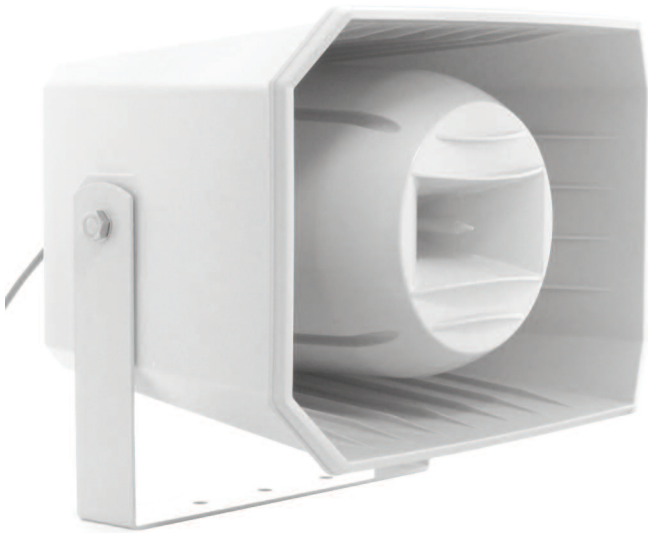


# PH50HIFI

# VIVALDI

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.

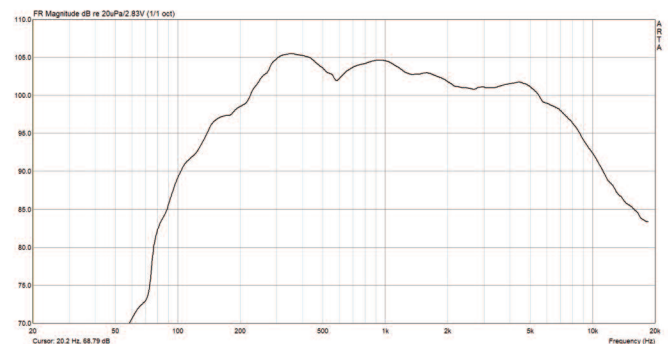
It could be easily mounted by its metal painted bracket.

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

## 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

## FREQUENCY RESPONSE:



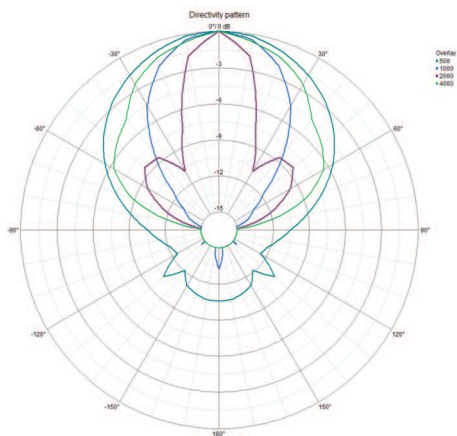
## INSTALLATION & CONNECTION:

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

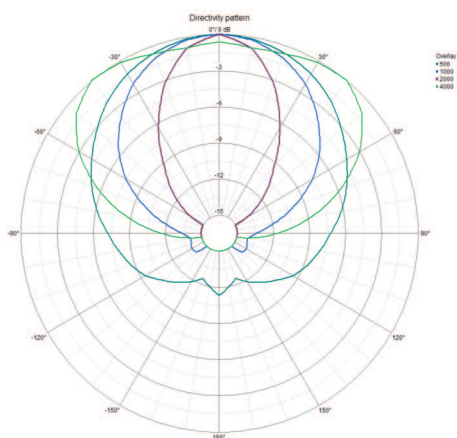
Unused wires must be insulated each one!

## POLAR DIAGRAM (H):



PH50HIFIHORI

## POLAR DIAGRAM (V):

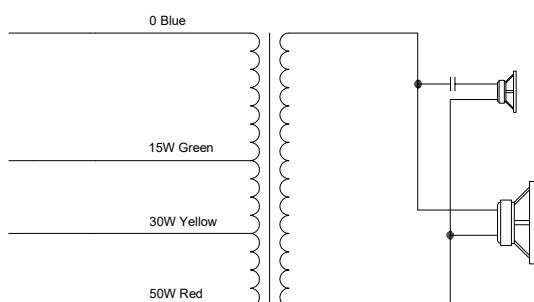


PH50HIFIVERT

## 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:

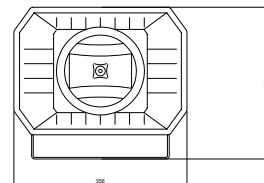
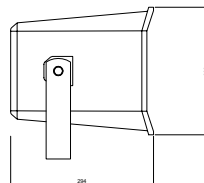



## SOUND PRESSURE PER OCTAVE:

	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):





16

VIVALDI srl  
via E. Fermi, 8  
Noventa di Piave  
(Venice)  
Italy

0068 - CPR - 035/2016

EN 54-24:2008

Loudspeaker for voice alarm systems  
for fire detection and fire alarm systems for buildings

PH50HIFI  
Horn speaker two way 50W

Environment Type B

See documentation DoP n° 0350052016

## SCHEMATIC CIRCUIT:

To download documentation and certificate scan QR code or go to [vivaldigroup.it](http://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!

