

18HTX100 8 Ω

- 100 dB (LF), 110 dB (MF/HF - DCX464) sensitivity
- 1600 W continuous program power capacity
- 60°x40° nominal coverage
- 44 - 18000 Hz response
- FEA optimized horn flare for improved acoustic loading and controlled coverage
- Double silicone spider with optimized compliance
- Aluminium demodulating ring for very low distortion

Point Source, Perfected. We didn't invent the triaxial, but we did perfect it. Combining a high-power, wide bandwidth 18" woofer with our most powerful compression driver creates clarity and impact at any distance. Inherently time aligned, easy to integrate using our FB464V2 passive crossover for the mid/high, and clean off axis response thanks to our new 600Hz horn. What more could you hope for?



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GENERAL

Nominal Diameter	460 mm (18 in)
Frequency Range	44 Hz - 18000 Hz
Dispersion Angle	60 °
Included by -6 dB down points.	

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	44 Hz
Re	5.4 Ω
Qes	0.34
Qms	6.3
Qts	0.32
Vas	173 dm³ (6.11 ft³)
Sd	1210 cm² (187.55 in²)
η0	4.3 %
Xvar	13 mm
Mms	158.5 g
Bl	26.3 Tm
Le	1.16 mH
EBP	129 Hz

SPECIFICATIONS LF UNIT

Nominal Impedance	8 Ω
Minimum Impedance	6.6 Ω
Nominal Power Handling	800 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	1600 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	100 dB
Applied RMS Voltage is set to 2.83V	
Frequency Range	44 Hz - 800 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	25.1 mm (1 in)
Magnetic Gap Depth	10.2 mm (0.4 in)
Flux Density	1.5 T
Woofer Cone Treatment	TWP Waterproof Both Sides

SPECIFICATIONS MF UNIT

Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Nominal Power Handling	110 W
2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance.	
Continuous Power Handling	220 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	110 dB
Applied RMS Voltage is set to 2.83V	
Frequency Range	0.5 kHz - 5.5 kHz
Recommended Crossover	0.6 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	100 mm (4 in)
Winding Material	Aluminium
Inductance	0.21 mH
Flux Density	1.9 T
Diaphragm Material	HT Polymer Ring

SPECIFICATIONS HF UNIT

Nominal Impedance	8 Ω
Minimum Impedance	9 Ω
Nominal Power Handling	80 W
2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance.	
Continuous Power Handling	160 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	110 dB
Applied RMS Voltage is set to 2.83V	
Frequency Range	3.5 kHz - 18 kHz
Recommended Crossover	4 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	65 mm (2.5 in)
Winding Material	Aluminium
Inductance	0.1 mH
Flux Density	2.14 T
Diaphragm Material	HT Polymer Ring

