

Waveburg
CUSTOM ACOUSTIC DESIGN **PRO**®
By syncrotek



LA8
HIGH-OUTPUT
COMPACT LINE
ARRAY SYSTEM

www.waveburg.com





LA8

HIGH-OUTPUT / COMPACT
LINE ARRAY SYSTEM

Features

- Patented high-frequency wooden waveguide
- Wide High frequency 120° dispersion optimized for use in wide areas
- Pure Titanium HF compression driver with Neodymium magnet
- High efficiency, long excursion with flat response 8-inch Midbass drivers
- Extremely high output to size and weight ratio
- Proprietary flying ware, adjustable and modular
- 2 Optional System Impedance, 16Ω or 4Ω (Specifying upon order)
- Bi-amp configurations

Applications

- Touring
- Theatre and Opera
- Concert hall
- House of worship
- Multi-purpose hall
- Large Club

Specification

System Configuration: Bi-amp Mid-High unit

Components: MB/LF: 2 x 8-inch high output Mid-bass driver

HF: 2 x 1-1/3 inch voice coil, 1 inch exit Driver on Wooden hand-made Waveguide Horn

Frequency Response: (+/- 3dB) 85Hz -20KHz (-10dB) 65Hz -21KHz

Sensitivity SPL (@ 1W - @1m) : LM: 98dB HF: 110dB

Impedance: MB: 16Ω HF: 16 Ω

Power Rating (LF / HF): Continuous (2): 400 W / 60 W

Program (3): 800 W / 120 W

Peak (4): 1600 W / 240 W

Calculated Maximum Sensitivity (LF / HF): Continuous 124 dB / 128 dB

Program: 127 dB / 131 dB

Peak: 130 dB / 134 dB

Coverage Angle: Horizontal 120° Vertical 10°

Construction info

Enclosure: Multil-layer Birch Plywood Constructed

Finishing: Cabinet: Black Texture

Mounting Hardware: Full flying hardware & removable pins

Connectors: 2 x SpeakOn NL4 1+/1- (MB+/MB-), 2+/2- (HF+/HF-)

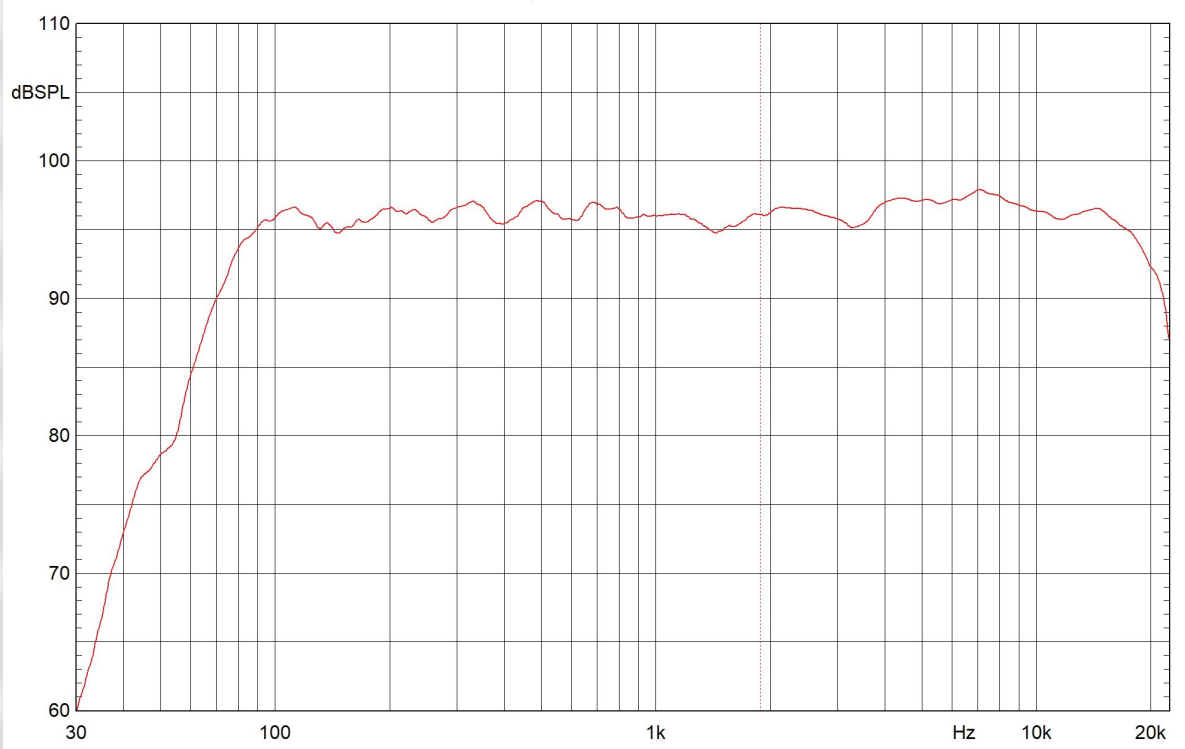
Protective Grille: 15 Gauge perforated steel

