

REMOTE LCD DISPLAY

GENERAL

The Fike Remote LCD Display (RDU), P/N 10-2321, provides full annunciation and control capabilities. The RDU is provided with an 80 character, backlit display which performs two display functions. First, it repeats information provided on the main display. Additionally, the RDU has the capability of viewing system conditions such as fire, trouble, etc.

The RDU comes standard with eight (8) membrane type buttons which can be programmed to perform any of the following functions:

- Reset
- Silence
- Acknowledge
- Step Alarm
- Step All
- Step Supervisory
- Drill
- Walk Test
- IR Tool Enable/Disable
- Zone Disable

All button functions, except for the “Step” function, are key switch protected. The buttons can be labeled with standard Avery 6467 or 5418 labels.

The RDU provides an integrated piezo which notifies occupants of a new event. The left side of the unit provides six (6) status LED’s to provide instant visual status of the system.

APPROVALS

- UL - S3217
- FM - 3020297
- COA - 307-05-E (Cheetah Xi)
 - 307-05-E VOL.2 (Cheetah Xi 50)
 - 490-04-E VOL.2 (Cybercat 50)
 - 490-04-E (Cybercat)
- CSFM - 7165-0900:137 (CyberCat Non-High Rise)
 - 7170-0900:148 (CyberCat High Rise)
 - 7165-0900:149 (Cheetah Xi Non-High Rise)



SPECIFICATIONS

Operating Voltage:	24Vdc
Current:	34 mA Normal Standby
	105 mA Backlight On (Event present)
	105mA Backlight & Piezo On (Abnormal condition present)
Dimensions:	4-3/4" L x 9-7/8" H x 2" D (12.07cm x 25.08cm x 5.08cm)
Weight:	9.36 lbs. (4.25 kg)
Operating Temperature:	0° to 49° C (32° to 120° F) 93% RH
Maximum number RDU's:	31
Communication:	RS-485 (See Note 1)
Maximum Distance:	4000 feet
Back-Boxes (See Note 2)	
- 02-4811 Dimension:	9-7/32" L x 3-3/4" H x 2-1/2" D (23.42cm x 9.53cm x 6.35cm)
- 70-1810 Dimension:	9-7/32" L x 3-3/4" H x 2-1/2" D (23.42cm x 9.53cm x 6.35cm)
- 02-4811 Weight:	2 lbs. (.91 kg)
- 70-1810 Weight:	2 lbs. (.91 kg)

Note 1: Low capacitance wire for RS-485 communication such as Belden 9841 is required.

Note 2: RDU mounts directly to a standard 5-gang, masonry backbox (ordered separately and not included with 10-2321), such as RACO model 694 and provides for flush mounting without additional hardware.

Note 3: Power for the module is provided by a separate power loop from the associated control panel or battery backed 24VDC, regulated, power limited power supply listed for Fire Protective Signaling Use.

OPERATION

When an event occurs on the Fike control panel, the information is transmitted to the RDU instantly. The RDU annunciates the new event by sounding its local piezo, lighting the corresponding LED, and displaying the event in the 80-character LCD window.

The user can step through multiple events using the front panel or programmed STEP buttons. They may also use the Fike key to ACCESS and Silence the system, acknowledge the event. Reset the system.

ORDERING INFORMATION

Part Number	Description
10-2321	Remote Display Unit (RDU)
02-4811	5-Gang Masonry Box (Raco 694) for semi-flush mount applications
70-1810	5-Gang Masonry Box (painted red) for surface mount applications

