Solution 2100/3100 LCD Icon Keypad Location Programming

Master Code Default [2] [5] [8] [0]

Installer Code Default [1] [2] [3] [4]

To check your entries at any time enter the location number then [#]. The first value will illuminate. [#] for next value and so on.

Service Mode
- Installer Code then [7][3][#]
- Maintenance work then exit
- Installer Code then [7][3][#] to exit

1 Show Fault/Trouble Condition

- Main screen > press & hold [5]
- Refer to numerical fault list

Zone Indicator	Fault Description	Press Button	Zone Indicator	Fault Condition
1	System Fault	1	1 2 3 4 5 7 8 9 to 16	Battery Fail Date and Time RF Receiver Fail Output 1 to 3 Fail Telephone Line Fail Power Supply Fail Onboard Tamper RF Repeaters 1 to 8 Fail (Solution 2000 N.A.)
2	RF Low Battery (Solution 2000 N.A.)	2	1 to 16	Zones 1 to 16 RF Low Battery
3	Zone Tamper Alarm	3	1 to 16	Zones 1 to 16 Tamper Alarm
4	Sensor Watch Fault	4	1 to 16	Zones 1 to 16 Sensor Watch Fail
5	RF Sensor Missing (Solution 2000 N.A.)	5	1 to 16	Zones 1 to 16 RF Sensor Watch Fail
6	Communication Fail	6	1 2 3 4 5 6	Receiver 1 Fail Receiver 2 Fail Receiver 3 Fail Receiver 4 Fail IP Module 1 Fail IP Module 2 Fail
7	Output and Codepad Fail	7	1 to 2 3 to 6	Output Expanders 1 to 2 Fail Codepads 1 to 4 Fail
8	Keyfob Low Battery	8	1 to 16	Keyfobs 1 to 16 Low Battery

2 Default the Panel

- Remove power (PSU & battery)
- Press & hold DEFAULT button on PCB while reconnecting power

3 Set the System Time & Date

- Main screen > Master Code then [6] [#]
- Enter Date & Time using number keys [DD][MM][YY] [HH][MM]. Time = 24 hours
- [#] to save or [*] to exit

4 Change the Master Code

- Installer Code then [#]
- Enter [1][8][5][#]
- Enter first digit of new master code then [*][#]
- Repeat for each digit
- [9][6][0][#] to exit.

5 Enter/Exit Installer Menu & Change Installer Code

- Installer Code then [#]
- Enter [1][8][1][#]
- Enter first digit of new Installer code then [*][#]
- Repeat for each digit
- [9][6][0][#] to exit

Zone List

1 – 267; 2 – 274; 3 – 281; 4 – 288; 5 – 295; 6 – 302; 7 – 309; 8 – 316; 9 – 323; 10 – 330; 11 – 337; 12 – 344; 13 – 351; 14 – 358; 15 – 365; 16 – 372.

Common Zone Types

0 – Instant; 1 – Handover; 2 – Delay 1; 3 – Delay 2; 11 – Keyswitch; 12 – 24hr Burglary; 14 – Chime Only; 15 – Not Used

6 Program Zone Type

- Installer Code then [#]
- Enter zone location from zone list then [#]
- Enter zone type then [*][#]
- Repeat for all zones

7 Program Primary Receiver (1st reporting phone number)

- Installer Code then [#]
- Enter location [0][0][0][0][#]
- Enter first digit of phone number then [*][#]
- Repeat for each number

8 Program Secondary Receiver (2nd reporting phone number) if required

- Installer Code then [#]
- Enter location [0][0][1][6][#]
- Enter first digit of phone number then [*][#]
- Repeat for each number
- [9][6][0][#] to exit

9 Program System Account Code (4 digits)

- Installer Code then [#].
- Location starts [0][0][3][4] but **programming starts from Location [0][0][3][6]**
- Enter first digit of account code then [*][#]
- Repeat for each digit
- [9][6][0][#] to exit

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10 Program Communicator Format

- Installer code then [#]
- Location [0][0][3][3][#]
- **CONTACT ID is DEFAULT [1]**
- Enter Format Type then [*][#] to change.
- [9][6][0][#] to exit

Format Types

0 – Not Used
1 – Contact ID
4 – Domestic Dial
8 – CSV-IP
9 – Email

11 Program Open/Close Report

- Installer code then [#
- Location [0][4][0][3][#]
- Default is [1] = Report to 1st Receiver
- To STOP reporting, change value to [0] then [*][#]
- [9][6][0][#] to exit

12 Program Entry Time (seconds)

- Installer code then [#] **Default = 20**
- Location [0][4][6][6] = seconds 0-15 **(default is 4)**
- Location [0][4][6][7] = seconds in multiples of 16 **(default is 1)**
- Adjust values to suit.
- Enter DIGIT then [*][#]
- [9][6][0][#] to exit

