

# LVVS .....

## LOW FREQUENCY VVS



### PRODUCT DATA

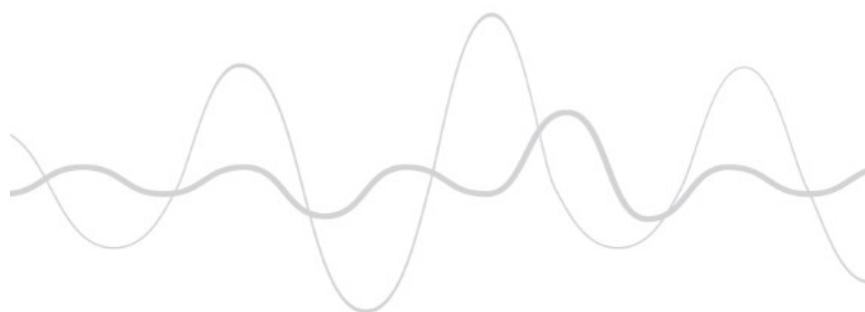
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Charting sound fields



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# LOW FREQUENCY VOLUME VELOCITY SOURCE

## DIRECT VOLUME VELOCITY MEASUREMENT

This omni-directional noise source is equipped with a Microflown particle velocity sensor on the tip of its nozzle, being the only source capable of directly measuring the radiated volume velocity for a broad frequency range with unparalleled accuracy.

The source is capable of generating high excitation levels in order to properly excite the sound field under study.

The Low Frequency Volume Velocity Source can be used for a wide range of applications like transfer path analysis, airborne source quantification, component vibroacoustic behavior characterization, airborne source quantification and pass by noise simulations.

## THE LVVS AT A GLANCE

- Covering a relevant and broad range of 30Hz - 500kHz
- High power output, maximum Sound Power Level of 122 dB
- Direct volume velocity measurement using an integrated particle velocity sensor
- Fast reciprocal transfer function acquisition
- Flat response and very low diffraction

# SPECIFICATIONS .....

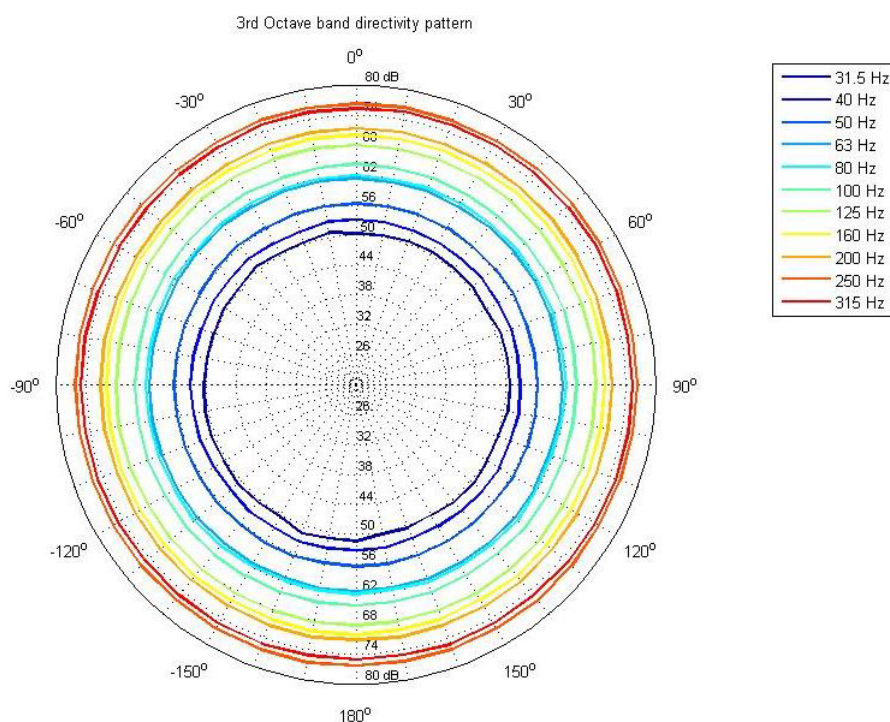
## PERFORMANCE

Parameter	Value	Unit
Frequency range	30 - 500	Hz
Sound power level	122	dB re 1 pW
Sound pressure level @1 m	111	dB re 20 uPa
Power RMS	200	W
Maximum input signal (RMS)	40	V

## PHYSICAL // LVVS

Parameter	Value	Unit
Sound source (body diameter ; height)	330 ; 445	mm
Tube inner diameter	150	mm
Weight	11.8	kg

## DIRECTIONALITY RESPONSE



# INCLUDED ITEMS

No.	Description	Quantity
1	Power cable	2
2	MFPA power adaptor	1
3	LVVS power adaptor	1
4	BNC cable	1
5	Amplifier	1
6	MFPA-1	1
7	Banana to BNC cable	1
8	2.5 meter LEMO cable	1
9	Low Frequency Volume Velocity Source	1