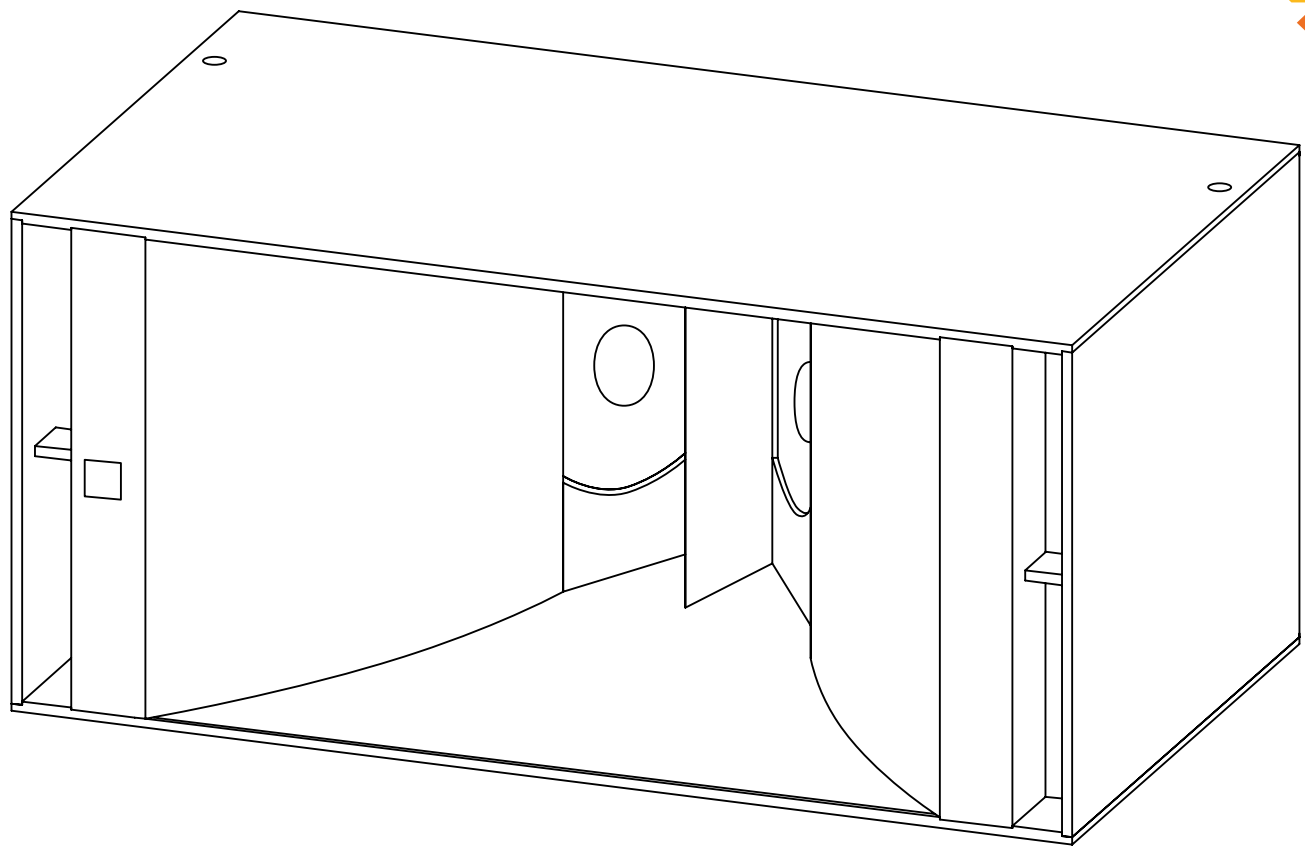


MODULE WOOFER **VDS215**

DATASHEET



97 w

For 102 dBA equivalent*

- < 150 W A +
- 150 à 300 W A
- 301 à 500 W B
- 501 à 1000 W C
- 1001 à 1500 W D
- >1500 W E