18HTX100 8 Ω**DESIGN**

Magnet Material	Neodymium Ring
Woofer Cone Treatment	TWP Waterproof Both Sides

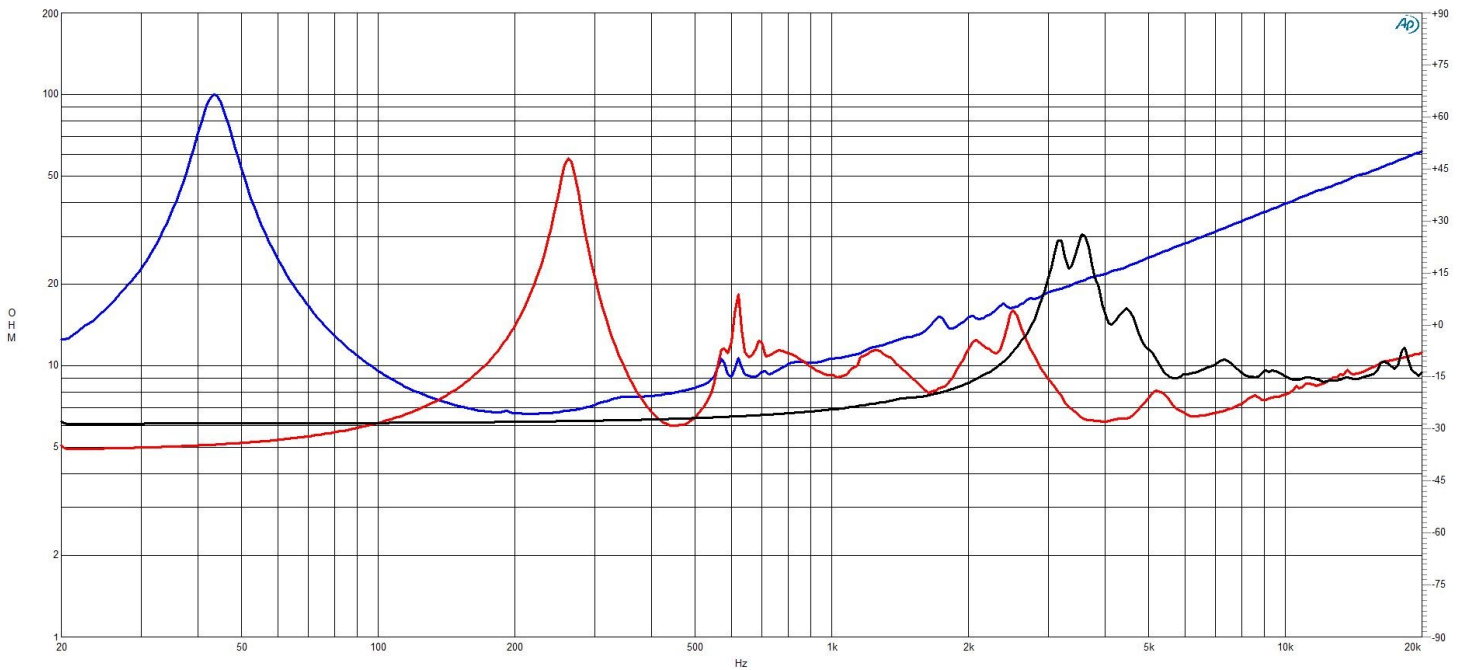
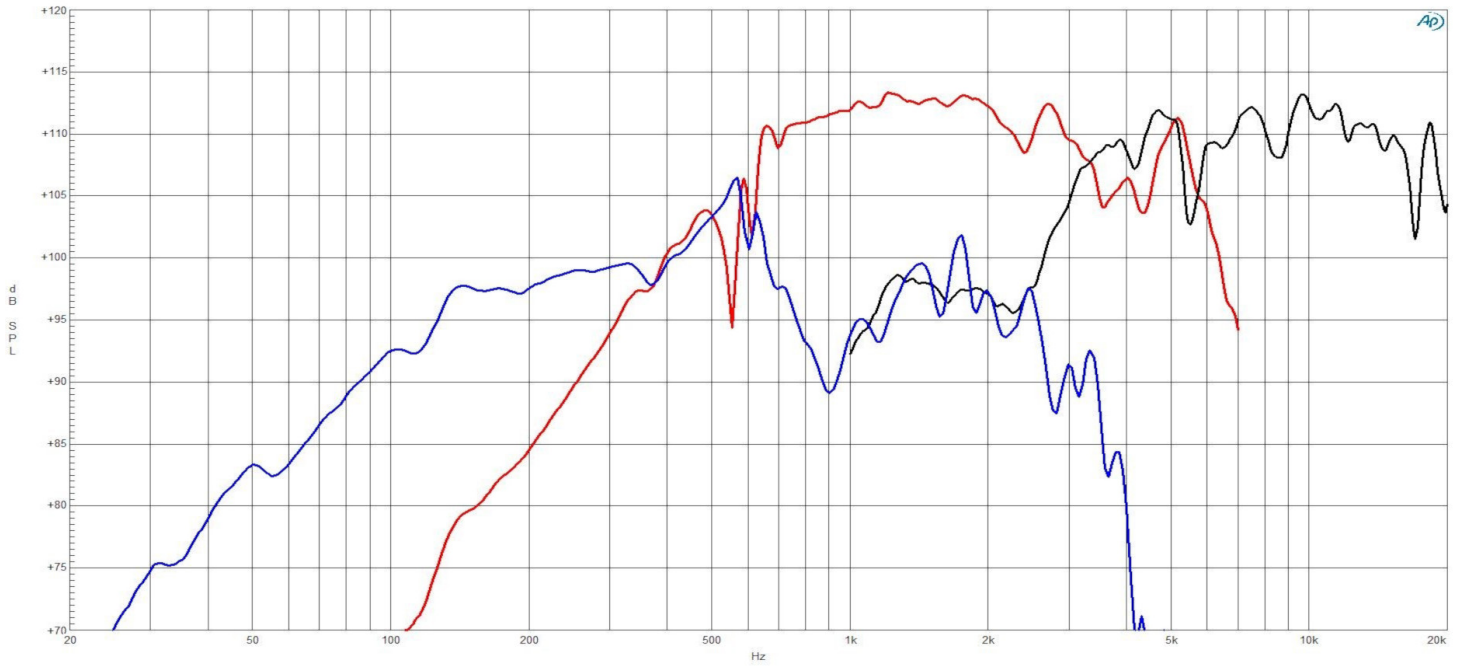
MOUNTING AND SHIPPING INFO