13 Program Exit Time (seconds)

- Installer code then [#]
- **DEFAULT = 60**
- Location [0][4][7][0] = seconds 0-15 **(default is 12)**
- Location [0][4][7][1] = seconds in multiples of 16 **(default is 3)**
- Adjust values to suit.
- Enter DIGIT then [*][#]
- [9][6][0][#] to exit

14 Program Additional Timers

- Installer code then [#]
- Location [0][4][8][2] – [0][4][8][5] Auto Arm time (HHMM) (1 digit per location)
- Enter DIGIT then [*][#] Repeat for each digit
- Location [0][4][8][6] – [0][4][8][9] Auto Disarm Time (HHMM) (1 digit per location)
- Enter DIGIT [*][#]. Repeat for each digit
- [9][6][0][#] to exit

15 Program User Codes (4 digits)

- Installer code then [#]
- Users start at [0][1] from location [0][1][8][5] to [0][1][8][8]
- Default for user 1 = 2580
- Default for other users is 15 = no code/digit assigned
- Enter DIGIT then [*] [#]
- Repeat for each digit
- [9][6][0][#] to exit

16 Perform Walk Test

- Installer code then [7][#]
- **Walk through each zone**
- **Codepad beeps as each zone is triggered**
- When all tested ok press [#] to exit

17 Activating RF Receiver

- Installer code then [#]
- Location [0][3][9][5][#]
- **Default = 0 (not used)**
- **RADION Receiver B810 = 1**
- **WE800EV2 = 2**
- Select value then [*]
- **Only 1 Receiver can be Active**

18 Learn in a Wireless Device

- Installer code then [0][#]
- Enter device/zone number then [#]
- Enter the 9 digit RF ID code found on the back of the device then [#] OR press [*] to enter auto-learn mode, trigger to learn then [#]
- Enter Zone option then [#] to save
- **1 = PIR/reed with magnet**
- **2 = external contact reed**
- **3 = Input 1 + Input 2, both alarm inputs**
- Repeat for each device

19 Delete a Wireless Device

- Installer code then [0][#]
- Enter device/zone number then [#]
- Enter [*] or [STAY] to delete

20 Learn in or Delete a Wireless Keyfob

For a RADION Keyfob:

- Master code then [1][#]
- Enter User Number (User 1 = [3][0][1] - [3][3][2]) then [#]
- **To add:** Enter the 9 digit RF ID code found on the device then [#]
- **To delete:** Press [*] or [STAY]

For a WE800EV2 Keyfob:

- Master code then [1][#]
- Enter User Number ([3][0][1] – [3][2][2] then [#]
- **To add:** Press [#] again (all numbers on keypad will flash). Press any button on keyfob to learn ID from device then [#][#] to exit
- **To delete:** Press [*] or [STAY]

21 RF Signal strength for Wireless Zone/ Keyfob / Repeater

- Installer code then [1][4][1][#] OR [1][4][2][#] OR [1][4][3][#] respectively
- Select Zone or Keyfob or Repeater Number then [*]
- (choose Zone from 1 to 16, Keyfob 1 to 32 or Repeater 1 to 8)
- View RF signal strength
- [#] to exit

23 Cloud Status

- Installer/Master code & [1][2][3][#]
- Number 1 for Network Module 1, Number 2 for Module 2:
  - If 1 or 2 is solid, Network Module is ONLINE;
  - If 1 or 2 is flashing, Network Module is OFFLINE
- [#] to exit

22 Enable IP Module & cloud connectivity for RSC+

- Installer code then [#]
- Module 1 enable network module = location 0081, value “3”
- Module 1 enable cloud connection = location 4456, value “4”

If using 2 network modules:

- Module 2 enable network module = location 0082, value “3”
- Module 2 enable cloud connection = location 7456, value “4”
- 960# to exit

(Note: when using B450-M, APN must be added using A-link Plus)

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Solution 2100/3100 LCD Alphanumeric Keypad Menu Programming

Master Code Default
[2][5][8][0]

Installer Code Default
[1][2][3][4]

Service Mode
- Installer Code then [7][3][#]
- Maintenance work then exit
- Installer Code then [7][3][#] to exit

1 Show Fault/Trouble Condition

- Main screen > press & hold [5]
- Use arrows to scroll & [-] to exit

2 Default the Panel

- Remove power (PSU & battery).
- Press & hold DEFAULT button on PCB for 5 secs while reconnecting power

3 Set the System Time & Date

- Main screen > Master Code then [6][#]
- Enter Date & Time using number keys
- [#] to save or [*] to exit

4 Change the Master Code

- Master Code then [-]
- Select Menu [2][2] (User Code). [#] to select U01 – User 01 Name
- Enter new Master Code, [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

5 Enter Installer Menu & Change Installer Code

- Installer Code then [-]
- Select Menu [2][1] (Installer Code)
- Enter new Installer Code, [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

6 Program Zone Type

- Installer Code then [-]
- Select Menu [4][1] (Zone Config)
- Select zone number > scroll with arrows or enter zone number, then [#]
- Select zone type > scroll with arrows or enter zone type, then [#]
- Repeat for other zones.
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

