

# AIR20T

2 0 W P E N D I N G S P E A K E R



- OPTIMAL SPEECH INTELLIGIBILITY
- EQUIPPED WITH REINFORCED CABLE
- 20W POWER @ 100V
- WHITE COLOUR
- EN54-24 COMPLIANCE

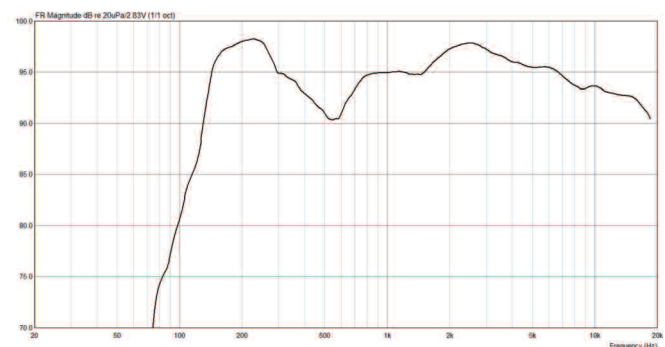
## GENERAL:

AIR20T speaker is the ideal solution for all environments where you can not install recessed ceiling speakers or where the ceiling is very high and for a correct sound distribution is necessary to use speakers with higher powers. AIR20T is equipped with a 13 cm large band bi-cone which guarantees a good response at all frequencies. The mono-coque body is made of robust construction ABS. The speaker is equipped with multipolar cable containing a steel cord for the fixing, clamp and snap hook. It has two selectable power: 10 and 20W.

## FEATURES:

- Dimensions: 177 x 247 mm
- Weight: 1.6 kg
- Frequency response: 110 - 20000 Hz
- Sensitivity(PN 1W/1mt): 95 dB
- SPL max @20W: 108 dB
- Nominal power 100V: 10 / 20 W
- Impedance 100V (@ 1kHz): 920 / 460 Ohm
- Nominal impedance: 8 Ohm
- Maximum power: 30 W
- RNP: >= 100h
- Nominal voltage: 100V
- IP protection: 33
- Material: ABS

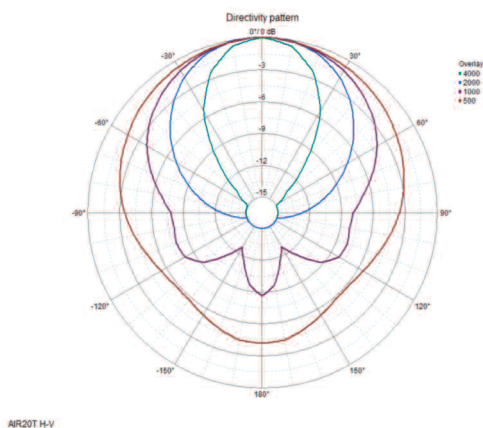
## FREQUENCY RESPONSE:



## INSTALLATION & CONNECTION:

Prepare an anchor, suitable for the weight of the speaker, equipped with eyelet. Plug the cable into the hole with outer minor diameter of the plastic plate, adjust the length of the cable to the desired height. Pass the cable into the other hole of smaller diameter, in such a way that the cable does not slide on the plate. Hang the hook to the bigger hole and fix it on the wall. Connect the cables to the audio line: connect the blue wire to the common 100V line and choose the power desired by connecting the appropriate wire to the power conductor. (Red = 20W, Yellow = 10W). Isolate the conductor not used! To ensure the speaker, attach the metal cord to an anchor.

**POLAR DIAGRAM (H-V):**

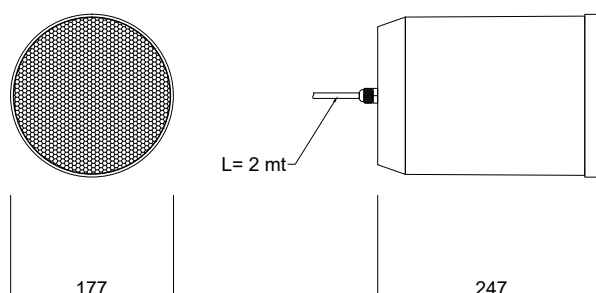


**SUOND PRESSURE PER OCTAVE:**

	Oct. SPL 1W/1mt	Oct. SPL Pmax/1mt
250Hz	94	105
500Hz	89	101
1000Hz	94	106
2000Hz	95	107
4000Hz	94	106
8000Hz	94	106

Pink noise measures, all data in dB SPL value.

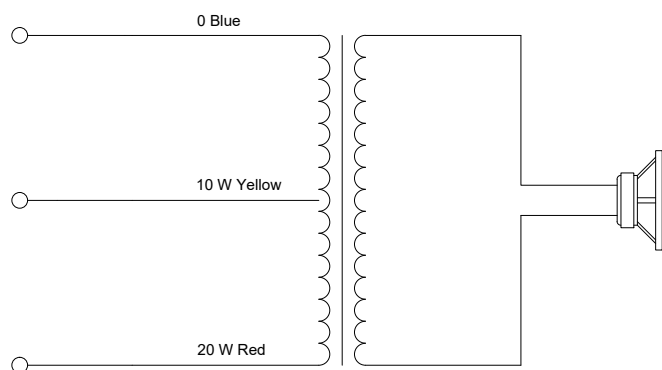
**DIMENSIONS (mm):**



**COVERED ANGLE (-6dB):**

	Horizontal	Vertical
500Hz	360°	360°
1000Hz	148°	148°
2000Hz	108°	108°
4000Hz	62°	62°

**SCHEMATIC CIRCUIT:**



**CE**  
17

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

0068 - CPR - 059/2017

EN 54-24:2008  
Loudspeaker for voice alarm systems  
for fire detection and fire alarm systems for buildings

AIR20T  
Pendant loudspeaker 20W  
Environment Type A

See documentation DoP n° 0590012017



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!

