

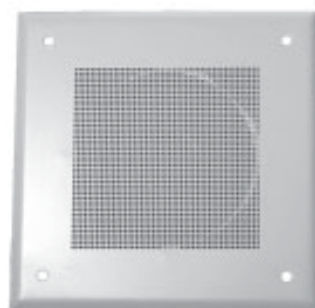
www.firecontrolinstruments.com

## LOUDSPEAKER APPLIANCES

### DESCRIPTION

FCI loudspeaker notification appliances are U.L. Listed for Emergency Fire Alarm Voice Evacuation Systems under U.L. Standard 1480. The devices consist of a preassembled 4 or 8-inch speaker with fire retardant and moisture resistant cone with whizzer, 70.7 volt line transformer and line supervision capacitor installed on a U.L. Listed square or round grille.

A variety of U.L. Listed enclosures is also available and must be used with the appropriate speaker/transformer/ grille package in order to comply with U.L. Listing requirements. The superior performance and high quality of these speaker assemblies allow their use, when permitted, as background music reproducers in addition to emergency use.



### SPECIFICATIONS

#### SPEAKER

Ceramic magnet  
Frequency response  
Output (1 Watt input)  
Voice coil (8 ohm)

#### UDT

5 oz.  
400 Hz - 4kHz.  
94 dB @ 1 mtr  
¾-inch diameter

#### UHT

10 oz.  
50 Hz - 15 kHz.  
95 dB @ 1 mtr  
1-inch diameter



#### TRANSFORMER

Primary volts  
Power rating (multi-tap)  
Insertion loss  
Terminations

70.7Vrms  
¼, ½ & 1 Watt  
1.5 dB  
6" color-coded

70.7Vrms  
½, 1, 2 & 5 Watt multi-tap  
1.5 dB  
6" color-coded

### ORDERING INFORMATION

#### SPEAKER

| Part No.  | Model          | Size/Shape           | Finish       | Required Enclosure |
|-----------|----------------|----------------------|--------------|--------------------|
| 136-48931 | UDT7C-B-U52-4  | 4" dia. round, flush | White enamel | See Fig. 1         |
| 136-48831 | UDT7C-B-U162-4 | 4" square, flush     | White enamel | See Fig. 1         |
| 136-50931 | UHT70C-U51-8   | 8" dia. round        | White enamel | U95-8              |
| 136-50831 | UHT70C-U161-8  | 8" square            | White enamel | USE175-4           |

#### ENCLOSURES

| Part No.  | Model    | Description              | Size                        |
|-----------|----------|--------------------------|-----------------------------|
| 136-98902 | U95-8    | Recessed round enclosure | 11 ¾ dia. x 4 ¼ inches deep |
| 136-99830 | USE175-4 | Surface square enclosure | 11 ⅝ x 11 ⅝ x 4 inches deep |

### An ISO 9001 Company

Specifications are provided for information only, are not intended to be used for installation purposes and are believed to be accurate. However, no responsibility is assumed by Fire Control Instruments for their use. Specifications subject to change without notice.  
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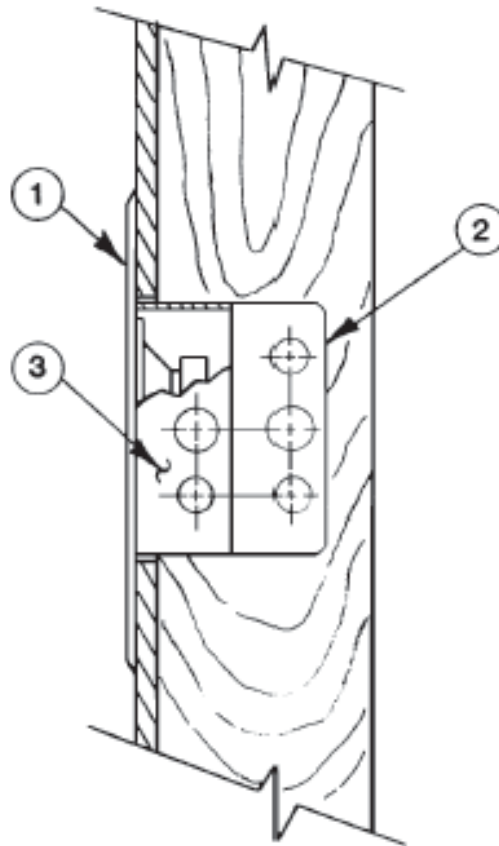


Figure 1

**NOTE: All boxes must be recessed in wall**

**Flush Mount (Figure 1)**

| Item No | Description/Model                                 |
|---------|---------------------------------------------------|
| 1       | UDT7C-B-U52-4                                     |
|         | UDT7C-B-U162-4                                    |
| 2       | Std. 4-inch square x 1 ½-inch deep electrical box |
| 3       | Std. 4-inch square x 1 ½-inch deep electrical box |