934\* (16)\*

Value is from 0-22

You can also buy the Part # **L1-PROGRAMMER** to program locally via USB connection to computer.

*You can also use Part # **DLE-200b** to do local call in programming using Line Simulator.*



Car Panel Mount  
Part # L1-COP



Flush Mount Phone  
Part # L1-FM  
10x13" (Stainless Steel)



Surface Mount Phone  
Part # L1-SM



Top of Car or Bottom of Car Phone  
Part # L1-VAS



Machine Room / Over 60ft of Rise Phone  
Part # L1-MR



Programmer  
Part # DLE-200b



Programmer  
Part # L1-PROGRAMMER

# TROUBLESHOOTING

1. Always start with making sure you are using a dedicated phone line for the elevator. If using a Wireless, cellular line we recommend using the EC-1000.
2. Make sure line voltage is on 24-52vdc on “phone line terminal”.
3. If speaker or microphone volume is an issue, please refer to parameters 933 and 934.  
\*\* as of June 15th 2016, ESRM has an updated firmware for L1 phones boosting volume by 6dm. Contact Tech support for latest Firmware. All phones sold after June 15th will have new firmware already installed.
4. For problems with dialing out, & connection by operator, refer to parameter 111.
  - The L1 phone can connect automatically (mode 3) or the connection can be confirmed by the operator by pressing “1” (mode 1).
5. **Programming tips:** We recommend using Part #DLE 200b for easy local programming using line simulator to call in and make easy programming changes. We also recommend using L1- PROGRAMMER for programming via USB -PC.

**Tech Support? Call us.**

**954 825 3226**

M-F 9am-4pm

or Email us [sales@esrmcomm.cc](mailto:sales@esrmcomm.cc)

