

LX2 Basic Guide


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Installation pre-requisites

- Buss Cable – 2 x Twisted, individually shielded pair cable
- Live 240V Mains Socket
- Live Telephone socket


Programming – Car Station (SL Unit)

Buss identification.


1. Put the Station into Programming Mode by pressing and holding the  button for three seconds.
2. The Station enters Programming Mode by giving 4 beeps.
3. Enter the following programming sequence



- **L = Lift Number from 1 to 8**
 - **P = Position: Car = 2 (Option: Top = 1, Pit = 3, Spare = 4)**
4. The Station will sound 2 beeps after successful programming.


5. Exit the Programming Mode by pressing and holding the  button for three seconds. The Station will sound 3 beeps when it exits Programming Mode.

Programming – Keypad Station (SK Unit)

1. Put the Station into Programming Mode by pressing and holding the  button for three seconds.
2. The Station enters Programming Mode by giving 4 beeps.
3. Enter the following programming sequence



- **L = Lift Number from 1 to 8**
- **P = Position; Top = 1, Pit = 3, Spare/additional MR = 4 (Option: Car = 2)**

4. The Station will sound 2 beeps after successful programming.
5. Exit the Programming Mode by pressing and holding the  button for three seconds. The Station will sound 3 beeps when it exits Programming Mode.
6. If the Station is not made to exit Programming Mode manually, it will automatically exit after 7 seconds. It will sound 3 beeps when it exits Programming Mode.

Programming - LX2 Master Controller


Bus Scan – scan for stations connected to the data bus

The LX Master Controller must identify all the Stations that are connected to it before the system will operate. The Master Controller, as a factory default, will only identify Stations Top, Car, Pit, and Spare on Lift 1. If more Stations are connected to the bus, then the Master Controller must scan the bus for all the Stations that are connected and are active. Following is a description of how to scan the bus on the LX2 Master Controller.

1. Make sure the Master Controller is idle and it is not in conversation or its telephone line is not in use.
2. Enter the following keypad sequence on the Master Controller to scan the bus.





3. All the Station LED's will start flashing while the Master Controller scans the bus.

4. After the scan, the Station LED's will stay lit for all those Stations that are 'Active'.
5. Press  to exit the display. The Master Controller will automatically exit the display if 'END' is not pressed within one minute.

To configure the Master control unit or any station, it is necessary to first put the unit into programming mode.

Programming – Master control unit

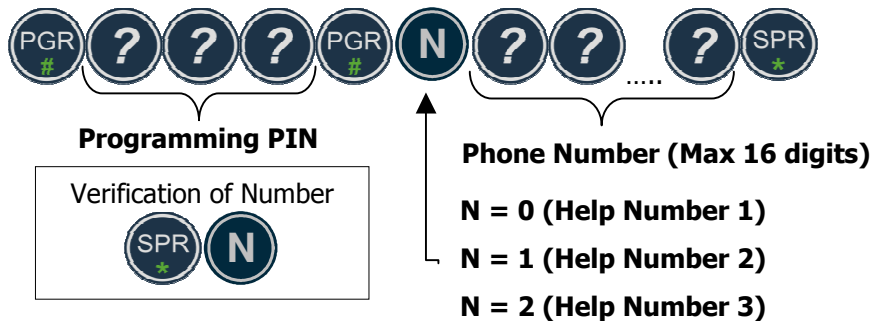
- Press and hold the  button for 3 seconds to enter Programming Mode.
- The Program Mode LED will light up when the unit enters Programming Mode.
- The unit will automatically exit Programming Mode after one minute if no keys are pressed.
- Alternatively, pressing and holding the  button for 3 seconds will cause the unit to exit Programming Mode. The Program Mode LED will turn off when the unit exits Programming Mode.

Use the following keypad sequences while in Programming Mode to program/verify telephone numbers:

*** NOTE: The default Programming PIN is 123**

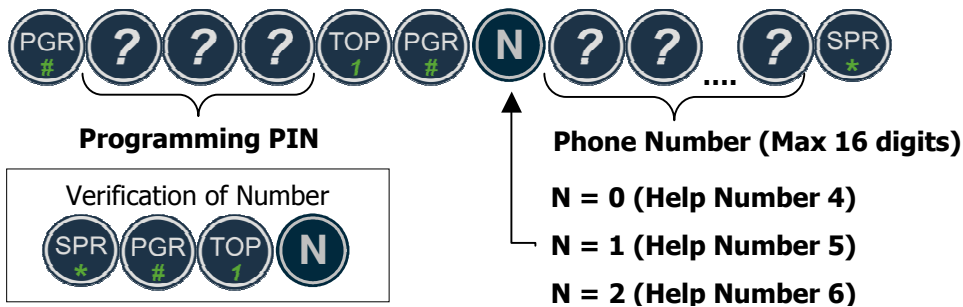
- **Help numbers (1 - 3)**

- **Programming sequence:**



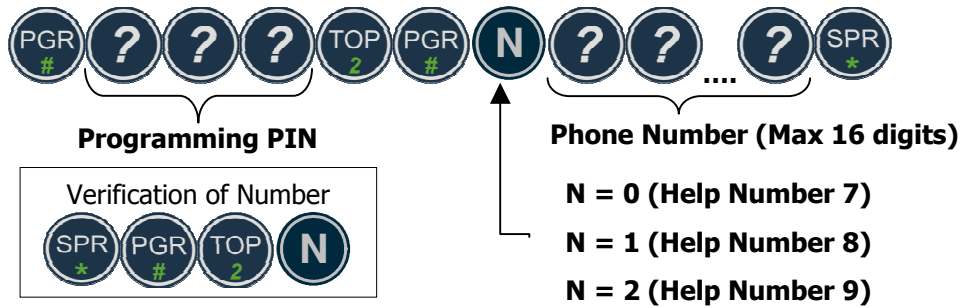
- **Help numbers (4 - 6)**

- **Programming sequence:**



- **Help numbers (7 - 9)**

- **Programming sequence:**



Help numbers (all 9)

- o **Programming sequence:**



The LX Intercom System dials the Help Numbers in a sequence until there is a response. Hence, in-order to dial the same Help Number again and again until there is a response, the phone number should be programmed in all Help Number locations. Use the command shown above to program all nine Help Numbers to the same number.

- **Erasing a phone number:**

If no phone numbers are entered in the keypad sequence while programming, the corresponding phone number will be erased

- **Using a PABX:**

If connecting to a PABX, then the dial out number must be separated from the phone number by a '#' in the keypad sequence. The '#' will insert a 3 second delay in the dial out process. This allows the PABX to connect to the external line.

Enter '9' then '#', in front of the number to be dialled, while programming using the sequences above.

Programming – Dialling in via Remote Handset

The telephone numbers can be programmed via a remote handset while in conversation with the LX-System. The keypad sequences are the same as those mentioned in the section given above. A voice message that says "Sequence Accepted" indicates successful programming.

NOTE: "000" cannot be programmed in any phone number locations.

Voice Message

A 'unit identification' voice message of a maximum duration of 16 seconds MUST be recorded onto the LX Master Controller via a remote telephone (i.e. dial in). The following steps must be followed to record voice message.

Voice Recording by dialling into the unit.

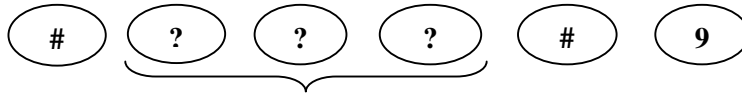
1. Dial into the LX Intercom System.
2. Make sure that there are no Active Alarms on the LX System. If there is an Active Alarm, follow the steps given below

Enter keys on the remote keypad.

The station will then disconnect, but connection to the control unit will remain.


3. If there are no Active Alarms, then the Master Controller will auto-answer and will be in a state in which voice can be recorded.

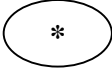

4. Enter the following sequence on a remote telephone handset keypad.

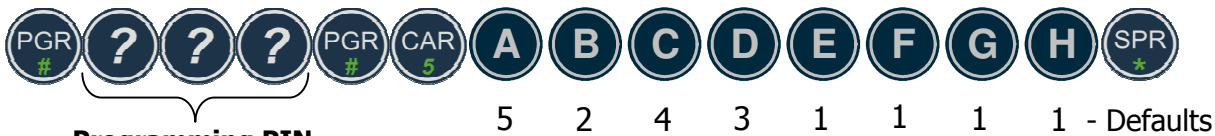


Programming PIN

*** NOTE: The default Programming PIN is 123**

5. After you hear 'Sequence Accepted', start recording. Press  to finish recording. The maximum length of voice message is 16 seconds.

6. To verify the recorded voice message press   on the remote handset keypad. Allow 3 seconds to pass after finishing recording and before verifying.



Programming PIN

- Parameters in Telephone options shown above
 - A: Dial out time (1-9) x 5 seconds (Default: 5)
 - B: Talk time (1-9) x 2 minutes (Default: 2)
 - C: Silence time (1-9) x 5 seconds (Default: 4)
 - D: Alarm button timer, Range 1 to 9 seconds (Default: 3 seconds)
 - E: Auto-answer ring count (1-9) x 2 (Default: 1)
 - F: Auto-answer enable (0,1)(Default: 1 (Enable))
 - G: Ringer Control (0,1)(Default: 1 (Enable))
 - H: Continuous tone detection enable (0,1)(Default: 1 (Enable))

A voice message that says "Sequence Accepted" will be played if the programming is successful. After using the above sequence to program the De-bounce Time, exit the Programming Mode. The Master Controller will then broadcast the De-bounce Value to all the Station SL's.

- **Verification Sequence:** The Telephone Options can be played back in Programming Mode to verify the De-bounce Time. Enter the following sequence to play back Telephone Options;



Further information can be found on our web site www.liftstore.com