



Model No.

ULT-SG4-CT572

4" Speaker Assembly

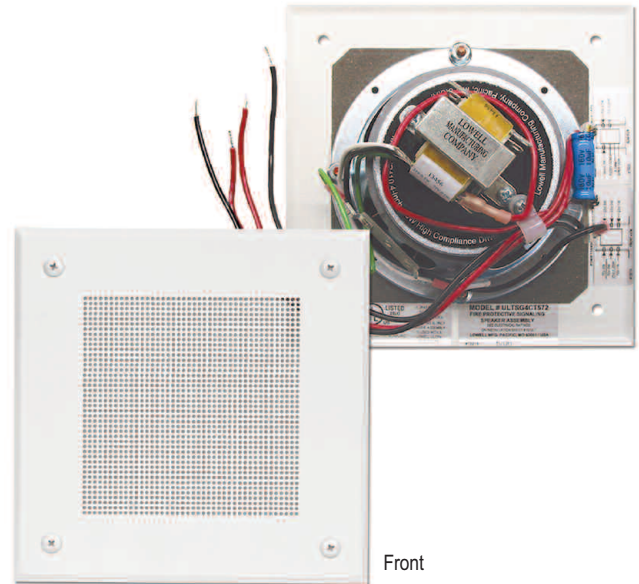
- Includes driver, transformer, grille
- UL Listed for Fire Protective Signaling when used with approved backbox (order separately)

Speaker/Transformer/Grille assembly features a 4" (EIA 5") high-compliance cone driver and is engineered to meet UL Standard 1480 (5th ed.) to provide clear signal reproduction for indoor fire alarm/emergency warning systems and general voice communication for other applications.

NOTE: This assembly must be used with compatible control equipment and one of the approved backboxes to maintain UL Listings (see page 2, order separately).

Features

- Meets NFPA 72A, UL Standard 1480 5th edition (for fire protective signaling systems), and UL 2043 (for use in plenum spaces) when used with approved backbox (order separately).**
- Factory-mounted 70/25V dual voltage transformer with power tap lugs (1/4, 1/2, 1, 2, 5W), parallel input leads
- The 4" 15W driver with 5W multi-tapped transformer reproduces emergency alarm and voice instructions with high efficiency and clear intelligibility.
- DC blocking capacitor
- Steel screw-mount grille (7 in. square) with white powder epoxy finish.
- Delivers excellent sensitivity per UL's measurement standard of 2W @10ft. This recognized standard assures emergency communications can be heard and understood.
- Ships ready for installation to approved backbox (required to maintain UL Listings – order separately).



A&E Specifications

The fire-protective speaker assembly shall be AVLELEC Model No. ULT-SG4-CT572. The driver shall be 4" (EIA 5") with a high compliance cone. It shall have a factory-mounted dual voltage 70/25V transformer with (1/4, 1/2, 1, 2, 5W) power tap lugs and parallel input leads. The driver shall have a 15 watt power rating and a sound pressure level of _____ when measured at 2 watts @10 ft. The assembly shall include a DC blocking capacitor and factory mounted square steel grille (7" square) with white powder epoxy finish.

It shall mount to AVLELEC backbox Model No. _____, which is required to maintain UL Listings (order separately).

Model No. Summary

Model No.	Driver	Transformer	DC Blkg. Capacitor	Grille	Approved Backbox* (not included – order separately)
ULT-SG4-CT572	4" cone	70V / 25V	10 mfd @ 160V	7" square	CB44** or P625X

* Approved backbox is required to maintain UL Listing. ** Surface-mount backbox CB44 is not UL 2043 rated for use in plenum spaces.

Driver Specs

Model No.	Size	Type	Ceramic Magnet	Molded Cone	V.C. Impedance	V.C. Dia.	Power Rating	Sensitivity 1W / 1M*	Depth w xfmr
ULT Series	4"	High compliance	10 oz.	Paper	8 Ohms	1"	15 Watts RMS	91dB Avg	3.75"

* UL dBA rating at 10 ft: 70.7V input 1W: 79.7 dBA, 25V input 1W: 80.2 dBA

Transformer Specs

Voltage	Power Rating	Primary Taps	Secondary Impedance	Core Size	Insertion Loss	DC Blocking Capacitor
70V / 25V	5 watts	1/4, 1/2, 1, 2, 5W	8 ohms	1/2" x 1/2"	< 1	10 mfd @ 160V

Assembly Specs

Model No.	Transformer (2 per assembly)	DC Blkg. Capacitor	Grille	Backbox (not included, order separately)*	UL Tested Response w grille & backbox***	Dispersion with grille 2kHz – 6dB
ULT-SG4-CT572	70V / 25V	10 mfd @ 160V	7" square	CB44** or P625X	60Hz–12kHz ± 9dB	120 degrees

* Order approved AVLELEC backbox separately (required to maintain UL Listing)

** Surface-mount backbox CB44 is not UL 2043 rated for use in plenum spaces.

*** Actual response exceeds that tested by UL.

Approved Backboxes (required to maintain UL Listings, order separately)



Model No. CB44

- Surface-mount steel backbox
- 7.125" square
- 4.375" deep
- White finish
- Mounts Grille SG-4 that's used in ULT assembly
- This backbox is not UL 2043 rated for use in plenum spaces.



Model No. P625X

- Recessed steel backbox
- 6.25" square
- 4" deep
- Black finish
- Mounts Grille SG-4 that's used in ULT assembly