

GENT

by Honeywell

8.1: VIGILON VOICE ALARM SYSTEM

Weatherproof Speakers

Weatherproof Plastic Horns

This range of lightweight plastic weatherproof re-entrant horns has been designed for high quality sound re-enforcement. Offering clarity of speech and high efficiency these horns are suitable for communications or signal warnings.

Resistant to salt-laden air and non-corrosive, they are suitable for use indoors and out. They are ideal for marine and industrial applications as they are unaffected by most chemicals.

Weatherproof Sound Projectors

This range of weatherproof Sound Projectors offers a combination of style and performance. Manufactured from an ABS moulded compound with in-built UVL (ultra violet light) protection. The drive unit is a high quality, dual polypropylene cone.

Both units are supplied in the same stylish and compact enclosure, ideally suited for both speech and music reproduction. These units have the added advantage of being fully weatherproof and are ideal for use on railways, in car parks, shopping centres, sports grounds.



Weatherproof Plastic Horns

| TECHNICAL SPECIFICATIONS | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------------|------------------------------------|
| | 10W Weatherproof Horn | 20W Weatherproof Horn | 10W Weatherproof Projector | 20W Weatherproof Projector |
| Rated power, Watts | 10 | 20 | 10 | 20 |
| Transformer tapings 100 volt line, Watts | 10 /5 /2.5 /1.25 | 20/ 10 /5 /2.5 | 10/ 5/ 2.5/ 1.25 | 20/ 10/ 5/ 2.5 |
| Transformer Impedance , Ohms | 1K /2K /4K /8K | 500/ 1K /2K /4K | 1k/ 2k/ 4k/ 8k | 0.5k/ 1k/ 2k/ 4k c |
| 70.7 volt line, Watts | 5 /2.5 /1.25 /0.625 | 10/ 5 /2.5 /1.25 | 5/ 2.5/ 1.25/ 0.375 | 10/ 5/ 2.5/ 1.25 |
| Driver impedance, Ohms | 20 or 8 | 20 or 8 | 8 | 8 |
| Effective frequency range, Hz | 400 - 8,000 | 350 - 8,000 | 120 - 18,000 | 110 - 18,000 |
| S.P.L. ,@ 1m, 1watt, dB | 106 | 108 | 91 | 92 |
| S.P.L. ,@Full power/ 1m, dB | 116 | 121 | 102 | 105 |
| Dispersion at 1,000 Hz, Degrees | 160 | 140 | 160 | 165 |
| Directivity Q factor, 1k Hz | 2.37 | 2.90 | 2.37 | 2.28 |
| Dimensions front and depth, mm | f139 x 200 | F203 x 254 | f138 x 200 | f138 x 200 |
| Net weight, Kg | 1.30 | 1.90 | 1.55 | 1.90 |
| Colour / Finish | Cold grey | Cold grey | White | White |
| Material | ABS plastic housing | ABS plastic housing | Plastic & Stainless steel hardware | Plastic & Stainless steel hardware |
| Mounting | Stainless Steel U bracket & hardware | Stainless Steel U bracket & hardware | Aluminium U bracket | Aluminium U bracket |

ORDER CODES

10W Weatherproof Plastic Horn 13421-42-DC

20W Weatherproof Plastic Horn 13421-43-DC

10W Weatherproof Plastic Projector 13421-73-DC

20W Weatherproof Plastic Projector 13421-74-DC