

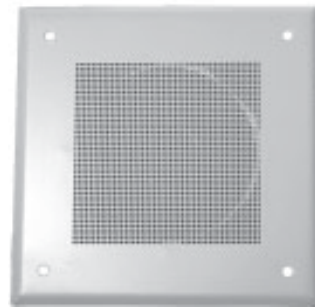
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## LOUDSPEAKER APPLIANCES

### DESCRIPTION

FCI loudspeaker notification appliances are U.L. Listed for Emergency Fire Alarm Voice Evacuation Systems under U.L. Standard I480. 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 & 1Watt  
1.5 dB  
6" color-coded

70.7Vrms  
½, 1, 2 & 5Watt 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	11¾ dia. x 4¼ inches deep
136-99830	USE175-4	Surface square enclosure	11⅝ x 11⅝ x 4 inches deep

### An ISO 9001 Company

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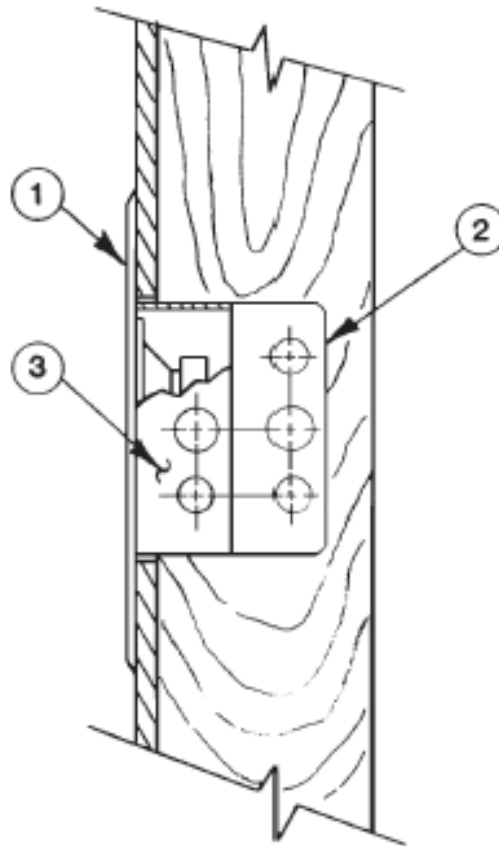


Figure 1

**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

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