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Industrial Speakers



Guardian Telecom is proud to be a supplier of the full line of DNH loudspeakers. Since 1946 DNH has been a leading manufacturer of one of the world's largest high quality range of loudspeakers for industrial and commercial applications. For off the shelf stock items to tailored products, contact a Guardian sales representative to discuss your specific project needs and the equipment that will meet your demands.

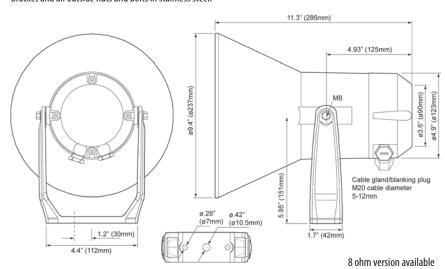


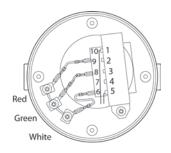
## **Horn Loudspeakers**

# **Plastic Horns**

## P-HP-30(T)

Bracket and all outside nuts and bolts in stainless steel.





70/100 volt combined transformer: Primary connections:

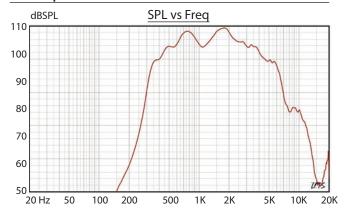
White : Green 70 V
White : Red 100 V
Secondary nominal tappings:

1:5 30.0 W 1:2 7.5 W 1:4 20.0 W 2:4 3.5 W 1:3 15.0 W 2:3 2.0 W

#### **Specifications**

Material / Color	Polyamide / RAL 7035
Mounting	Bracket
Termination	Internal screw connections
Weight w/transformer	4.7 lbs (2.1 kg)
IP-rating (UL Equivalent)	67
Max. / min. amb. temp	302°F / -58°F (150°C / -50°C)
Rated / max. power	30 W / 40 W
SPL 1W/1m	110 dB
SPL rated power	124 dB
Effective freq. range	310 - 8000 Hz
Dispersion (-6dB) 1kHz / 4kHz	115°/30°
Options	Impedance, color, label

#### Sound pressure levels 1W/1m sine wave



### **Installation, Operation and Maintenance Procedures**

- Unscrew lid (4 screws). Lead cable through cable gland and connect to screw terminal (100 V or 70 V)
- Tapp transformer to wanted power. Tighten cable gland to ensure IP-Grade
- Fasten lid with a torque of 2 3 Nm.
- Fasten bracket with 1-3 screws.
- To change the position of the loudspeaker adjust the bracket (by loosening / tightening the screws) as required.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Do not open loudspeaker when energized.
- This loudspeaker is supplied with a 2 year warranty against defective materials and workmanship.



The Manufacturer reserves the right to alter specifications without notice.

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