Fike®

OPERATING INSTRUCTIONS
RDU14, Remote Display Unit
(P/N 10-2646)

These instructions must be framed and displayed next to the remote display unit in accordance with NFPA 72, National Fire Alarm Code for Local Fire Alarm System.

The access key to the RDU can be found at this location:

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1.0 OPERATING INFORMATION

Normal Standby

1. Green Power LED lit steady.
2. All audibles off.

System Alarm

1. Red Alarm LED flashes.
2. Local piezo pulses.
3. Alarm audible(s) on.
4. Alarm information visible on LCD (liquid crystal display).
5. Insert key and turn to ACCESS to enable the RDUs control buttons.
6. DO NOT press the RESET button at this time.
7. Press the ACKNOWLEDGE button to turn off the local piezo. Flashing LEDs will illuminate steady after button press.
8. Press the SILENCE button to turn off the local piezo and silence active audibles programmed for silence.
9. Press the ◄ ► buttons to display the source of the event on the top two lines of the LCD (liquid crystal display).
10. Investigate the source of the alarm condition and take appropriate actions.
11. After correcting the Alarm condition, press the RESET button to restore the system to normal operation.

System Trouble/Supervisory

1. Yellow Trouble and/or Supervisory LED flashes.
2. Local piezo pulses.
3. Trouble and/or Supervisory audible(s) on.
4. Trouble and/or Supervisory information visible on LCD (liquid crystal display).
5. Insert key and turn to ACCESS to enable the RDUs control buttons.
6. DO NOT press the RESET button at this time.
7. Press the ACKNOWLEDGE button to turn off the local piezo. Flashing LEDs will illuminate steady after button press.
8. Press the SILENCE button to turn off the local piezo and silence active audibles programmed for silence.
9. Press the ◄ ► buttons to display the source of the event on the top two lines of the LCD (liquid crystal display).
10. Investigate the source of the Trouble/Supervisory condition and take appropriate actions.
11. After correcting the Trouble/Supervisory condition, press the RESET button to restore the system to normal operation.

Trouble Condition – Activation of a trouble signal under normal operation indicates a problem with the system (not an alarm) that requires immediate attention. Contact your local service representative. In most trouble conditions, the fire alarm system continues to provide protection to the building and its occupants; however, trouble conditions should not be allowed to remain and should be investigated and remedied as soon as possible to insure proper system operation.

2.0 LED INDICATORS

Power – Green LED that illuminates when AC power is applied to the control panel. Turns off when the AC power is removed or is too low for proper operation.

Alarm – Red LED that flashes when the panel enters the Alarm state. Illuminates steady after you acknowledge or silence the event. Turns off after the event is cleared and the control panel is reset.

Trouble – Yellow LED that flashes when the panel enters the Trouble state or if a zone or device is disabled. Illuminates steady after you acknowledge or silence the event. Turns off when all trouble conditions are cleared.

Supervisory – Yellow LED that flashes when the panel enters the Supervisory state or if a zone or device is disabled. Illuminates steady after you acknowledge or silence the event. Turns off when all supervisory conditions are cleared.

Silenced – Yellow LED that illuminates steady after a SILENCE switch is pressed (local or remote). Turns off when DRILL or RESET button is pressed.

3.0 USER INTERFACE BUTTONS

Enter – Causes the RDU to accept the data value in the selected field or toggle the display to the next screen. Accessible only with the access key in the ACCESS position.

Escape – Toggles the display to the previous screen or displays the units firmware version on the bottom row of the display when pressed in normal standby. Accessible only with the access key in the ACCESS position.

Increments the display to the next event even with the access key in the LOCK position.

Decrements the display to the previous event even with the access key in the LOCK position.

Toggles the display between System Event and Event Source screens. Also used during configuration to move the cursor forward to the next valid cursor position.

Toggles the display between System Event and Event Source screens. Also used during configuration to move the cursor backward to the previous valid cursor position.

4.0 CONTROL BUTTONS

The RDU is equipped with eight (8) programmable control switches that can be programmed to perform any of the following functions. All functions, except for STEP, are protected by the key-switch.

Reset – Resets the control panel to normal operation. All active control functions (relays and NACs) will deactivate. All display LEDs will illuminate steady until reset is complete. If events are still present on the system, control functions will immediately activate.

Acknowledge – Silences the local piezo sounder and changes all flashing LEDs to steady. All outputs remain active. Creates an acknowledge event in the panel history buffer.

Silence – Silences the local piezo sounder and all silenceable circuits. Illuminates the Yellow SILENCE LED steady and creates a silence event in the panel history buffer.

Drill – Manually activates all outputs and notification appliances circuits assigned for drill operation in the configuration. Press the RESET button to clear the drill activation. Displays drill activation on LCD (liquid crystal display).

Process – Activates or deactivates (toggle) a process event for the assigned zone. Outputs assigned to the process state in the assigned zone will activate or deactivate (toggle).

Walk-Test – Manually activates the panel's walk-test function for testing purposes. Press the RESET button to clear the walk-test activation.

IR Tool – Enables or disables (toggle) the IR functionality of the panel's addressable loops one at a time (1 – 4). Each additional press will disable the previous loop and enable the next loop.

Step Alarm – Steps through the current ALARM events stored in the panel's Alarm history buffer since the last panel reset. Use the **+** and **–** buttons to increment and decrement through the events.

Step Supervisory – Steps through the current SUPERVISORY events stored in the panel's Supervisory history buffer since the last panel reset. Use the **+** and **–** buttons to increment and decrement through the events.

Step Trouble – Steps through the current TROUBLE events stored in the panel's Trouble history buffer since the last panel reset. Use the **+** and **–** buttons to increment and decrement through the events.

Step All – Steps through ALL events stored in the panel's current event history buffer since the last panel reset. Use the **+** and **–** buttons to increment and decrement through the events.

Fan Restart – Initiates the panel's fan restart sequence.

Zone Disable – Disables or enables (toggle) the assigned panel zone.

5.0 MAINTENANCE AND TESTING

To ensure proper and reliable operation of the system, system inspection and testing should be scheduled as required by NFPA 72, NFPA 16 or local codes. Only a qualified Service Representative should perform testing or system maintenance.

Before Testing: Notify the fire department and/or central alarm receiving station if alarm conditions are transmitted off-site. Notify facility personnel of the test so alarm sounding devices are ignored during the test period. Physically disconnect all releasing devices.

Before Servicing: Remove AC and battery power before performing any repair or service work on the control panel. Refer to Fike document 06-326-2, "CyberCat Operation and Maintenance Manual" for maintenance instructions.

6.0 IN CASE OF TROUBLE CONTACT:

Name:_____

Address:_____

Phone #:_____

or Fike Protection Systems
    Customer Service Department
    (800) 979-FIKE (3453) or
    (816) 229-3405

Refer to Fike document 06-610, "*Remote Display Units Product Manual*" for additional information.