

## Highlights:

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- Warm & true to nature sound
- Weatherproof - IP55 rating
- Countless mounting possibilities
- Diverse connections possibilities
- High grade aluminum construction
- 70V/100V transformer option available

## Product information:

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"A sound that lasts"

The VIRO is a powerful 2-way performance speaker which is designed for outdoor and indoor use, ensuring true-to-nature, high fidelity reproduction of music and speech in every environment, ranging from residential applications to the most demanding outdoor applications in parks, hotels and even clubs.

Crafted in high-grade aluminium with incredible attention to detail. The material choice goes well beyond aesthetics. It also provides superior acoustic properties thanks to its material stiffness and seamless surfaces that eliminate any distortion of your sound.

The aluminium construction and grill with hydrophobic cloth provides the necessary protection for all weather conditions. The combination of the cloth, sealing rubbers and drainage holes on the bottom of the speaker make it IP55 compliant (Successfully endured 720h salt spray test).

Exchange your connections easily. From cable glands with rubber grommets to optional SpeakON connections and even an optional 70/100V transformer (TRV106).

## Applications:

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- Bars & Restaurants
- Clubs



## Certification:

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## Properties:

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 Weatherproof

## Impedance:

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$\Omega$  8 Ohm  $\Omega$  16 Ohm

## Voltage:

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 70-100 Volt

## System specifications:

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Speaker type	Compact performance 2-way coaxial	
Peak power handling	240 W	
Program power handling	120 W	
RMS/AES power handling	60 W	
Impedance	8 $\Omega$ (VIRO5)	
	16 $\Omega$ (VIRO5D)	
Sensitivity (1W/1m)	89 dB	
Sound Pressure (Max. W/1m)	110 dB	
Frequency	Range (-10 dB)	50 Hz - 20 kHz
Dispersion	Conical	160° (average 500 Hz to 5 kHz @ -6 dB)
Drivers	HF	Soft dome treated silk 1"
	LF	5 1/4" Treated paper
Connectors	4-pin Euro Terminal Block	
Ingress Protection rating	IP55	
Outdoor resistance	720 hrs salt spray test	

## Product Features:

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Dimensions		198 x 235 x 191 mm (W x H x D) (Incl. bracket)
		180 x 180 x 191 mm (W x H x D) (Excl. bracket)
Mounting	Mounting pattern	40 x 70 mm mounting pattern (e.g. pole or ground pin fitting)
Mounting & handling	Stand fitting	3/8" stand fitting (microphone stand)
Construction		Textured powder coated aluminium 4 mm
Front finish		Aluminium grill with hydrophobic cloth
Colours		White (RAL9003) (VIRO5/W & VIRO5D/W)
		Black (RAL9005) (VIRO5/B & VIRO5D/B)
Weight		4.2 kg
Accessories	Included	Mounting bracket
	Optional	TRV106 70-100V transformer module
		CVS102 SpeakON connection plate
		MBK523/G Ground pin
		MBK530 Pole mount
		STG601 Steel drop safety wire (gripple)
		MBK465 Table stand

## Variants:

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- VIRO5/B - Black version - 8 $\Omega$
- VIRO5/W - White version - 8 $\Omega$
- VIRO5D/B - Black version - 16 $\Omega$
- VIRO5D/W - White version - 16 $\Omega$

## Architects' and Engineers' Specifications:

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The loudspeaker shall be a surface mount 2-way type, consisting of a coaxial 5 ¼" driver which is built in a powder coated aluminium enclosure. It must have a finely perforated front grill with acoustical foam and hydrophobic cloth. The speaker should be low impedance (8 or 16 Ohm). It must have a horizontal and vertical dispersion of 160°. It shall have diverse mounting positions thanks to the included 360° rotatable bracket.

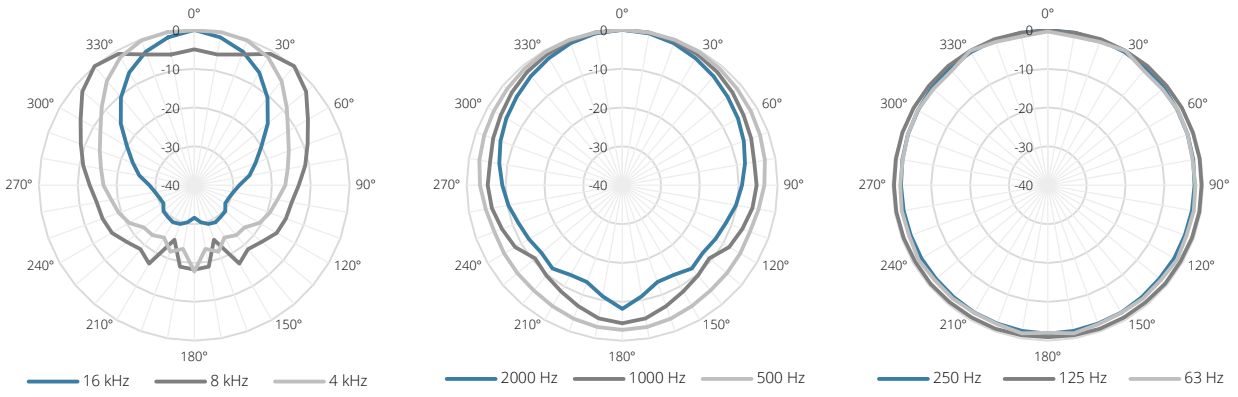
It shall have a program power handling of 120 Watt and a RMS power handling of 60 Watt with a maximum power handling of 240 Watt. The frequency response ( $\pm 3$  dB) shall range from 100 Hz to 20kHz while the frequency range (-10 dB) shall range from 70 Hz to 20 kHz. The sensitivity shall be 89 dB when measuring with an input signal of 1W at a distance of 1 meter, while the maximum continuous sound pressure level shall be 110 dB.

