

TX7330

LCD Repeater Panel



Features and Benefits

- Loop Fire display passive repeater panel
- Built-in MCU processor and digital addressing
- Fast response of audible and visible signal from the panel
- Direct access common keys such as MUTE, UP, DOWN and BROWSE.
- Programmable Zone Display such as All Zone, Single Zone and Three Adjacent Zone
- LED status indicator
- Onsite Adjustable Parameter
- Loop sited wiring with external 24V supply
- Compact size and aesthetically pleasing design
- Surface mounting with fix base for simple installation

Overview

TX7330 LCD Repeater Panel is designed with built-in MCU processor to display exact fire event messages from the control panel and fast relay response with simultaneous audible and visual signal output. This repeater panel can also program to limit the zone display from All Zones into a particular zone or three adjacent zones through the panel key buttons. The unit is connected through the communication loop of TX7004 Intelligent control panel along with the devices and can install up to 200 units per loop. The repeater panel can be used whenever there is a need to relay information to multipoint informing key personnel. The unit is manufactured base on the requirement of EN 54 part 2, European Standard. The unit is compact size and aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assemblies make installation and maintenance more convenient to the installer. The unit is compatible to the TX7004 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture T&A, to avoid addressable communication compatibility problem.

Technical Specification

Power Rating	
Input Voltage	Loop Power: 24VDC [16V to 28V]
External PSU:	24VDC [20 to 28V]
Current Consumption	Loop: Standby: 1mA, Alarm: 1.2mA
External PSU	Standby: 25mA, Alarm: 80mA
Repeater Panel	
Memory Capacity	Up to 300 fire event history
Number per loop	Up to 254 units (ideal)
Material / Colour	ABS / White Glossy finishing
Dimension / LWH	180mm x 110 mm x44 mm
Weight	300g (with Base), 256g (without Base)
Operating Temperature	0°C to +40°C
Humidity	0 to 95% Relative Humidity, Non condensing

Panels and Wiring Details

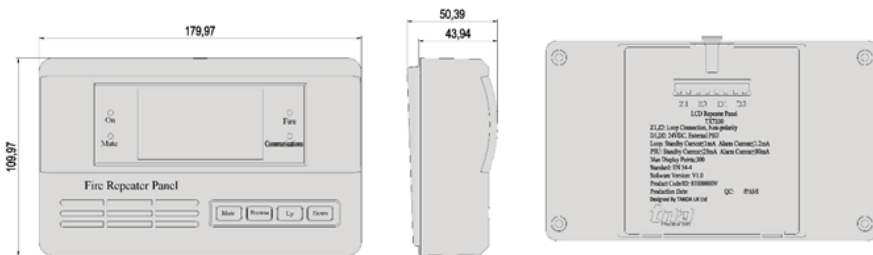


Fig.1 LCD Repeater Panel Structure

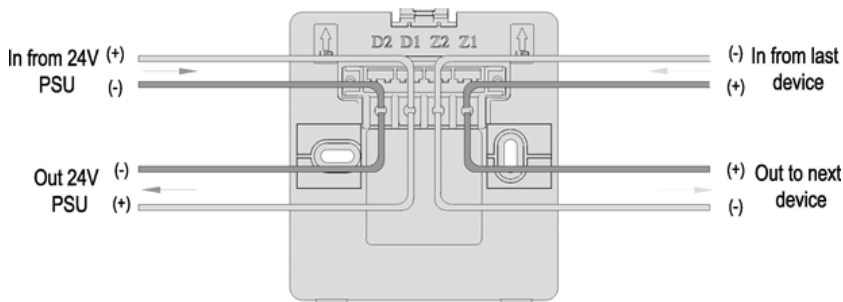


Fig.2 Wiring Details

Terminal Description

- Z1 Signal In (+)
- Z1 Signal Out (+)
- Z2 Signal In (-)
- Z2 Signal Out (-)
- D1 External Power Supply In (+)
- D2 External Power Supply In (-)
- D1 External Power Supply Out (+)
- D2 External Power Supply Out (-)