Overall Diameter	460 mm (18.11 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	423 mm (16.65 in)
Depth	299 mm (11.77 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Net Weight	12.65 kg (27.89 lb)
Shipping Units	1 pcs
Shipping Weight	14.55 kg (32.08 lb)
Shipping Box	570x570x340 mm (22.44x22.44x13.39 in)

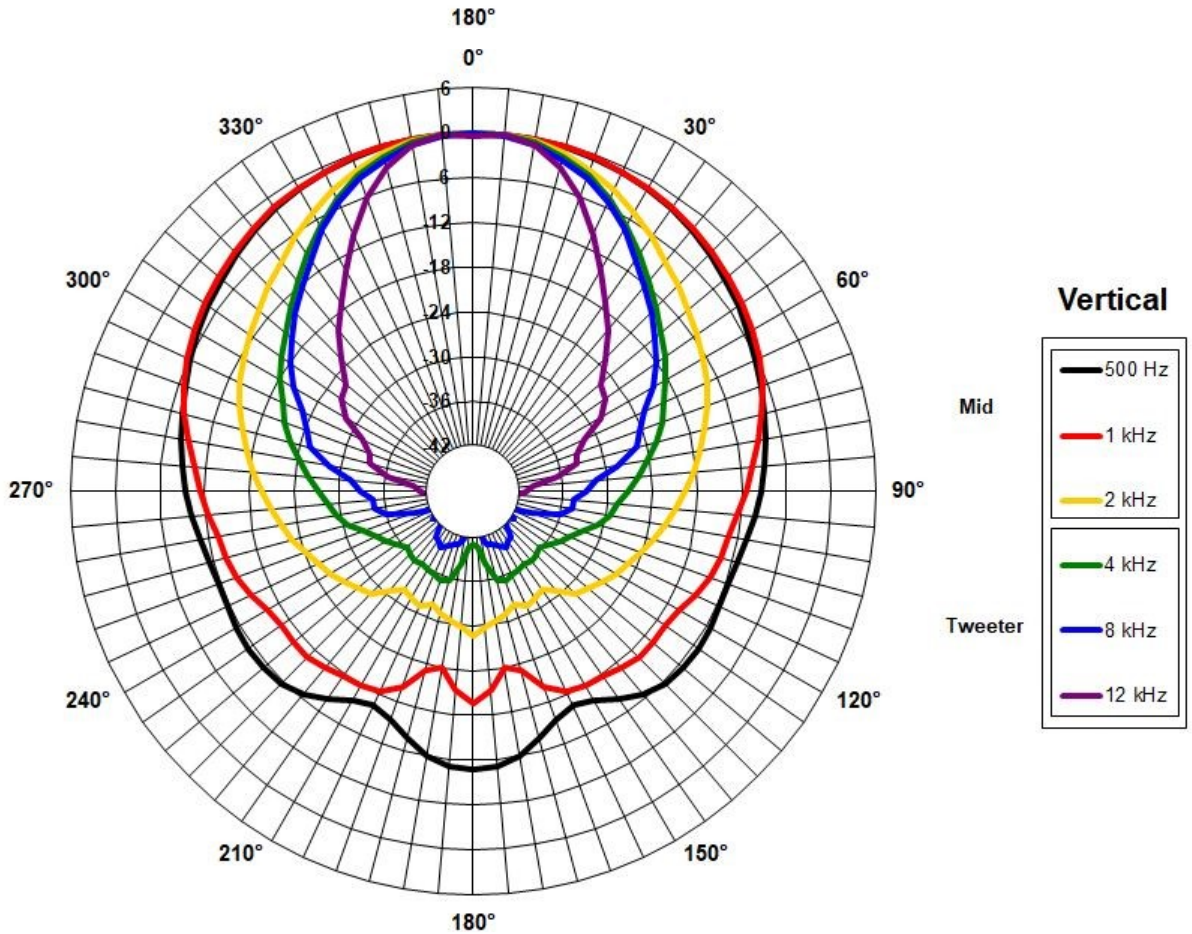
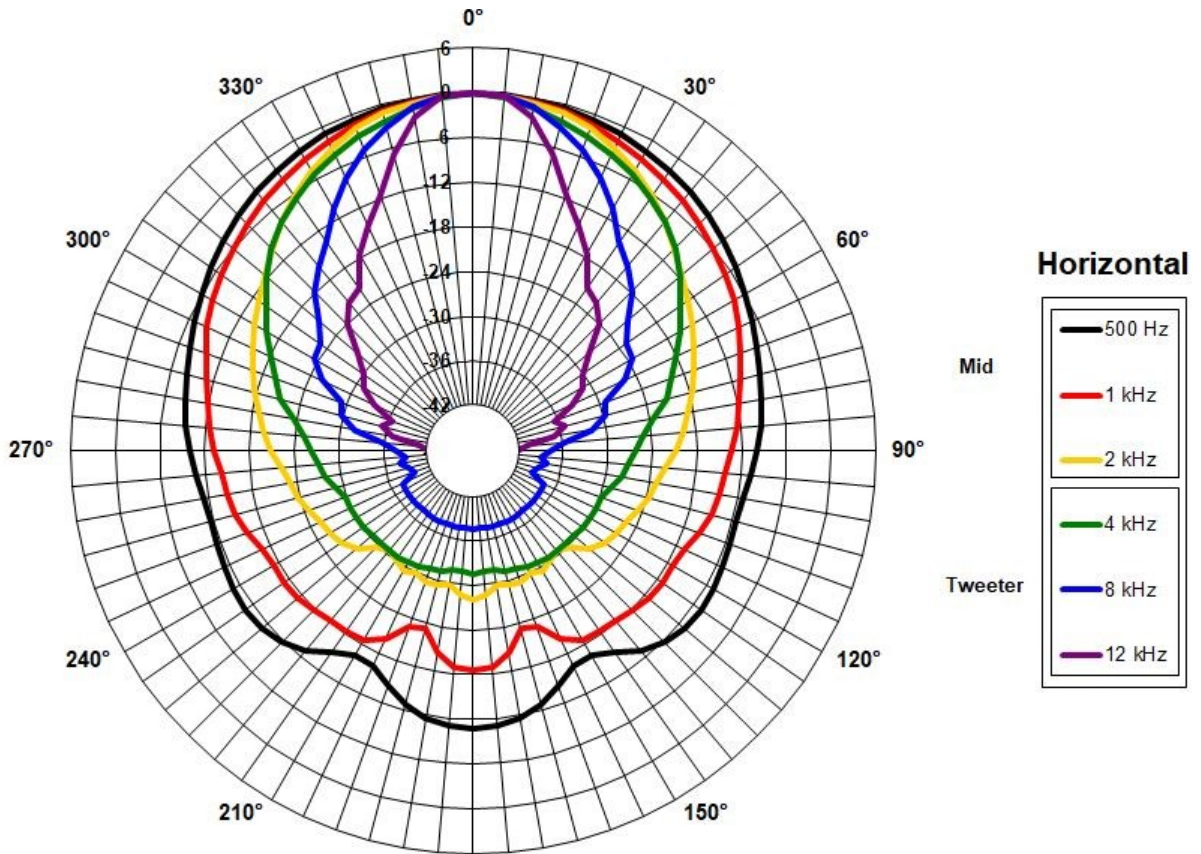
SERVICE KITS