VDS215



EXPONENTIAL HORN



PROFILED EVENT



FULL-RANGE WOOFER



VERY HIGH EFFICIENCY



MEDIUM THROW

DOUBLE 15 INCH TRANSDUCER

High low frequency level - low consumption

DOWN TO 40 HZ

Low particle velocity port

EXTENDED RANGE

Up to 800 Hz

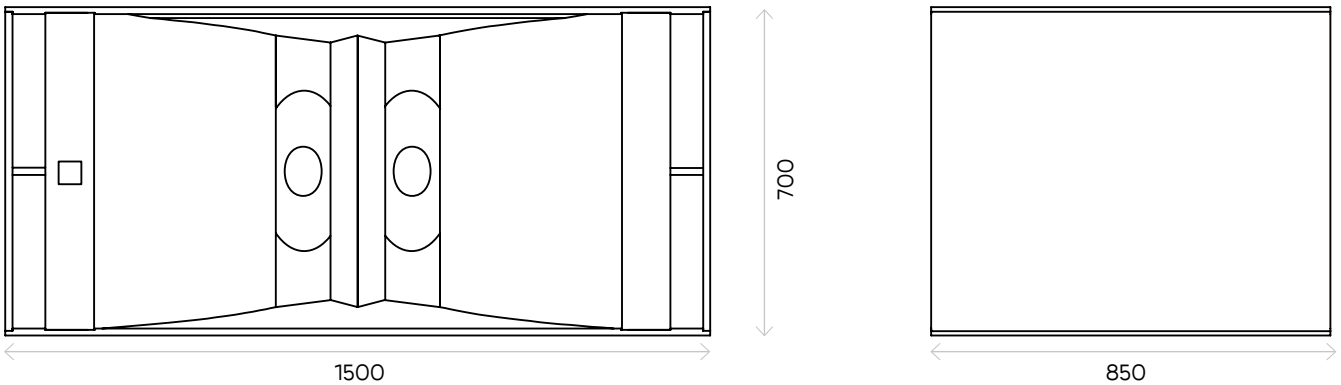
EXPONENTIAL HORN

Dynamic and precise reproduction

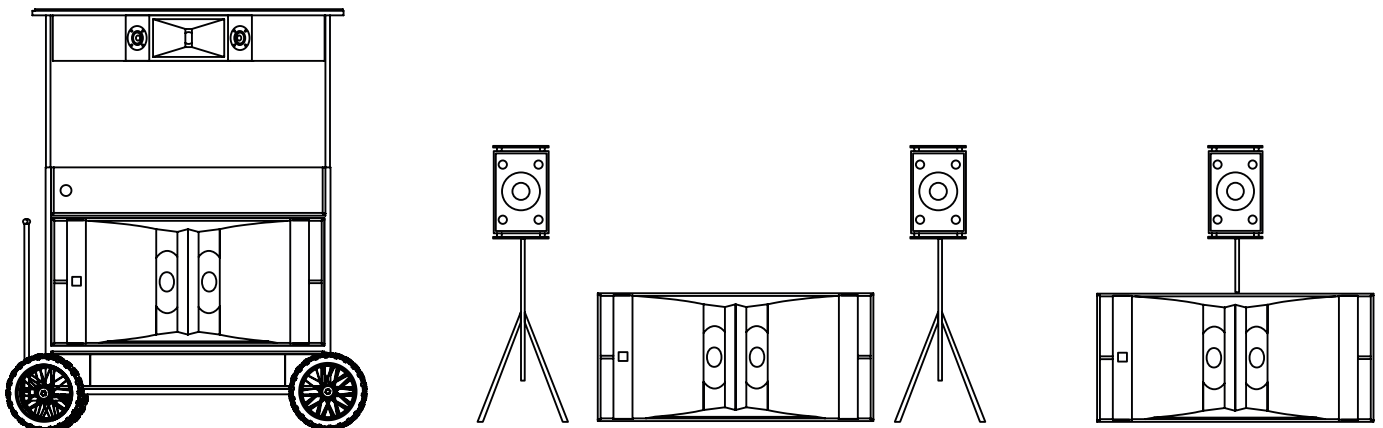
ACOUSTIC FEATURES

- Bass and midrange speaker
- Two Speakon 4-pin IN and OUT
- Reinforced birch plywood 15mm
- Textured semi-matte coating finish
- Monoblock handles / 35mm pole socket / Epoxy-coated steel grille / feet and counter-form

TYPE	Double full-range woofer with hybrid exponential horn + bass reflex with profiled vent
TRANSDUCERS	2x15" neodymium - 76 mm voice coil waterproof exponential fiberglass membrane
FREQUENCY RESPONSE	40-630 Hz (+/-3 dB)
CONTINUOUS POWER HANDLING	2000 W (nominal program power capacity + 3 dB)
ACOUSTIC EFFICIENCY	97 W (for 102dBA equivalent*)
SENSITIVITY	107 dB (at 1 W constant, 1 m) 105 dB (at 2 V constant, 1 m)
MAX SPL	138 dB SPL (@1 m, pink noise 6 dB crest factor)
IMPEDANCE	4 ohms
DIMENSIONS (LXPXH)mm	1500x850x700
WEIGHT	80 kg
MORE	M20 pole socket / Speakon 4-point IN & OUT / monoblock handles epoxy-coated steel grille / feet and counter-forms



COMPATIBILITY



BOOTH

SUB REINFORCEMENT

SATELLITE FULL RANGE

*The figure given represents the electrical power dissipated by the speaker to generate over its bandwidth a sound level equivalent to 102 dBA with a pink noise input. For calculation purposes, the speaker is considered being part of an equalized system with absolutely flat response from 20 Hz to 20 kHz.

The calculation method is linear and does not take into account high power non-linear phenomena. Calculation details are available in the paper *Quantifying Loudspeakers' Power Consumption*, published in the AES journal (July/August 2022, Vol 70 no 7/8).



PASSIVE SPEAKERS



*The figure given represents the electrical power dissipated by the speaker to generate over its bandwidth a sound level equivalent to 102 dBA with a pink noise input. For calculation purposes, the speaker is considered being part of an equalized system with absolutely flat response from 20 Hz to 20 kHz.

The calculation method is linear and does not take into account high power non-linear phenomena. Calculation details are available in the paper *Quantifying Loudspeakers' Power Consumption*, published in the AES journal (July/August 2022, Vol 70 no 7/8).