Kentec Electronics Ltd

XT+ Releasing Control Unit Operating Instructions

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Contents

Contents 2

User Access Levels 4

Standby Mode 4

Access Level 2 5

Access Level 3 8

Unit Tests 10

General Information 12

Operating Instructions 12

Inspecting Batteries 12

Replacing Standby Batteries 12

Related Documentation 12

Contact Information 14

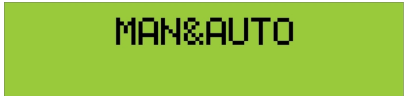
Emergency Contact 14

Service Contact 15

USER ACCESS LEVELS

Standby Mode

Standby mode indicates that they Enable Keyswitch has not be activated. The LCD screen will display the following:

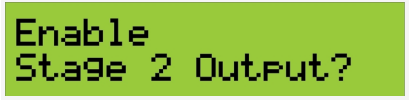


Specific functions are restricted when operating the unit in the standby, however this level allows users to perform simple tests. It also provides options for testing LED indicators of the fascia as well as color composition of the LCD panel GUI. Refer to **Unit Tests** for specific feature details.

Access Level 2

Insert the key in the Enable Access keyswitch and turn it to the right to obtain Access Level 2. XT+ releasing modules will ignore Enable Access commands from the Elite RS panel and will enter access level 2 only when their own Enable Access switch is operated. When the Enable Access keyswitch is turned, the XT+ LCD menu will display:

 	Press **Enter** to disable the extinguishant release outputs. The Disablement and Supervisory LEDs will illuminate and the buzzers will sound on the XT+ module and the Elite RS FACP. Press **Enter** to re-enable the outputs and restore the Disablement and Supervisory conditions.
 	Press **Enter** to disable the manual release input. The Disablement LED will illuminate and the buzzers will sound on the XT+ module and the Elite RS FACP. Press **Enter** to re-enable the input and restore the Disablement condition.
	Press **Enter** to disable the 1st stage relay output. The Disablement LED will illuminate and the buzzers will sound on the XT+ module and the Elite RS FACP.

	Press **Enter** to re-enable the output and restore the Disablement condition.
  	Press **Enter** to disable the 2nd stage relay output. The Disablement LED will illuminate and the buzzers will sound on the XT+ module and the Elite RS FACP. The display will show: Press **Enter** to re-enable the output and restore the Disablement condition.
 	Press **Enter** to disable the released output. The Disablement LED will illuminate and the buzzers will sound on the XT+ module and the Elite RS FACP. The display will show: Press **Enter** to re-enable the output and restore the Disablement condition.
	Press **Enter** to disable the extract output. The Disablement LED will illuminate and the buzzers will sound on the XT+ module and the Elite RS FACP. The display will show:

Enable Extract Output?	Press **Enter** to re-enable the output and restore the Disablement condition.
Turn ON Extract Output? Turn OFF Extract Output?	Press **Enter** to turn on the extract output. The buzzer will sound on the Elite RS FACP. The display will show: Press **Enter** to re-enable the output and restore the Disablement condition.
Select Reserve Extng. Output? Select Main Extng. Output?	Press **Enter** to select the Reserve output. When the Reserve output is selected, the Reserve Cylinders LED will be illuminated and the LCD will display the following: Press **Enter** to select the Main output.

Access Level 3

To enter Access Level 3, turn the Enable Access keyswitch and turn the Write Enable switch to the on (left) position. The following actions are available in Access Level 3:

- Set the extinguishing monitoring level.
- Display the number of updates to the module's configuration
- Change the monitoring level of the extinguishing outputs it is necessary to enter access level 3.

To enter Access Level 3, turn the Enable Controls keyswitch on and slide the **Write Enable** switch to the on position (left). The # represents the number of configuration updates made to the XT+ module.

```
AL3 Updates = #
ENTER for Menu
```

Press **Enter**, then **(+)** until the LCD displays:

```
Exting. O/P 1
Level = XXX
```

The XXX displayed here is the PREVIOUS (factory) level to which the monitoring level had been set.

Press **Enter**. The LCD will now show:

The XXX shown here is the CURRENT monitoring level detected on the extinguishing output. Press **Enter** to store that level. The circuit characteristics are then learned by the unit and a trouble will occur if these change.

Press **(+)** to display and set the monitoring level for output 2 in the same way as output 1.

UNIT TESTS

To perform a lamp, display, and buzzer test from Standby Mode or Access Level 2, press and hold the **Exit** button. After several seconds, the following should occur:

- all LEDs will illuminate
- the buzzer buzzes steadily
- the LCD will display the following:

GENERAL INFORMATION

Operating Instructions

These operating instructions shall be placed near the panel.

Inspecting Batteries

Inspect the standby batteries annually to determine the connection integrity to the XT+ Releasing Control Unit. The fire control panel contains sealed lead acid batteries to provide standby power in the event of power failure. The standby batteries have a life expectancy of 3 to 5 years. Test the standby batteries annually in accordance with the battery manufacturer's recommendations to determine their suitability for continued standby operation.

Replacing Standby Batteries

Replace standby batteries when the service period reaches 3 to 5 years or when the low battery message is present on LCD display. The standard size cabinet of the panel accepts battery sizes up to 28 Ah. Batteries larger than 28 Ah may be mounted remotely in a UL listed battery cabinet. Batteries smaller than 28 Ah do not require special cabinet mounting considerations. The power supply charges up to 60 Ah.

Related Documentation

The following documents shall be used to provide additional information for installing and operating the XT+ Releasing Control Unit:

- XT+ Releasing Control Unit Installation Guide (MAN-1252KE)
- XT+ Releasing Control Unit Wiring Diagram (MAN-1255KE)

CONTACT INFORMATION

Emergency Contact

Contact the company or individual responsible for providing assistance in the event of an emergency. In the event of an emergency, notify:

Name _____

Company _____

Primary Telephone _____

Secondary Telephone _____

Cell Phone _____

Address _____

City _____

State _____

Service Contact

Contact the company or individual responsible for providing service:

Name

Company

Primary Telephone

Secondary Telephone

Cell Phone

Address

City

State