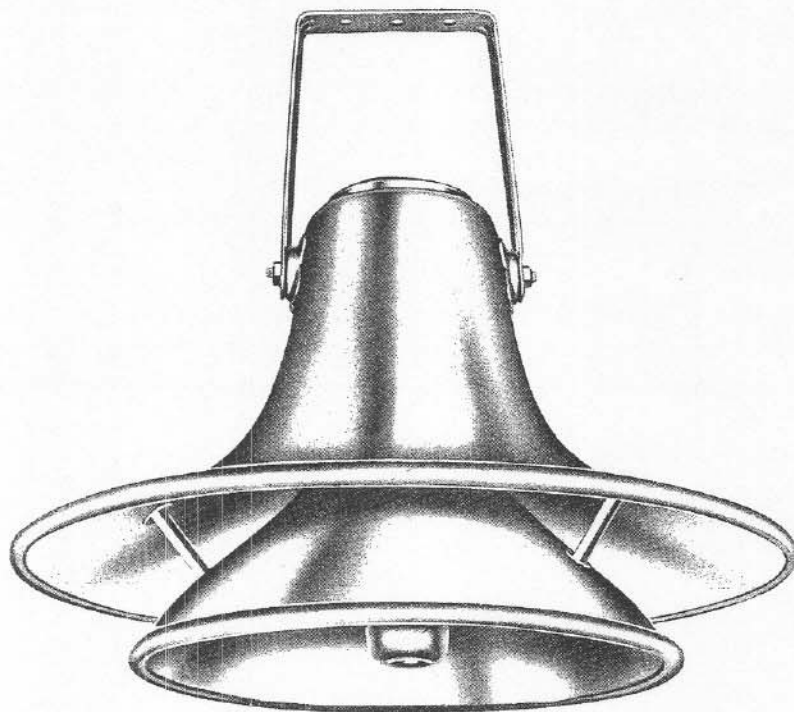




UNIVERSITY SOUND



Specifications and Instructions



Radial Reflex Trumpets

FEATURES

- 360° sound distribution
- Unexcelled ruggedness
- Fully weatherproof
- All hardware impervious to rust
- High efficiency

SPECIFICATIONS

HORN MODEL	LOW END CUT-OFF	SOUND DISTRIBUTION	AIR COLUMN LENGTH	DIMENSIONS	SHIPPING WEIGHT
RLH	120 Hz	360°	5 ft.	18½" L. x 28⅝" Dia.	25 lbs.
RPH	140 Hz	360°	4 ft.	13¾" L. x 25⅝" Dia.	19 lbs.
RSH	180 Hz	360°	3 ft.	11" L. x 19" Dia.	13 lbs.

The UNIVERSITY SOUND RADIAL REFLEX TRUMPET Models RLH, RPH, and RSH are ideal for covering large moderate noise level areas with a minimum of speakers. The trumpet design assures maximum power transfer characteristics and high efficiency, requiring fewer speakers and less amplifier power to cover a given low to moderate noise level area. The result is freedom from distortion and remarkable amplifier economy, especially when combined with high efficiency UNIVERSITY COMPRESSION DRIVERS. Maximum

compactness is achieved through reflex construction. The 360 degree dispersion of sound assures optimum penetration of noise areas and smooth, even sound coverage for both music and voice articulation. Rubber damping rings on both the bell and deflector eliminate spurious resonances. All UNIVERSITY RADIAL REFLEX TRUMPETS are completely weather-proof and utilize a positive lock "U" mounting bracket for convenience of mounting in almost any position or to a pipe fixture.

Radial Reflex Trumpets RLH-RPH-RSH

Engineers' Specifications

The Radial Reflex Trumpet(s) shall be (a) University Model [A] or approved equal. (The) (Each) trumpet shall be a reflexed radial, with reflector, bell, and deflector of spun aluminum and shall have an air column length of [B]. A rib-reinforced steel "U" mounting bracket shall be affixed to the bell with fully serrated, adjustable joints and bracket position secured by self-locking nuts. All parts other than hardware, but including the mounting bracket, shall be finished in gun-metal gray baked acrylic paint.

The mounting bracket shall have three holes at the base for mounting to a pipe fixture. Threaded throat area to accommodate screw-in driver shall have standard $1\frac{3}{8}$ "—18 thread. Overall trumpet length shall not exceed [C], less mounting bracket and driver unit. Bell mouth diameter shall not exceed [D] and both bell and deflector shall have rubber resonance damping rims. University Sound Model [A] is specified.

[A]	[B]	[C]	[D]
RSH	3'	11"	19"
RPH	4'	13 $\frac{3}{4}$ "	25 $\frac{1}{8}$ "
RLH	5'	18 $\frac{1}{2}$ "	28 $\frac{1}{8}$ "

SOUND PRESSURE LEVELS AVAILABLE WITH VARIOUS UNIVERSITY DRIVERS

	ID-20	ID-30 / ID-30T	ID-40 / ID-40T	ID-60 / ID-60T	ID-75
RLH	108	114	116	119	120
RPH	110	115	116	120	121
RSH	108	114	115	118	119

The above sound pressure levels were taken at the rated driver power handling capacity, at 4 ft. on the acoustic axis (see fig. 1), ref: .0002 dynes/cm². The figures are the average sound pressure level of the 750-1250 Hz band.

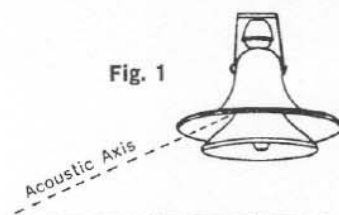


Fig. 1

Western Canada: Chas. W. Thompson Ltd.
1121 West 15th Street
North Vancouver, B.C.

Export: Roburn Agencies
349 West 14th St.
New York, N.Y. 10014
Cable Address: ROBURNAGE

Canada: John R. Tilton Ltd.
51 McCormack St.
Toronto, Ontario

WARRANTY University Sound guarantees all products to be free from defective material and workmanship for the following period from the date of resale by an authorized University Sound distributor.

- A. Electronic Products Two (2) Years
- B. Speakers & Microphones Five (5) Years
- C. Underwater Products One (1) Year

University Sound will replace defective parts and repair malfunctioning products under this warranty when the defect occurs

under normal installation and use, provided the unit is returned to our factory via prepaid transportation. (Parcel post is not suggested.) This warranty provides that examination of the returned product must disclose, in our judgment, a manufacturing defect. This warranty does not extend to any product which has been subject to misuse, neglect, accident, improper installation, or where the serial number has been removed or defaced and is given in lieu of any other warranty implied or expressed and will not cover any consequential damages.



UNIVERSITY® SOUND