

PH50HIFI

H I F I H O R N S P E A K E R



- WATERPROOF IP65
- INDOOR AND OUTDOOR APPLICATION
- 50W POWER @ 100V
- ABS CABINET
- OPTIMAL SOUND QUALITY
- EN54-24 COMPLIANCE

GENERAL:

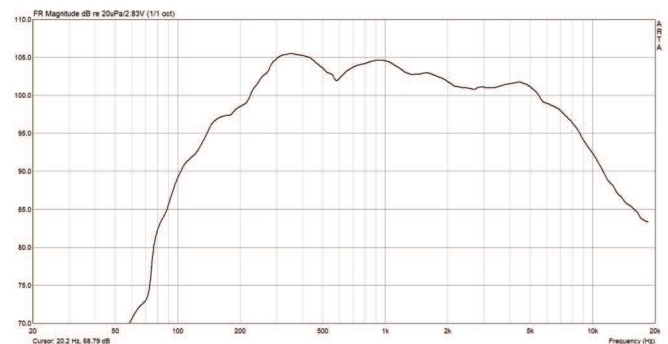
The horn speaker PH50HIFI has been conceived for hi quality sound due to its two ways system. It isn't afraid of most difficult environment situations, thanks to the water-proof construction.

It is provided with a 50cm cable length.

It could be easily mounted by its metal painted bracket.

It has three 100V power selection: 15/30/50W.

FREQUENCY RESPONSE:



FEATURES:

- Dimensions: 356 x 312 x 294 mm
- Weight: 3.9 kg
- Frequency response: 100 :11000 Hz
- Sensitivity(1W/1mt): 101 dB
- Sensitivity(200-10k Hz): 102 dB
- SPL max @50W: 117 dB
- SPL max @50W (200-10k Hz): 118 dB
- Nominal power 100V: 15/30/50 W
- Nominal Impedance: 659/332/187 Ohm
- Maximum power: 70Wrms @8 Ohm
- RNP: >= 100h
- Nominal voltage: 100V
- IP protection: 65
- Material: ABS

INSTALLATION & CONNECTION:

For the correct speaker installation, fix on wall the "C" shape bracket using the provided holes (d=7mm). Fix bracket screws at the lateral threaded holes. Connect audio cable from amplifier to the provided speaker cable. Connect common wire (0) to the blue speaker wire and power wire to one of the coloured wires.

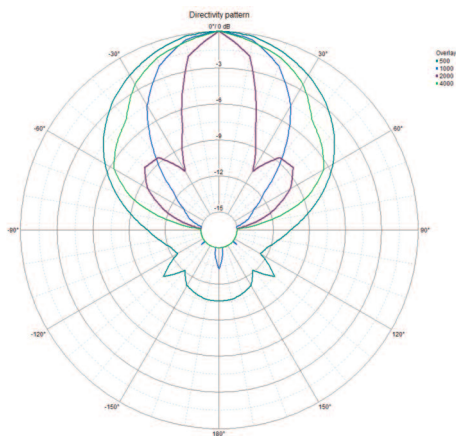
Green: 15W

Yellow: 30W

Red: 50W

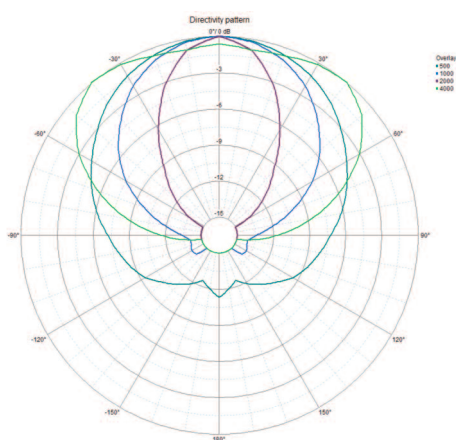
Unused wires must be insulated each one!

POLAR DIAGRAM (H):



PH50HIFIHORI

POLAR DIAGRAM (V):

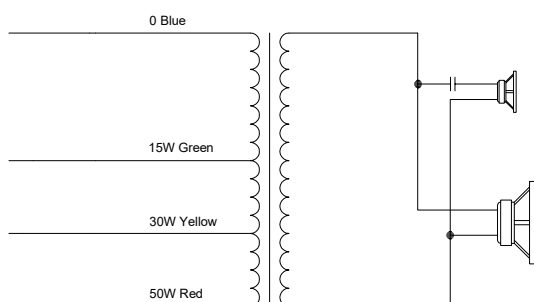


PH50HIFIVERT

COVER ANGLE (-6dB):

| | Horizontal | Vertical |
|--------|------------|----------|
| 500Hz | 124.9° | 155.5° |
| 1000Hz | 67.9° | 104.2° |
| 2000Hz | 34.3° | 57.3° |
| 4000Hz | 111.5° | 146.1° |

SCHEMATIC CIRCUIT:

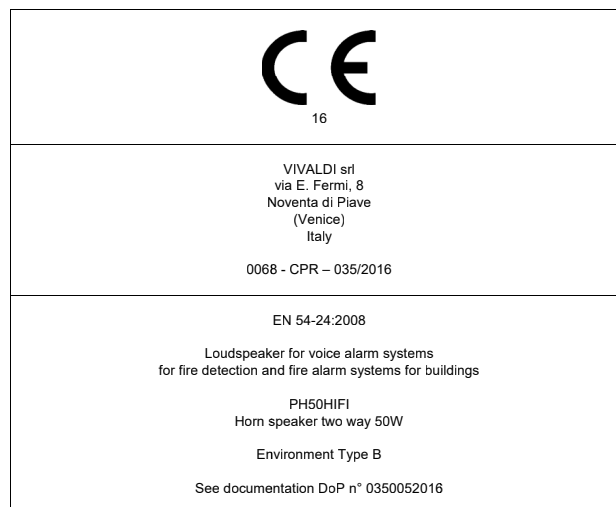
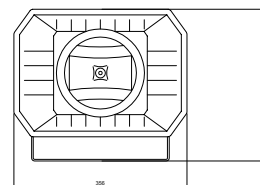
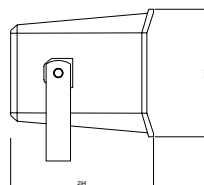


SOUND PRESSURE PER OCTAVE:

| | Oct. SPL 1W/1mt | Oct. SPL Pmax/1mt |
|--------|--------------------|----------------------|
| 250Hz | 92 | 108 |
| 500Hz | 99 | 116 |
| 1000Hz | 105 | 121 |
| 2000Hz | 104 | 120 |
| 4000Hz | 103 | 119 |
| 8000Hz | 97 | 114 |

Pink noise measures, all data in dB SPL value.

DIMENSIONS (mm):



SCHEMATIC CIRCUIT:

To download documentation and certificate scan QR code or go to vivaldigroup.it and search the product code.



This is a WEEE device, thus you must dispose it following the local law. Please think at the environment!

