



Model No. **ULT-WB4-CT572** **4" Speaker Assembly**

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

Assembly with 4" (EIA 5") high-compliance cone driver 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. It must be used with compatible control equipment and the approved backbox to maintain UL Listings (order separately).

Features

- Meets NFPA 72A, UL Standard 1480 5th edition (for fire protective signaling systems), and UL2043 (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
- Round steel screw-mount grille (7.25" dia.) 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).



Front

A&E Specifications

The fire-protective speaker assembly shall be AVLELEC Model No. ULT-WB4-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 pres-sure level of _____ when measured at 2 watts @10 ft. The assembly shall include a DC blocking capacitor and factory mounted, round steel grille (7.25" dia.) 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-WB4-CT572	4" cone	70V / 25V	10 mfd @ 160V	7.25" diameter	CP4

* Approved backbox is required to maintain UL Listing.

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-WB4-CT572	70V / 25V	10 mfd @ 160V	7.25" diameter	CP4	60Hz–12kHz ± 9dB	110 degrees

* Order approved AVLELEC backbox separately (required to maintain UL Listing) *** Actual response exceeds that tested by UL.

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



Model No. CP4

- Recessed steel backbox
- 6.3" dia.
- 4.06" deep
- Black finish
- Mounts Grille WB-4 that's used in ULT assembly