Ten Button Remote Display

The Ten Button Remote Display (RDU-10) is a compact, cost-effective, 80 character, backlit remote annunciator. It is equipped with five LEDs (Power, Alarm, Trouble, Supervisory, Silenced) that provide a visual indication of the system status. In addition, ten navigation switches (Enter, Escape, +, -, left arrow, right arrow, Reset, Acknowledge, Silence and Drill) are provided to provide user navigation through system events and execution of system control functions. The RDU is equipped with a key switch to prevent unauthorized use of units switches.

The RDU is compatible with Fike's Cheetah® Xi and CyberCat® intelligent control panels. It connects to the host control panels RS485 peripheral bus for communication and requires 24 VDC power supplied by the host control panel.

APPROVALS:
- UL
- CSFM
- City of New York

Refer to agency website for approval information.

The RDU will display current event messages, similar to that of the host control panel. The display will latch on the first event received, except that Alarm events take precedence over Trouble and Supervisory events and will always be displayed over them. Events are stored in the RDUs 800 event history buffer on a first in – first out basis unless an Alarm event is received. At which point, the RDU will stop discarding messages and will retain the 50 previous messages received before the receipt of the Alarm message. The RDU will keep its history until the main panel is reset.

The RDU can be configured to display all system events, or it can be configured to show events for a single zone only.

FEATURES

- Mimics the system information displayed on the host control panel
- 80 character, backlit display
- Compatible with Fike's Cheetah Xi or CyberCat panels
- Can be located a maximum of 4,000 ft (1,219 m) from the host control panel
- Five LEDs provide a visual indication of system status
- Two switches provide easy navigation of system events

SPECIFICATIONS

Operating Voltage:	24 VDC regulated, (15-30 VDC)
Current Draw:	36 mA (normal standby) 139 mA (backlight, piezo, and all LEDs on)
Operating Temp:	0 - 49°C (32 - 120°F)
Operating Humidity:	93% RH
Terminals (P1 & P2):	Accept 14 – 26 AWG
RS485 Peripheral Bus:	Maximum 31 devices on the circuit Maximum 4,000 feet (1,219 m), panel to the last device Belden 9841, twisted-shielded cable or equivalent 96 ohms maximum line resistance 100-ohm termination resistor (last device only)
Compatible Firmware:	Version 3.0+
Electrical Connections:	Power-limited and supervised
Dimensions (LxH):	8.875" x 4.575" (225.4 mm x 116.2 mm)
Mounting:	Surface or flush mounted using compatible boxes

ORDERING INFORMATION

Part Number	Description
10-2631	Ten Button Remote Display
02-2123	4-gang masonry box, RACO 693 or equivalent (min. 2" depth)
02-11893	Space Age ESB surface mount back box (Red)
02-4202	Gangable remodel box (qty. 4)
10-2801-1-0-01-0-1-01*	CyberCat Local Operating Console with RDU Kit

*Kit includes LOC enclosure, LOC paging control card, LOC digital paging card, LOC microphone housing, and 10-button RDU.