Dimensions: 254mm(H) x 814mm(W) x 370mm(D)

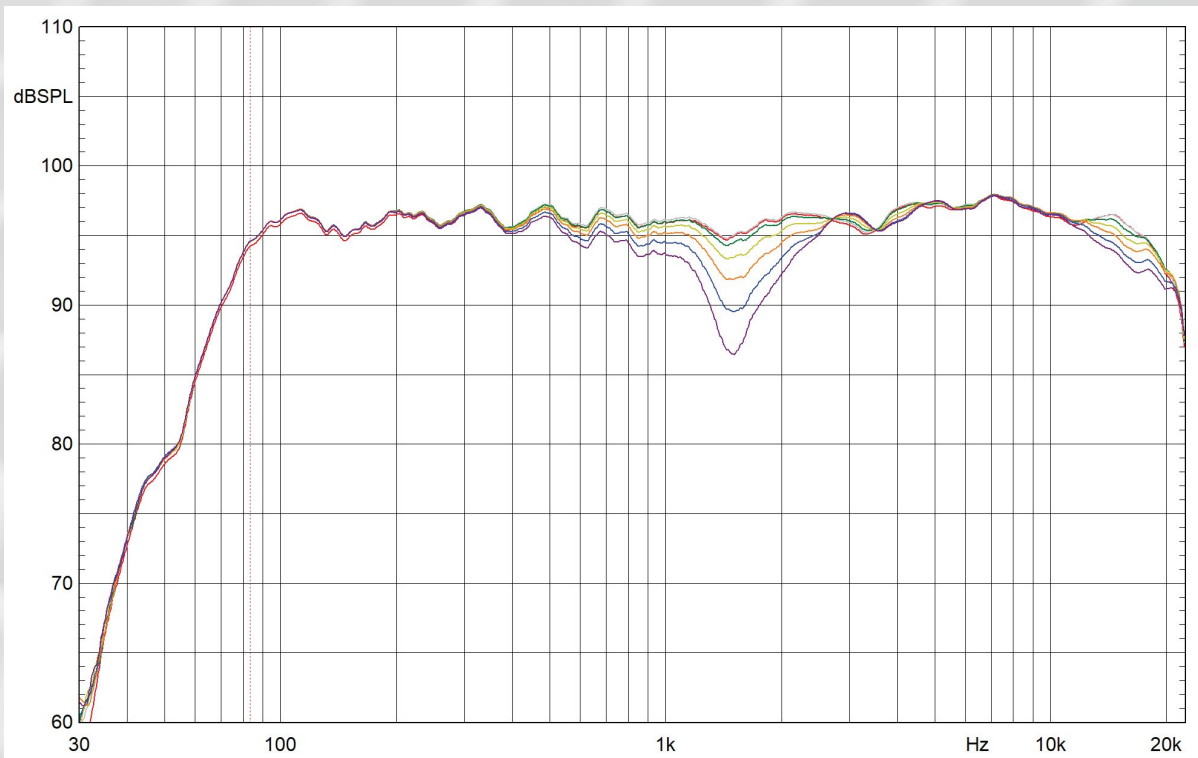
Net Weight: 25kgs (55lbs)

