


Model 8715 Audible Bases for X1 Series Intelligent Analog Detectors

Features

- 8715 Compatible with X1 Series Detectors
- Produces 85db Audible Signal (Temporal or Steady)
- Surface Mounting
-  Listed, CSFM and NYMEA Approved



Introduction

The 8715 audible base contains a prewired audible piezo-electric device that produces an 85db signal for localized annunciation. The 8715 is designed for use with addressable analog 8713, 8712 and 8710 detectors. Typical application includes all areas that normally would require localized audible annunciation such as hotel, motel, apartment, condominium, and dormitory rooms.

8715

The Audible Base Model 8715 consists of a Faraday standard X1 Series base combined with supportive circuitry for the X1 Series Detectors and an audible device. All field wiring terminates at two of the four-position terminal blocks located on the back of the unit. The 8715 can be used with the MPC-6000 and 7000 family of control panels.

Several different configurations can provide audible signal circuit power to the 8715 (See the typical Installation/Wiring Diagram included with the unit). During the supervision state (no alarms), the polarity of the power to all 8715's is in the normal state, resulting in zero current flow to each base.

When any alarm is reported to the system, the power to all 8715's reverses polarity, with no audible sound. The system may then selectively command the 8715, under programmed control, to become audible. All 8715 bases are capable of sounding simultaneously, individually or in any combination depending upon the system program and control panel. The 8715 is UL 268 listed and achieves the audibility sound output of 85 decibels at ten feet. The installation of a jumper wire between terminals 3 and 4 of the 8715 changes the tone output from steady to temporal.

APPLICATION NOTE: The 8715 is a smoke detector accessory combining detector base and audible device functions. It meets the audibility requirements for smoke alarms as specified in UL268, Single and Multiple Station Smoke Alarms. When used in conjunction with listed, compatible equipment, the 8715 may be used in lieu of single/multiple station smoke alarms to achieve enhanced system-level functionality.

Application Data

The 8715 is compatible only with the X1 Series addressable detectors.

The smoke detectors used with the 8715 are subject to the maximum 30 ft. center spacing (900 sq. ft.) as referred to in the National Fire Protection Association Standard 72. This spacing, however, is based on ideal conditions, namely, smooth ceiling, no air movement, and no physical obstructions between the fire source and the detector. This spacing should be used as a guide for detector installation layout. Do not mount detectors in areas close to ventilating or air conditioning outlets. Exposed joists or beamed ceilings may also effect safe spacing limitations for detectors. It is mandatory that NFPA 72 and good engineering judgement be applied regarding detector locations and spacing.

Detectors include the following models:

8710
8712
8713

Ordering Information

Model	Description	Part No.
8715	Audible Detector Base	500-033280FA



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