

# FLORA13T

T W O   W A Y S   O N   W A L L   S P E A K E R



- OPTIMAL SOUND QUALITY
- WHITE OR BLACK COLOUR
- 32W POWER @ 100V
- ABS CABINET
- EN54-24 COMPLIANCE

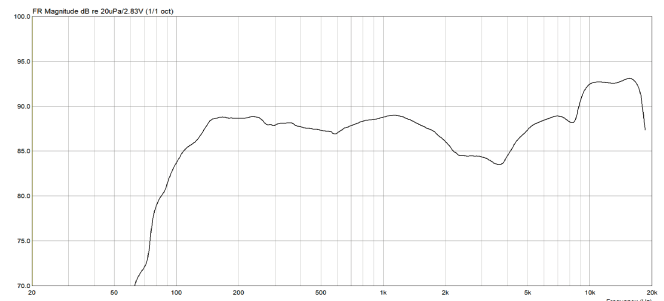
## GENERAL:

FLORA13T is a two ways on-wall loudspeaker. It has a 13cm woofer and a 1" titanium-sink tweeter unit. ABS cabinet provides an optimal bass response and titanium tweeter make brighter high frequencies. It can be used either in 100V mode or low impedance, by the selector on the back. It is equipped with an aluminum bracket and black or white colour is available. Thanks to its 56 IP protection factor it can be used in outdoor applications.

## FEATURES:

- Dimensions: 186x257x202 mm
- Weight: 2.4 kg
- Frequency response: 75 - 20000 Hz
- Sensitivity (PN 1W/1mt): 87 dB
- SPL max @32W: 102 dB
- Nominal power 100V: 2/4/8/16/32 W
- Impedance 100V (@ 1kHz): 5.3k/2.7k/1.3k/656/323 Ohm
- Nominal impedance: 8 Ohm
- Maximum power: 50W @ 8 Ohm
- RNP: >= 100h
- Nominal voltage: 100V
- IP protection: 56
- Material: ABS + aluminum

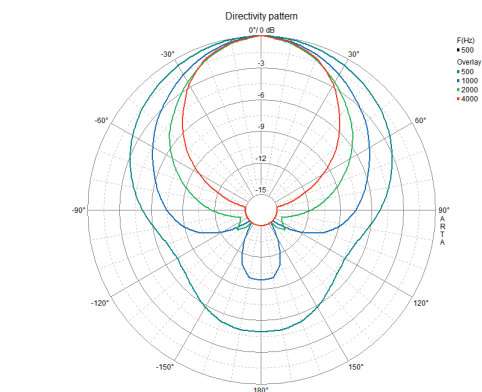
## FREQUENCY RESPONSE:



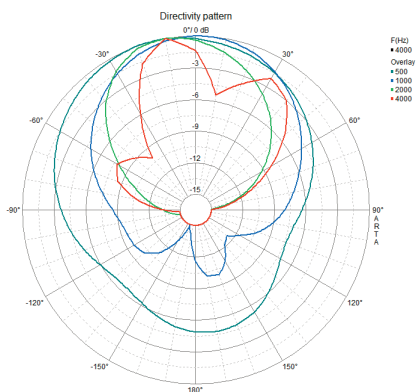
## INSTALLATION & CONNECTION:

For the correct speaker installation, fix on wall the bottom part of the plate using the provided holes. Place the metallic bracket into the housing and insert the top part of the plate. Place the speaker within the bracket and fix it with the provided special screws. Connect audio cable to the back screw terminals. Connect common wire (0) to the black terminal and power wire to the red one. Set the desired angle and tight the screws. Select mode of operation and desired power acting to the selector in the back. **Caution! Speaker is setted at low impedance mode by default!**

## POLAR DIAGRAMS (H-V):



FLORA13T - HORIZ



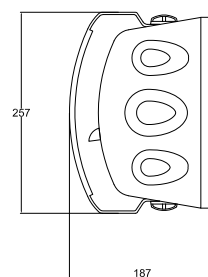
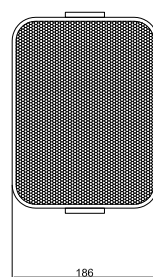
FLORA13T - VERT

## SOUND PRESSURE PER OCTAVE:

	Oct. SPL 1W/1mt	Oct. SPL Pmax/1mt
250Hz	82	96
500Hz	85	99
1000Hz	89	103
2000Hz	83	97
4000Hz	85	99
8000Hz	90	103

Pink noise measures, all data in dB SPL value.

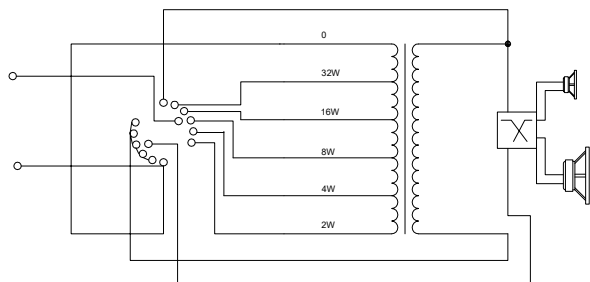
## DIMENSIONS (mm):




## COVERED ANGLE (-6dB):

	Horizontal	Vertical
500Hz	194°	170°
1000Hz	147°	137°
2000Hz	100°	98°
4000Hz	95°	90°

## SCHEMATIC CIRCUIT:





16

VIVALDI srl  
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EN 54-24:2008

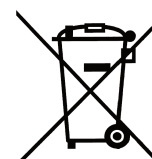
Loudspeaker for voice alarm systems  
for fire detection and fire alarm systems for buildings

FLORA13T  
Two ways on-wall loudspeaker 32W

Environment Type B

See documentation DoP n° 0350022016

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!

