EL-2724 Wireless Terminal Installation Guide



This installation quide explains how to mount, install and register the EL-2724 iConnect Wireless Terminal to the iConnect Control systems:

We strongly urge you to read through this manual, in its entirety, before beginning the installation process. Keep this manual in an accessible location for future reference. Package contents:

- Wireless Terminal EL-2724
- Transmitter
- External AC Transformer
- 4 Rechargeable Batteries (used as battery backup in case of AC loss).
- User Manual
- Installation Manual

Installation and Settings

To remove the EL-2724 from the mounting bracket, slide it up and pull.

Connecting the AC power:

- 1. Open the Battery Compartment. 9VDC connector - See Figure 4.
- 2. Connect the Adaptor 230/9V to the J1 9VDC connector of the EL-2724 observing the correct polarity - See Figure 5.

Batteries Replacement:

- 1. Open the Battery compartment to gain access to the batteries and AC connection - See Figure 4.
- 2. Disconnect the Adaptor 230/9V from the J1 9VDC connector of the EL-2724.
- 3. Replace the batteries observing correct polarity.
- 4. Reconnect the AC Power (See above).

RF Transmitter

To support the EL-2724, the Control System's main board must have the plug-in RF transmitter installed. Plug the on-board transmitter into the Control System's main board as shown in Figure 1.



Figure 1: Plugging in the On-Board Transmitter

Setting the Control System Parameters to Support the EL-2724

On the Control System, Enter the installer code and make the following settings:

1. Set the Wireless siren type to 2-way siren/KPD. To do so. on the Main Menu. select [91502].

4

- Below the batteries you will see the J1 2. Set the Wireless siren Exit tones to Wireless siren. To do so, on the Main Menu, select [9311], select Enabled.
 - 3. Set the Wireless siren Entry tones to Wireless siren. To do so, on the Main Menu, select [9321], select Enabled.
 - 4. Set the Wireless siren Arm tones to Wireless siren. To do so, on the Main Menu, select [9331], select Enabled.
 - 5. Set the Wireless siren Disarm tones to Wireless siren. To do so, on the Main Menu, select [9341], select Enabled.

Registration

EL-2724 is a two-way device that requires two registration procedures. First, register the Control System to the EL-2724, then register the EL-2724 to the Control System. Note: Only one EL-2724 may be registered to the Control System.

Control system registration to the EL-2724

Registration of the Control System to the EL-2724 allows the EL-2724 to recognize transmissions from the Control System. To register the Control System to the EL-2724:

1. Disconnect and connect again both the AC and battery power – see Connecting the AC Power and battery replacement.

Note: There is a five-minute time limit for the Control System registration to the EL-2724. The time starts to count down when you power up the system.

2. Set the EL-2724 to registration mode. To do so, press the "1", "3", and "5" keys on the EL-2724 simultaneously: the buzzer sounds three short tones and both LEDs flash to indicate that it is in Registration mode.

Note: If the EL-2724 does not enter Registration mode, reset the EL-2724 and try again. To reset the EL-2724, disconnect the power, wait for ten seconds and reapply power.

On the Control System, perform the Wireless siren test [703] twice (press () twice). Each time a transmission is received, the EL-2724 sounds one long tone. After the second transmission is received by the EL-2724, both LEDs stop flashing to indicate that the Control System was registered successfully and Registration mode has been terminated.

EL-2724 Registration to the Control System

EL-2724 Registration to the Control System allows the system to recognize transmissions from the EL-2724.

To register the EL-2742 to the Control System:

1. Set the Control System to Registration mode [913X1 - where X is the EL-2724 number 1-4].



Figure 4: Rear View

Figure 5: AC Connection



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Time Setting

2. Send two transmissions by pressing the cancel button (2) on the EL-2724 twice.

When the registration is completed, the "Save?" message appears on the 2. Press () once to switch between hours Control System LCD.

3. Confirm registration by pressing \odot on the Control System.

Note: After registration, the Control System transmits user code data to the EL-2724. This data transmission also occurs after each user codes editing and after each EL-2724 reset or Control System reset. While the EL-2724 is receiving user code list updates, both LEDs and the backlight flash. the LCD's clock display flashes 18:88, and the EL-2724 is temporarily locked. This process may take up to two minutes.

Mounting Position Testing

Note: Minimum mounting distance between the EL-2724 and the panel is 1.5m.

- 1. Test the EL-2724 from the exact mounting position before permanently mounting the unit. To do so, press one of the arming buttons on the EL-2724. If the two-way communication is OK, both the Control System's display and the EL-2724's arming icon will show the new arming status. If only the Control System's display shows the new status, it means that Control System registration to the EL-2742 has failed.
- 2. Proceed to Wall Mounting

Wall Mounting

- 1. Make mounting holes using the drilling template enclosed and install the wall anchors in appropriate positions.
- 2. Attach the mounting bracket to the wall using three screws.
- 3. Align the Mounting slots on the EL-2724's back housing with the mounting hooks on the bracket, attach the EL-2724 to the bracket and slide it down to fit.



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CE

1.	On the EL-2724, press and hold down 🖯
	When the ":" sign between the HH and
	MM stops blinking, adjust the time by
	pressing 🙆.
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and minutes. Press (1) to exit and save changes.

Technical Specification

Current consumption: 25mA (standby) /55mA (transmission)	Power 12VDC (supplied 230V/9V Adaptor) Battery backup by 4x1.2V 1600mAh NiMH batteries
Frequency: 418MHz, or 433MHz, or 868MHz	RFI immunity 40uV/m
Antenna: PCB printed	Operating temperature 0 to 60