Packing: Flightcase for two units

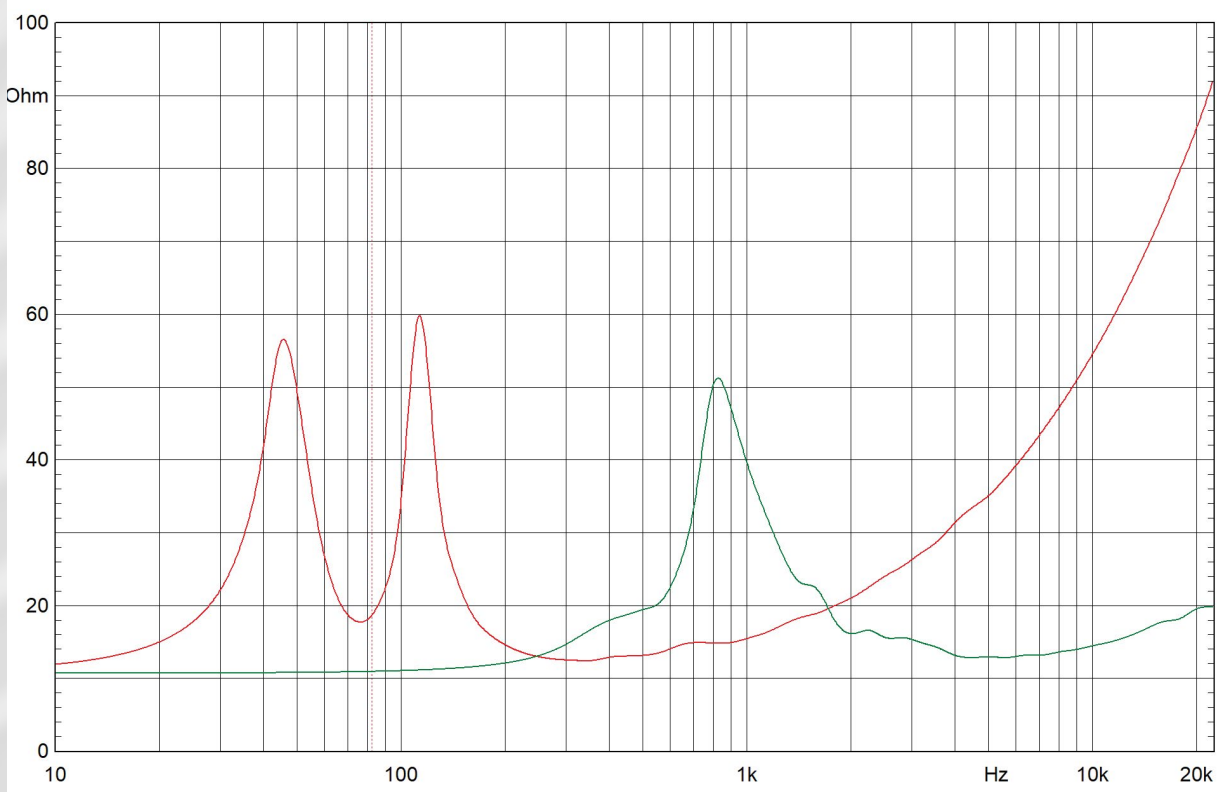
LA8 SPL ON AXIS RESPONSE



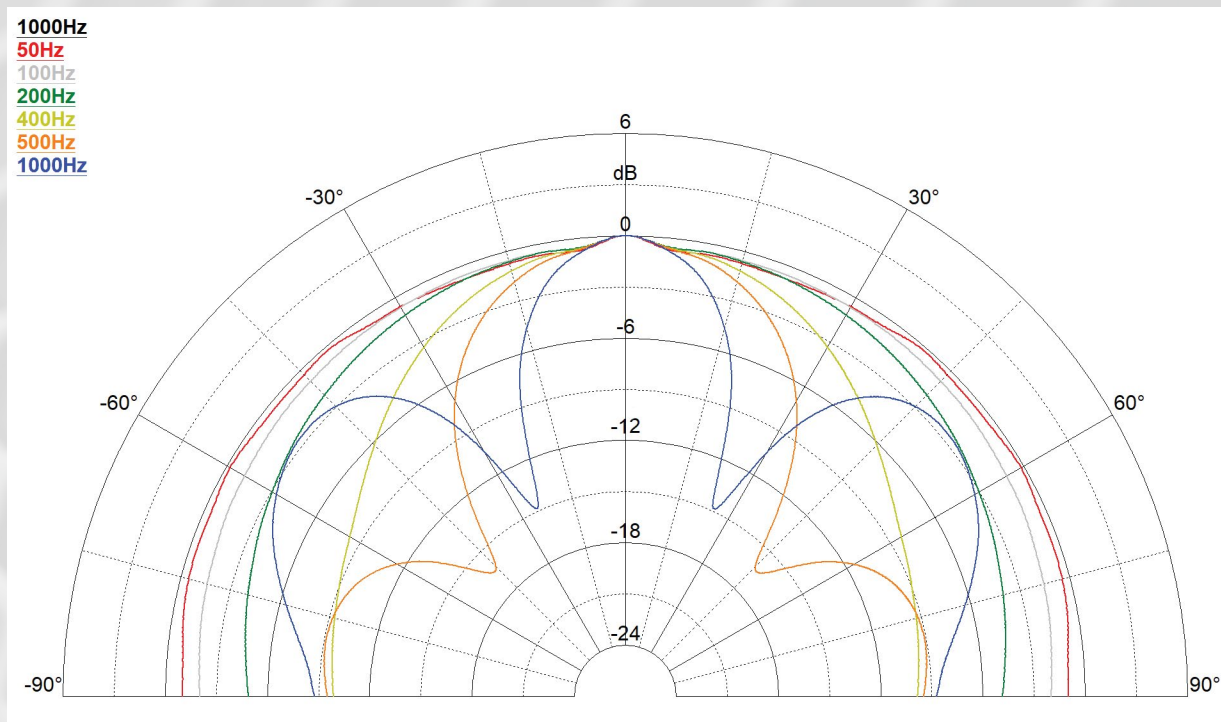
LA8 SPL OFF AXIS RESPONSE



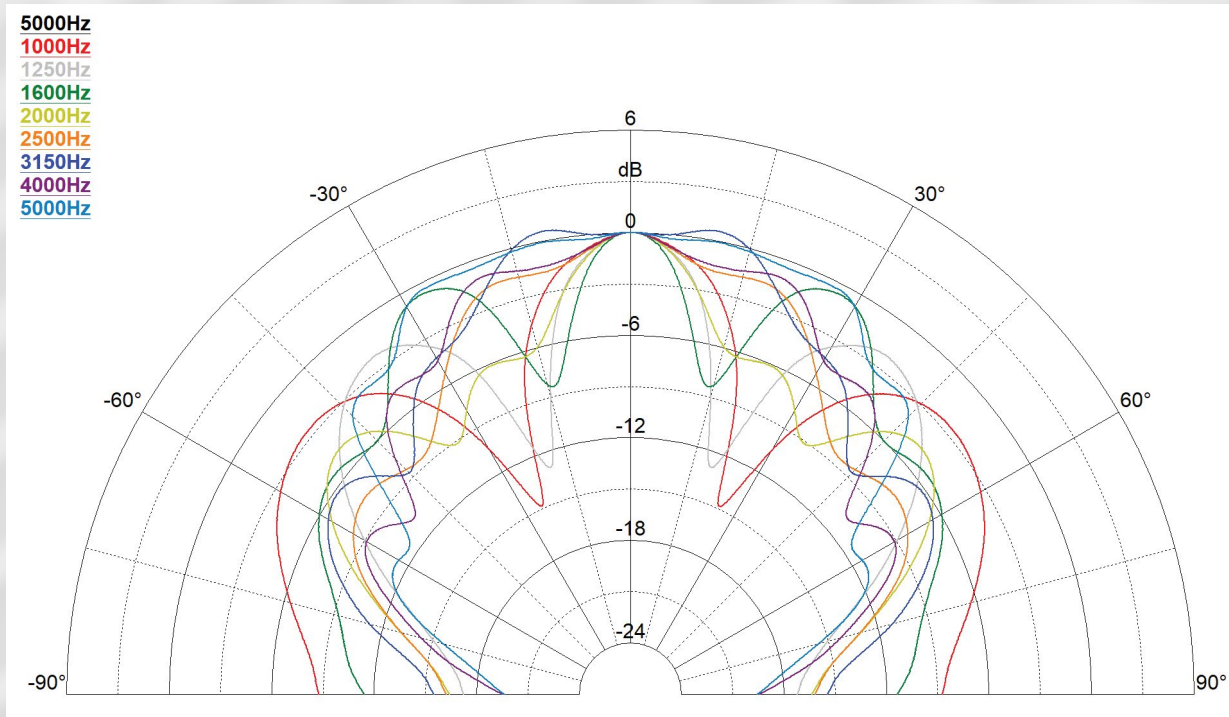
LA8 IMPEDANCE



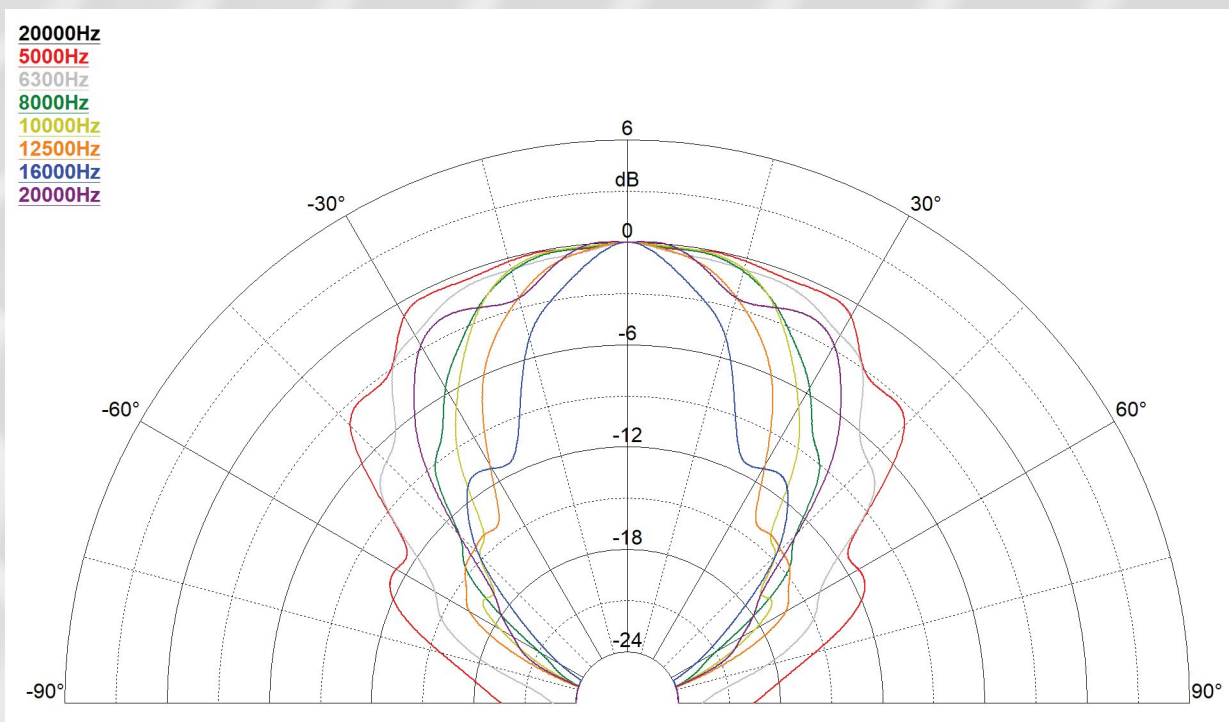
50HZ-1KHZ POLAR RESPONSE



