



The Mark of the Professional...

DH-15T/8 & DH-30T/8 HORN SPEAKERS

Installation Instructions

J.W. Davis horn speakers have been engineered to provide high-intelligibility for voice paging in schools, industrial plants, warehouses, commercial and recreational installations in either indoor or outdoor areas. In addition to taps for 25V and 70V line systems, the versatile DH Series has an 8-ohm paging tap that allows use as an external speaker for mobile two-way radios or other 8-ohm applications. Universal gimbal mounting bracket allows easy installation on flat or rounded surfaces. Rugged construction with baked epoxy finish and protective cover for terminal strip assure extended high quality performance.

- MOUNTING:**
1. Completely loosen the wing nut and remove the tapered screw.
 2. Mount the bracket in the selected location with wood screws, toggle bolts, stove bolts, or 1/2" steel banding as appropriate.
 3. Remount the horn on the swivel bracket with the tapered bolt and wing nut.
 4. Aim the horn in the desired direction and *hand tighten* the wing nut. The swivel bracket allows 360 deg. rotation and 160 deg. vertical adjustment.

- WIRING:**
1. Remove the clear plastic cover over the connection screws.
 2. Strip the wire insulation back about 3/8".
 3. Secure the wire to the screw terminals attaching "-" to terminal 1 and "+" to terminal 2.
 4. Strain relieve the wire by laying two-conductor wire in the narrow recess or shielded cable in the wide recess.

- SELECTOR SWITCH:**
1. Set the transformer tap at the desired setting. Adjust the switch with a slot-head screwdriver until the end of the slot *which is opposite the flat on the shaft* points to the desired setting number. See the chart below or the table on the decal on the rear of the driver to determine the wattage provided at each switch setting number.
 2. Replace the clear plastic cover.
 3. Installation complete.

GENERAL HORN SPEAKER SPECIFICATIONS

Model	DH-15T/8	DH-30T/8
Power Rating (RMS) :	15 Watts continuous 20 Watts equalized	30 Watts continuous 40 Watts equalized
Frequency Responses :	450 - 5,000 Hz ± 5dB	450 - 5,000 Hz ± 5dB
Impedance :	Adjustable to 8 ohms or @ 25V to 1300, 666, 333, 83, 42 ohms; @ 70V to 2500, 1300, 666, 333 ohms	Adjustable to 8 ohms or @ 25V to 333, 167, 38, 21 ohms; @ 70V to 1300, 666, 333, 167 ohms
Dispersion :	110°	100°
Sound Level :	121dB	125dB
Magnet :	Ferrite	
Finish :	Mocha Tan, Texturized Epoxy Enamel	
Dimensions :	8" W x 8" H x 9 1/4" D	10" W x 9 1/2" H x 10 1/2" D
Shipping Weight :	5 lbs.	6 lbs.

SELECTOR SWITCH SETTINGS

MODEL DH-15T/8

Position	Watts (25V)	Watts (70V)	Watts 8 Ohm	Z (Ohms)
1	-	-	15.00	8
2	*	1.80	-	2500
3	0.48	3.70	-	1300
4	0.94	7.50	-	666
5	1.80	15.00	-	333
6	7.50	*	-	83
7	15.00	*	-	42

* Switch Setting Unavailable

MODEL DH-30T/8

Position	Watts (25V)	Watts (70V)	Watts 8 Ohm	Z (Ohms)
1	-	-	30.00	8
2	*	3.70	-	1300
3	*	7.50	-	666
4	1.80	15.00	-	333
5	3.70	30.00	-	167
6	15.00	*	-	38
7	30.00	*	-	21

* Switch Setting Unavailable

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NEW TECHNOLOGY



OLD RELIABILITY

J.W. Davis & Company 3030 Canton Street • P.O. Box 710219 • Dallas, Texas 75371-0219
Sales 800-527-5705 • Fax 800-388-9106 • Corp 214-651-7341 • Fax 214-939-0328 • www.jwd.com • jwd@jwd.com