

Specifications

Frequency range (+/-12dB)	1—120 kHz
Impedance	4 Ohm
Sensitivity at 50 kHz	92 dB / 2.83 V / 1 m
Max continuous power handling	10 W (corresponds to a sine wave signal of 20 V _{pp})
Max output sound level in conjunction with UltraSoundGate Player (operated from 36V DC)	> 98 dB at 1 m distance
Effective cone area	7 cm ²
Electrical connection	4-pole Speakon connector
Housing	aluminium enclosure
Physical dimensions (W/H/D)	90 x 120 x 50 mm
Weight	300 g

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part #60108



**Ultrasonic Dynamic
Speaker Vifa**

User's Guide



Avisoft ULTRASOUNDGATE



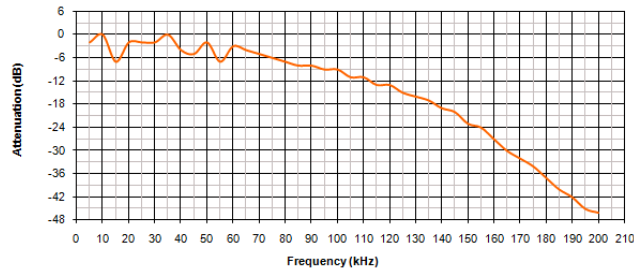
Introduction

Thank you for purchasing the Ultrasonic Dynamic Speaker Vifa.

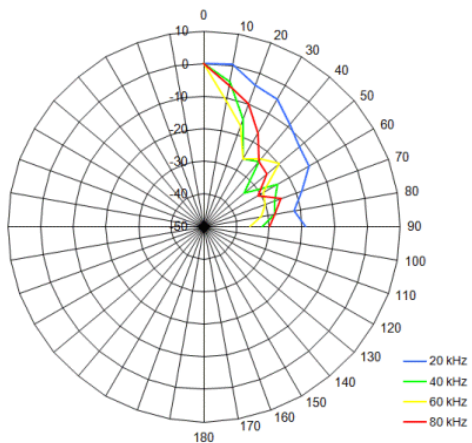
This device is intended for playing (ultra)sounds in the frequency range between 1 and 120 kHz. It can be used in combination with the UltraSoundGate Player 116 (#70111/70112), UltraSoundGate Player 216H (#70117/70118) and the Portable Ultrasonic Power Amplifier (#70101/70103).

Warning

This speaker is intended for playing animal sounds that exhibit a relatively low duty cycle. Playing continuous sine (or noise) signals at very high volumes may permanently damage the speaker due to overheating. The power limit for reproducing continuous signals is 10 W, which corresponds to a sine wave signal having a peak-to-peak amplitude of approximately 20 Vpp.



On-axis frequency response



Polar diagram

End-user Agreement

This is a legal agreement between Avisoft Bioacoustics and the buyer. By operating this device and the accompanying software, the buyer accepts the terms of this agreement.

1. The Device is warranted to perform substantially in accordance with the operating manual for a period of 24 months from the date of shipment.
2. EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY ABOVE, THE DEVICE IS PROVIDED WITH NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE VENDOR EXCLUDES ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
3. The Vendor's entire liability and the Buyer's exclusive remedy shall be, at the Vendor's SOLE DISCRETION, either (1) return of the device and refund of purchase price or (2) repair or replacement of the device.
4. THE VENDOR WILL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES HEREUNDER, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA OR INFORMATION OF ANY KIND, ARISING OUT OF THE USE OF OR INABILITY TO USE THE DEVICE IN NO EVENT SHALL THE VENDOR BE LIABLE FOR ANY AMOUNT IN EXCESS OF THE PURCHASE PRICE.
5. This agreement is the complete and exclusive agreement between the Vendor and the Buyer concerning the device.