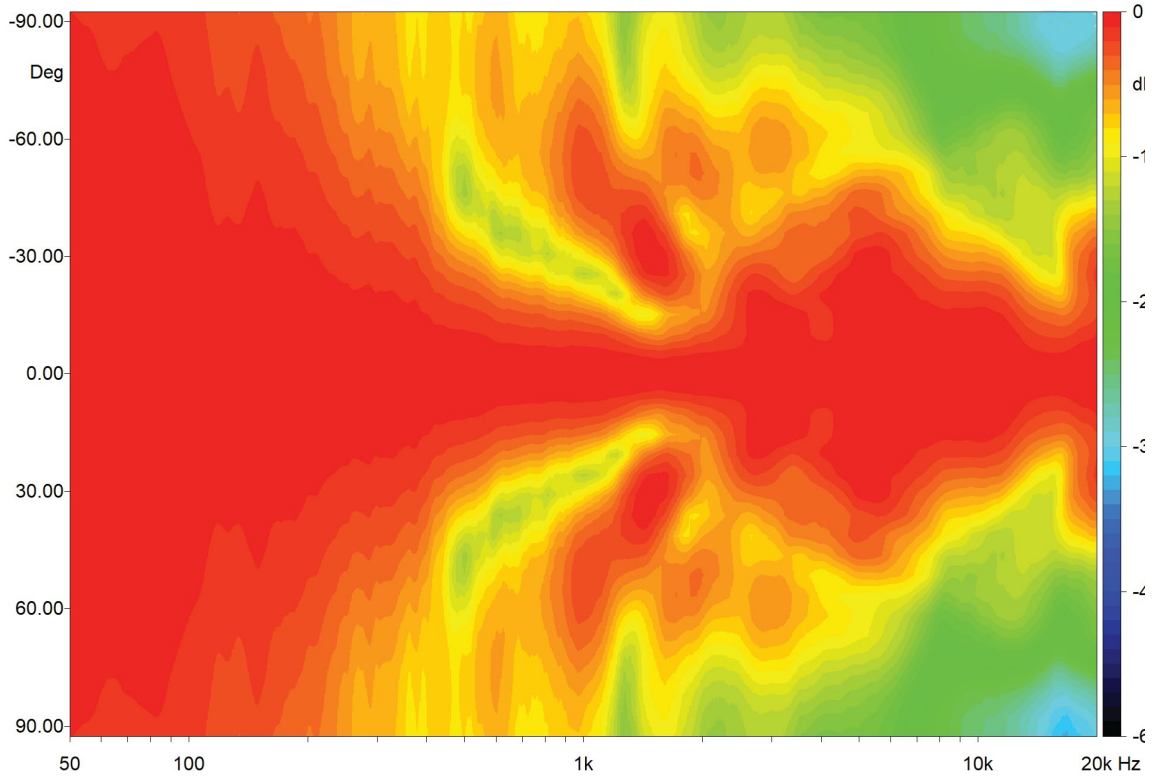
1KHZ-5KHZ HORIZONTAL POLAR RESPONSE



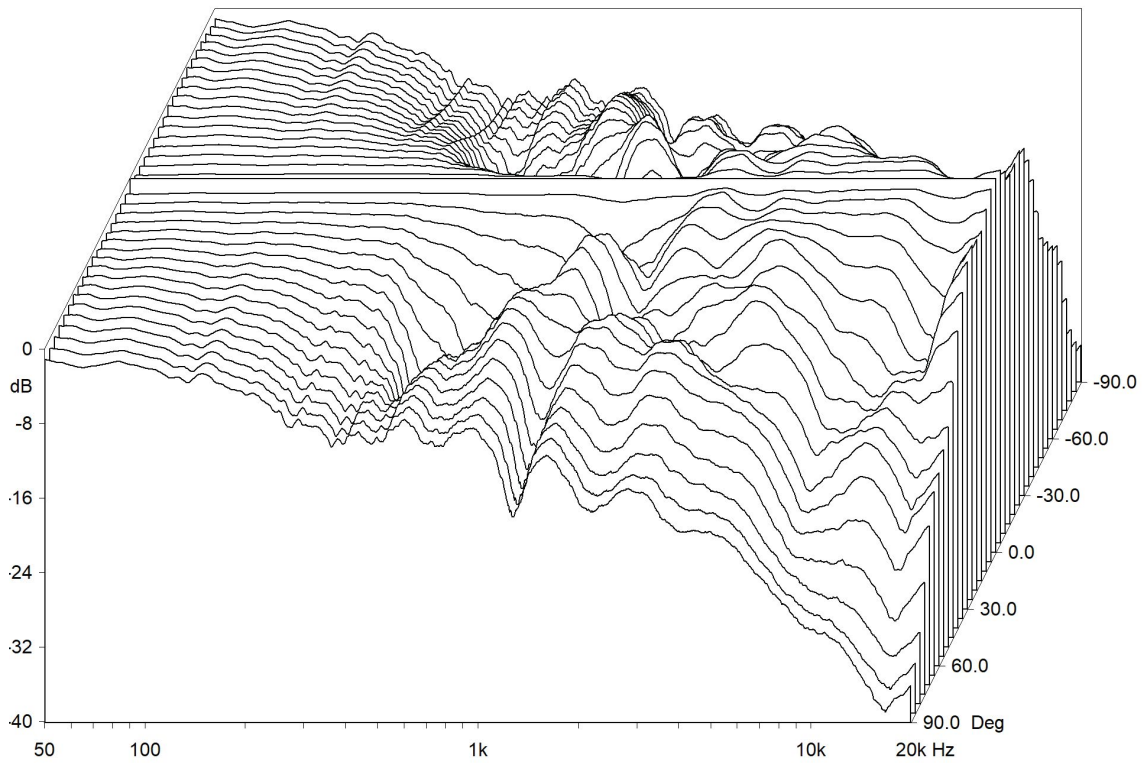
5KHZ-20KHZ POLAR RESPONSE



ENERGY BEAM WIDTH



LA8 WATERFALL



**THIS IS HOW
MUSIC SHOULD**

SOUND

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