Common Zone Types

0 – Instant; 1 – Handover; 2 – Delay 1; 3 – Delay 2; 11 – Keyswitch; 12 – 24hr Burglary; 14 – Chime Only; 15 – Not Used

7 Program First Receiver

- Installer Code then [-]
- Select Menu [7][1][1] (First Phone Number)
- [#] to select Receiver 1
- Enter phone number using number keys, then [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

8 Program Second Receiver

- Installer Code then [-]
- Select Menu [7][1][2] (Second Phone Number)
- [#] to select Receiver 1
- Enter phone number using number keys, then [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

9 Program System Account Code

- Installer Code then [-]
- Select Menu [7][1][4] (Subscriber ID Number)
- [#] to select Receiver 1
- Enter account code using number keys, then [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

10 Program Communicator Format

- Installer Code then [-]
- Select Menu [7][1][3] (Transmit Format)
- [#] to select Receiver 1
- Select format > scroll with arrows or enter format type then [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

Communicator Format Types

0 – Not Used
1 – Contact ID
4 – Domestic Dial
8 – CSV-IP
9 – Email
6 – SIA Fast
7 – SIA Slow

11 Program Open/Close Report

- Installer Code then [-]
- Select Menu [7][3][4] (Arm/Disarm Report Option)
- To enable open/close report, select Receiver 1 using arrows or press [1]; then [#]
- To disable open/close report, select No Report using arrows or press [0]; then [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then press [#]

12 Program Entry Time

- Installer Code then [-]
- Select Menu [3][1][1] (Entry Time 1)
- Enter the time in seconds using the number keys then press [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then press [#]

13 Program Exit Time

- Installer Code then [-]
- Select Menu [3][1][3] (Exit Time)
- Enter the time in seconds using the number keys then press [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then press [#]

14 Program Additional Timers

- Installer Code then [-]
- Select Menu [3][1] (Timer)
- Select timer function such as [8] Auto Arm Time & [9] Auto Disarm Time
- Enter the time using the number keys (eg 20 Hour, 00 Min) then press [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then press [#]

15 Program User Codes

- Master Code then [-]
- Select Menu [2][2] (User Code)
- Use arrow keys to select the user or enter user number, then press [#]
- Enter new user code, then [#]
- Press [-] until 'Confirm to Save Parameter Changes' appears then press [#]

16 Perform Walk Test

- Main screen > enter Installer Code then [7][#]
- Zones will tick one by one as they are activated. Scroll using the arrows
- Press [-] to exit walk test mode

17 Learn in a Wireless Device

- Main screen > enter Installer Code then [0][#]
- Enter device/zone number using the number keys then press [#]
- Enter the device RFID number as printed on the device then press [#] **OR** just press [*] to enter auto-learn mode, trigger the device to learn, then press [#] to save
- Enter the RF Zone option
  1 = PIR/reed with magnet
  2 = external contact reed
  3 = Input 1 + Input 2, both alarm inputs
- Press [#]

18 Delete a Wireless Device

- Main screen > enter Installer Code then [0][#]
- Enter device/zone number using the number keys then press [#]
- Press [*] to delete the device

19 Learn in a Wireless Keyfob

- Main screen > enter Master Code then [1][#]
- Enter keyfob/user number using the number keys then press [#]
- Select RF keyfob then [#]
- Enter the device RFID number as printed on the device then press [#] **OR** just press [*] to enter auto-learn mode, press a button on the keyfob to learn, then press [#] to save
- Press [#] to save the new keyfob.

20 Delete a Wireless Keyfob

- Main screen > enter Master Code then [1][#]
- Select RF keyfob then [#]
- Enter keyfob/user number using the number keys then press [#]
- Press [*] to delete the keyfob then [#] to exit from the user and then [-] to exit

Both the **RADION Wireless Receiver** or **WE800EV2 Keyfob receiver** must be enabled in programming before learning keyfobs or wireless devices.

21 RF Signal strength for Wireless Zone/ Keyfob/Repeater

- Installer Code then [#]
- Select Menu [1][4][1] OR [1][4][2] OR [1][4][3] respectively
- Select Zone/Keyfob/Repeater Number using the number keys the [#]
- (choose Zone from 1 to 16, Keyfob 1 to 32 or Repeater 1 to 8)
- View RF signal strength
- [-] to exit

22 Enable IP module & Cloud Connectivity

- Installer code then [-]
- Module 1 enable network module = Menu 7-2-1 = Used, B4xx-M then [#]
- Module 1 enable cloud connection = Menu 7-2-1 = Enable
- If using 2 network modules:
- Module 2 enable network module = Menu 7-2-1 = Used, B4xx-M then [#]
- Module 2 enable cloud connection = Menu 7-2-1 = Enable
- Press [-] until 'Confirm to Save Parameter Changes' appears then [#]

(Note: when using B450-M, APN must be added using A-link Plus)

23 Cloud Status

- Installer Code then [#]
- Select Menu [1][2][3]
- Press [#] to check the online status for Network Module 1 and Network Module 2
- [-] to exit

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