



TX7302

Addressable Sounder Base

EN54-17:2005
1330f/02

Feature and Benefits

- NEN 54-3 compliance
- Built-in MCU processor and digital addressing
- 17 tones Programmable sound output (Note: Tone 14, Tone 16 and Tone 17 are recognized by LPCB)
- Encoding modes such as Single-encoding Mode, Dual-encoding Mode 1 and Dual-encoding Mode 2
- Programmable Evacuate or Pre-alarm/Evacuate signal
- 8 highlights LED status cluster
- Be started directly by a detector
- Onsite adjustable parameters
- Loop power input
- Aesthetically pleasing design
- Universal mounting with fix base for simple installation

Overview

The TX7302 Addressable Sounder Base is an alarm warning device used to notify persons in the vicinity of the occurrence fire emergency in order the person to take appropriate measures. The unit adopt multi-application device starting from the types, parameters and wiring layout in single unit. The TX7302 Addressable Sounder Base is powered by the communication bus. The TX7302 can change into different encoding modes such as Single-encoding Mode, Dual-encoding Mode 1 and Dual-encoding Mode 2 using a programming tool. And it has different starting modes such as started by a detector, a controller or other front-end linkage. In addition, the alarm tone can be configured according to the requirement from 17 different tones.

The unit manufactured base on the requirement of EN 54 part 3, European Standard. The unit is 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.



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TANDA Development Pte.Ltd. | DATASHEET

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Technical Specification

Listed	LPCB Certification
Compliance	EN 54-3
Input Voltage	Loop Power: 24VDC [20V to 27.5V]
Current Consumption Standby	Standby 0.15mA, Alarm: 2mA
Protocol/Addressing	T&A, Value range from 1 to 254
Address Sequence	Single-encoding Mode: Alarm
	Dual-encoding Mode 1: 1st Alarm / 2nd Warning
Strobe Light	Dual-encoding Mode 2: 1st Warning / 2nd Alarm
	8 highlights LED
Material / Colour	ABS / White Glossy finishing
Dimension / LWH	Diameter 140mm / 58.1mm (with a cover)
Weight	198g (with a cover)/180g (without a cover)
Class	Type A, Indoors
Operating Temperature	-10° C to +55° C
Ingress Protection Rating	IP21
Humidity	0 to 95% Relative Humidity, Non condensing

Installation and Wiring

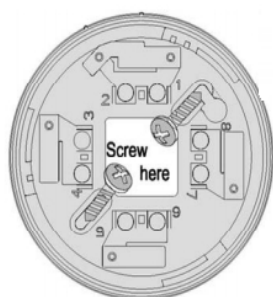


Fig.1 TX7980 base structure and the terminals connection diagram

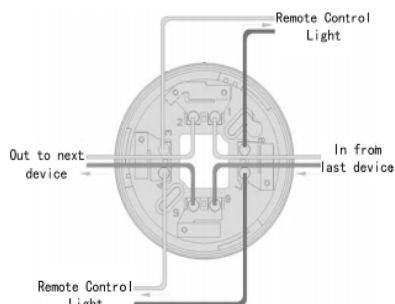


Fig.2 Bottom structure of the Base

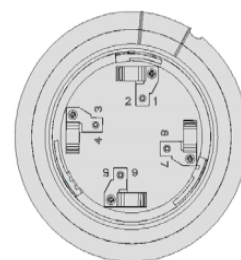


Fig.3 Top structure of the Base

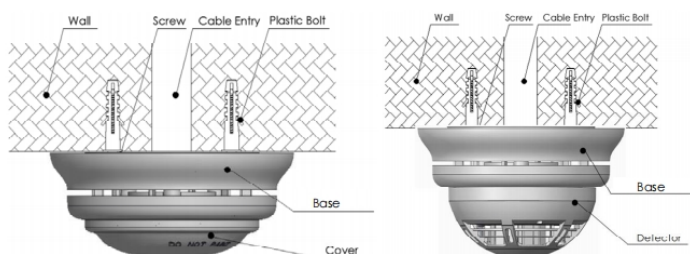


Fig.4 Addressable Sounder Base with an upper cover or a detector

