

Installation - Series ULT (28LO) Fire Protective Signaling Speaker

These speakers are intended to be employed in either of the following configurations:

A. For fire alarm signaling service in conjunction with a compatible Listed system control unit, the combination of which is intended to be installed as a combination system control in accordance with the applicable requirements of NFPA 72 and the local authorities having jurisdiction. The amplifier, in conjunction with the tone generator located in the control unit, provides the power and signal, either for the alarm evacuation and/or for voice communication.

B. For general (non-fire alarm) signaling service in conjunction with compatible Listed sound recording and reproducing equipment, the combination of which is intended to be installed in accordance with the applicable requirements of the National Electrical Code and the local authorities having jurisdiction. The amplifier or other sound reproducing equipment provides the power for voice communication or any other related function to the speakers.

Connection Notes: Parallel input leads are provided on Series ULT speakers for proper utilization of the electrical supervision scheme. Connect one pair (red and black) to the incoming line from the signal source or previous speaker. Connect the other pair (red and black) to the outgoing line to the next speaker or end-of-line termination device. A red jumper is connected to the 70.7V 0.5W tap when shipped from the factory. If desired, move the red jumper to a different transformer power tap. See "Figure 1" on this page for available transformer power taps.

ULTWB4CT572 ASSEMBLY



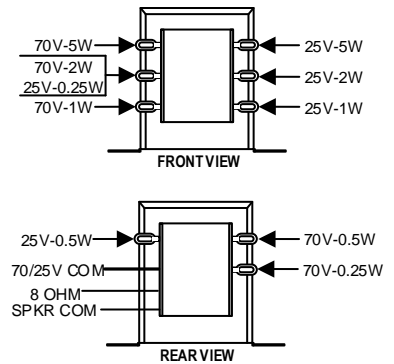
ULTSG4CT572 ASSEMBLY



ELECTRICAL SPECIFICATIONS

Frequency Response: 60Hz - 12kHz ± 9dB	Intended Use: Indoor Dry Locations
2kHz Dispersion at -6dB down points: With SG4 Grille:120 Degrees/With WB4 Grille:110 Degrees	
Directional Characteristics Test With Full Power Pink Noise Input Measured at 3m: On Axis = 92.2dBA, -3dBA at 50° off axis, -6dBA at 70° degrees off axis, 83.0dBA at 90° off axis	
JR410 Driver Size: 4" (EIA 5")	JR410 Impedance: 8 Ohms
JR410 Driver Power Rating: 15 watts RMS	JR410 Magnet: 10 oz. Ceramic
JR410 Driver Construction: Paper Cone, 1" Voice Coil, 20 Gauge Stamped Steel Basket	
Supervision Capacitor: 10uF 160V. Maximum Allowable Supervision Voltage: 100 VDC.	

**FIGURE 1
 #13456
 TRANSFORMER TAPS**



ELECTRICAL AND AUDIBLE RATINGS		ULTWB4CT572	ULTSG4CT572
MAXIMUM VOLTAGE	TLM572 (#13456) TRANSFORMER TAP	UL dBA RATING AT 10FT	UL dBA RATING AT 10FT
70.7 V RMS	5.0 W.	75.6	75.6
	2.0 W.	82.9	82.9
	1.0 W.	79.7	79.7
	0.5 W.	76.9	76.9
	0.25 W.	60.0	60.0
25 V RMS	5.0 W.	77.9	77.9
	2.0 W.	82.7	82.7
	1.0 W.	80.2	80.2
	0.5 W.	77.2	77.2
	0.25 W.	60.2	60.2

Note: The UL dBA ratings given above are the low readings from 11 samples so they may not be as expected for one sample.



CP4 ENCLOSURE



P625X ENCLOSURE



CB44 ENCLOSURE