The loudspeaker shall have a IP rating of 55 thanks to the hydrophobic cloth behind the aluminium grill and two drainage holes at the bottom of the speaker. It must be standard equipped with a terminal block connector and waterproof grommets. The enclosure must be 180 mm wide, 180 mm high and 191 mm deep and the weight shall not exceed 4.2 Kg. A M6 drop safety bushing must be provided at the back of the device.

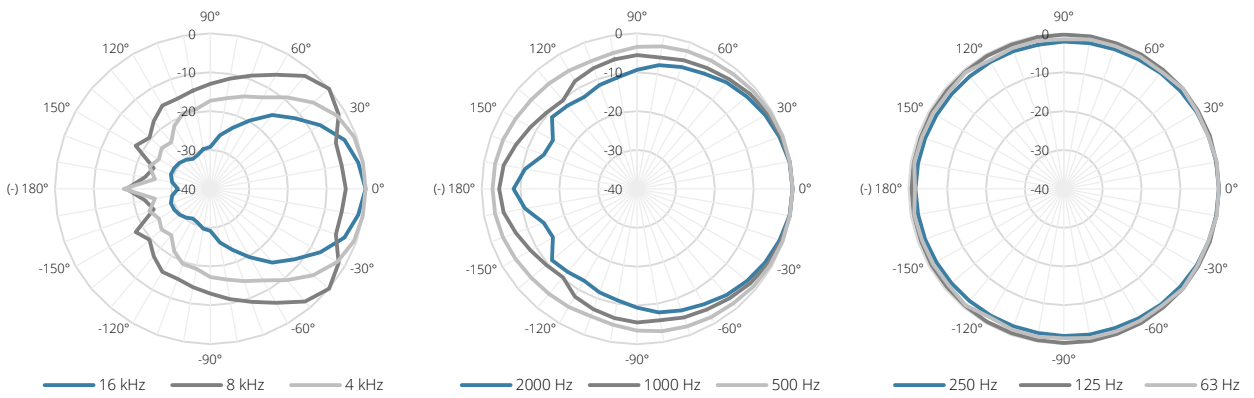
A 70 – 100V transformer, which must be integrated inside the cabinet, must be an optional accessory along with a SpeakON connection plate. More mounting possibilities must be optional with a 3/8" stand mount, ground pin and a pole mount.

# Acoustical data graphs:

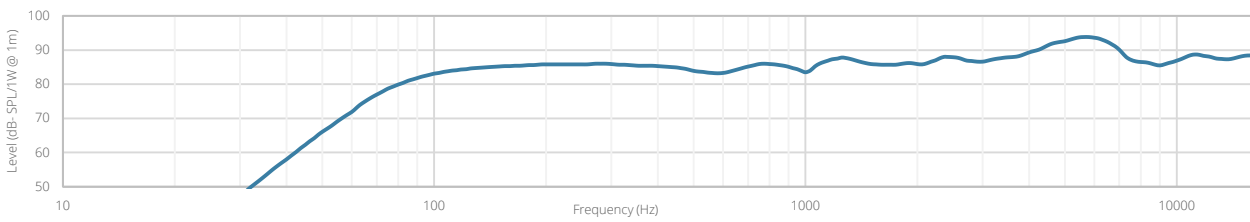
## Horizontal Polars:



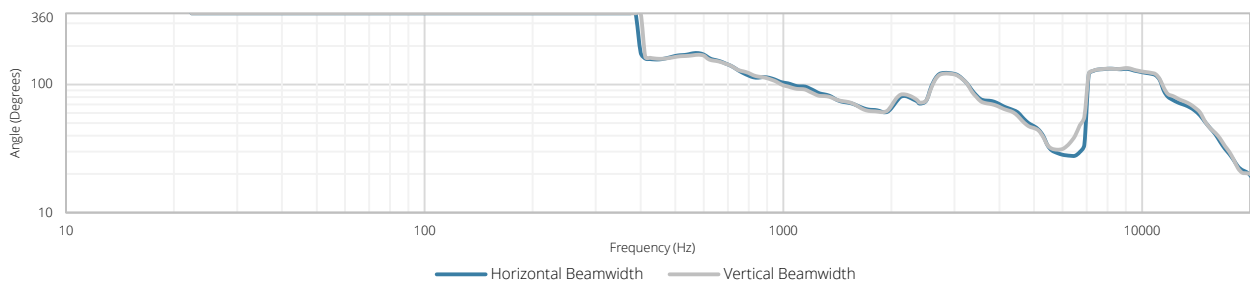
## Vertical Polars:



## Sensitivity:



## Beamwidth (-3dB):



## Directivity index:

