



Front



Rear

Model No.

VRG-LUH15TX

Horn with Vandal-resistant Grille

The VRG-LUH15TX assembly features a cast aluminum grille mounted to a Unihorn® with weather-resistant housing engineered for labor-saving installation in brick, concrete block, plaster, or drywall (indoors or outdoors, recessed or surface-mount). For paging and general voice communications (25V, 70V, 100V or 8ohm). Ideal for school intercom systems (25V).

FEATURES

VANDAL-RESISTANT GRILLE (VRG-8):

- Cast aluminum with 18-gauge galvanized steel perf for added protection
- White finish
- Square (11.44" x 11.44")
- Screw-mount (includes Torx security screws)
- Country of origin: U.S.A.



UNIHORNS® (LUH-15TX):

- 15W compression driver
- Power rating of 15 watts RMS
- Re-entrant horn with weather resistant housing
- For indoor / outdoor use
- Country of origin: China

SELECTABLE TRANSFORMER:

- 25V @ .13, .25, .50, 1.0, 1.9, 4.7, 7.5, 15W
- 70V @ 1.0, 2.0, 3.8, 7.5, 15W
- 100V @ 2.0, 4.0, 7.5, 15W

OPTIONAL HARDWARE: (order separately)

- TSB: Torx security drill bit (for use with security screws)

A&E SPECIFICATIONS

The horn/grille assembly shall be Lowell Model VRG-LUH15TX, which shall feature a vandal-resistant cast aluminum grille with white finish and secondary galvanized steel perforation, mounted to a re-entrant horn. The horn shall feature a self-contained compression driver in cast aluminum weather-resistant housing that can be installed in 4-inch deep (minimum) space. Power rating shall be 15 watts continuous. The unit shall have a 100V/70V/25V transformer, with taps selectable on rear of horn, and 8ohm transformer bypass input. The assembly will ship ready for standard two-wire connection with cable exiting through a rear waterproof gland-type connector.

VRG SERIES SUMMARY

Assembly Model No.	Driver	Transformer	Transformer Taps	Cast Aluminum with White Finish	Ideally Suited For
VRG-810-72	8" 15W Dual Cone	25V/70V	0.25, 0.5, 1, 2, 5W	Square, screw-mount	Indoor
VRG-8C10MRB-72	8" 15W Single Cone	25V/70V	0.25, 0.5, 1, 2, 5W	Square, screw-mount	Indoor/Outdoor
VRG-LUH15TX	15W Compression	25V/70V/100V or 8ohm	varies	Square, screw-mount	Indoor/Outdoor

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SPEAKER ASSEMBLY SPECIFICATIONS (MEASURED HALF SPACE)

Assembly No.	Driver Power Rating	Transformer Taps	Assembly Frequency Response	Assembly Dispersion @2000Hz Octave	Assembly Sensitivity	Assembly Mounting Depth *	Max SPL
VRG-LUH15TX	15W	25V @ .13, .25, .50, 1.0, 1.9, 4.7, 7.5, 15W	674Hz-5.8kHz (+6dB)	85 degrees conical	104.2dB	2.84"	116.0dB **
		70V @ 1.0, 2.0, 3.8, 7.5, 15W		(-6dB)	Avg SPL		
		100V @ 2.0, 4.0, 7.5, 15W					

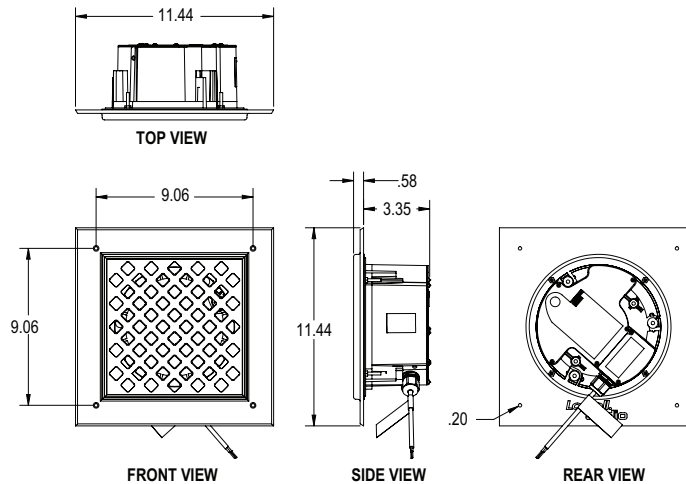
* Minimum enclosure depth required for assembly to be rear-mounted to grille. ** Calculated value 1M @ maximum transformer tap (15W). Additional information available on specification sheet for horn model LUH-15TX

Note on Spacing: To determine speaker spacing, see the technical paper "Distributed System Speaker Spacing for the Integrator." A free download is available at Lowellmfg.com, where an online spacing calculator is also available.

COMPATIBLE COMPONENTS (ORDER SEPARATELY):

Note: Grilles are designed to work with speakers, and enclosures listed on this specification sheet. Using the grille to install speakers without a metal enclosure may not meet the requirements of all local and national electrical and building codes. The installer should request approval of the installation method from the Authority Having Jurisdiction (AHJ) before installing the speaker system.

Application	Enclosure	Mounting Aids
SURFACE-mount	CB84-SGVPA (indoor use only) CB84-SGVPO (outdoor use)	Mounting screws (furnished by contractor)
RECESSED in Tile Ceiling	P68XA (4"D) P68XA-6 (6"D)	SS24, SS30, or SS48 tile support rails or contractor's custom hardware
RECESSED Before Drywall Installed	P68XA (4"D) P68XA-6 (6"D)	SS24, SS30, or SS48 mounting rails (to span ceiling structural members) or contractor's custom hardware
RECESSED Retrofit in Existing Drywall	P68XA (4"D) P68XA-6 (6"D)	SS9 retrofit mounting rails or contractor's custom hardware



WARNING! Speaker installation should only be performed by experienced qualified professionals with knowledge of load-rated hardware and safe installation, mounting, and rigging techniques. Improperly installed equipment can result in property damage, personal injury, death, and/or liability to the installing contractor. The speaker system must be mounted in accordance with all local, state, and federal codes and regulations and the installation must conform to industry standard practices. It is the responsibility of the installer to furnish all installation hardware, rigging hardware, and safety or restraint cables to be used. Before installation, it is the responsibility of the installer to consult a licensed mechanical or structural engineer to evaluate and certify the structural integrity and safety of any mounting method and the suitability of that method to be used to mount the loudspeaker to the building structure in this particular installation. Lowell Manufacturing is not responsible for the use, misuse, misapplication, or unsafe installation of this loudspeaker product.