HF replacement-diaphragm	MMDDCX464HF8
LF recone-kits	RCK18HTX1008
MF replacement-diaphragm	MMDDCX464MF8

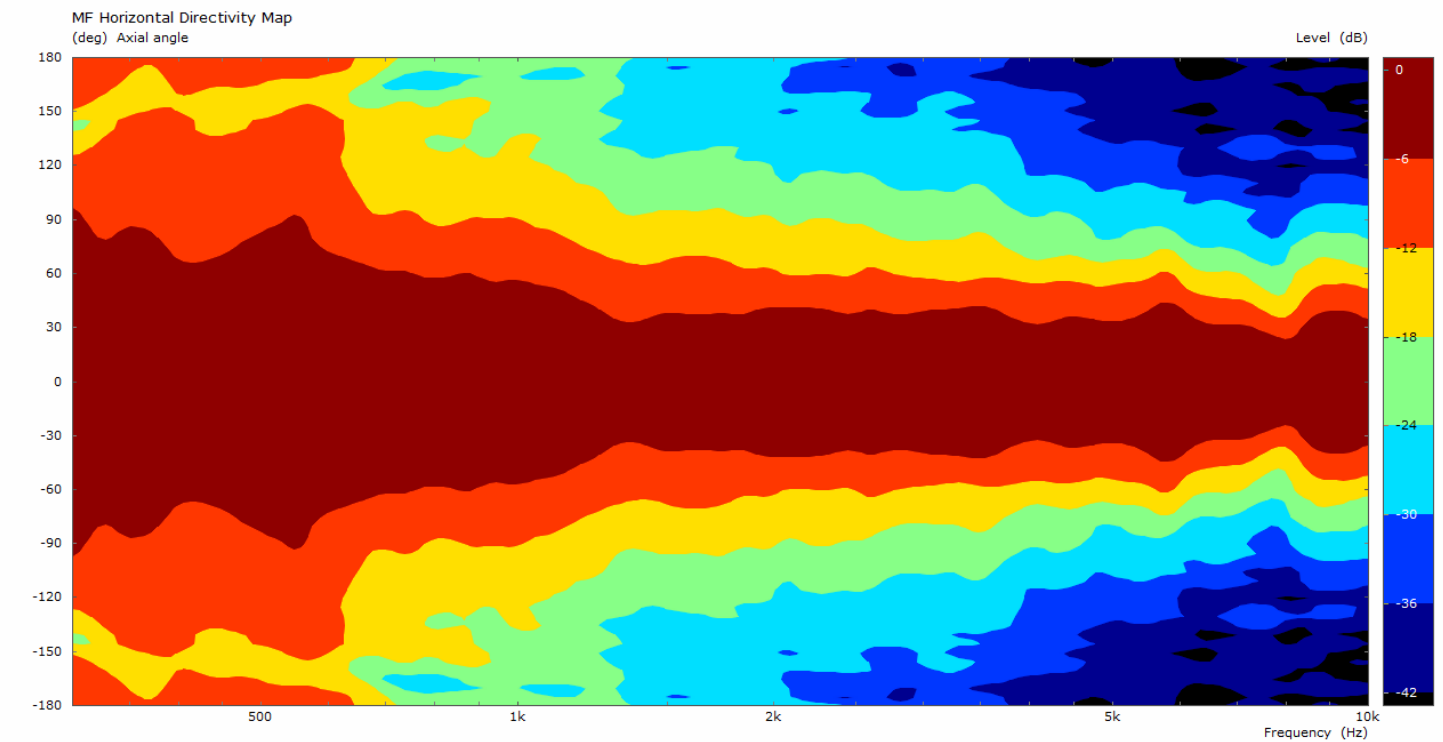
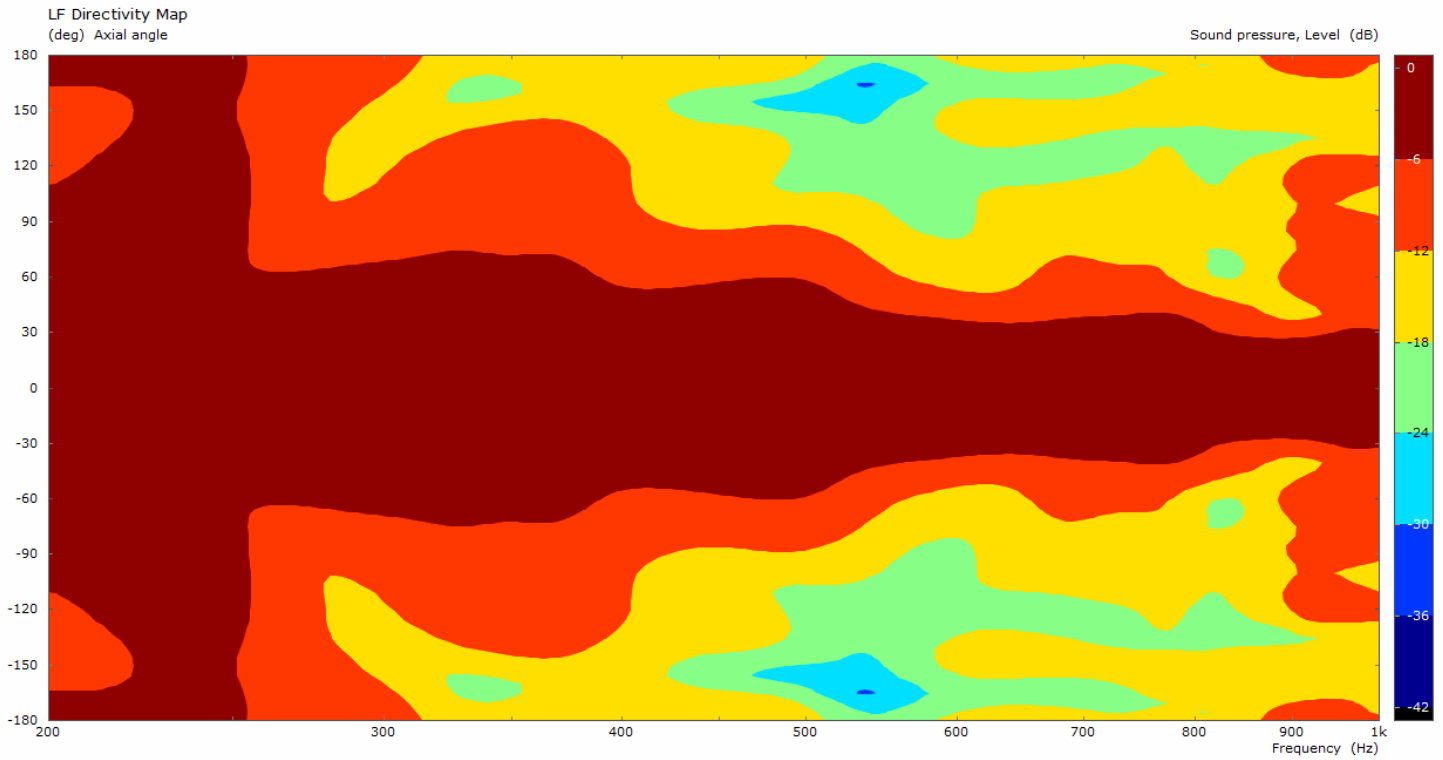
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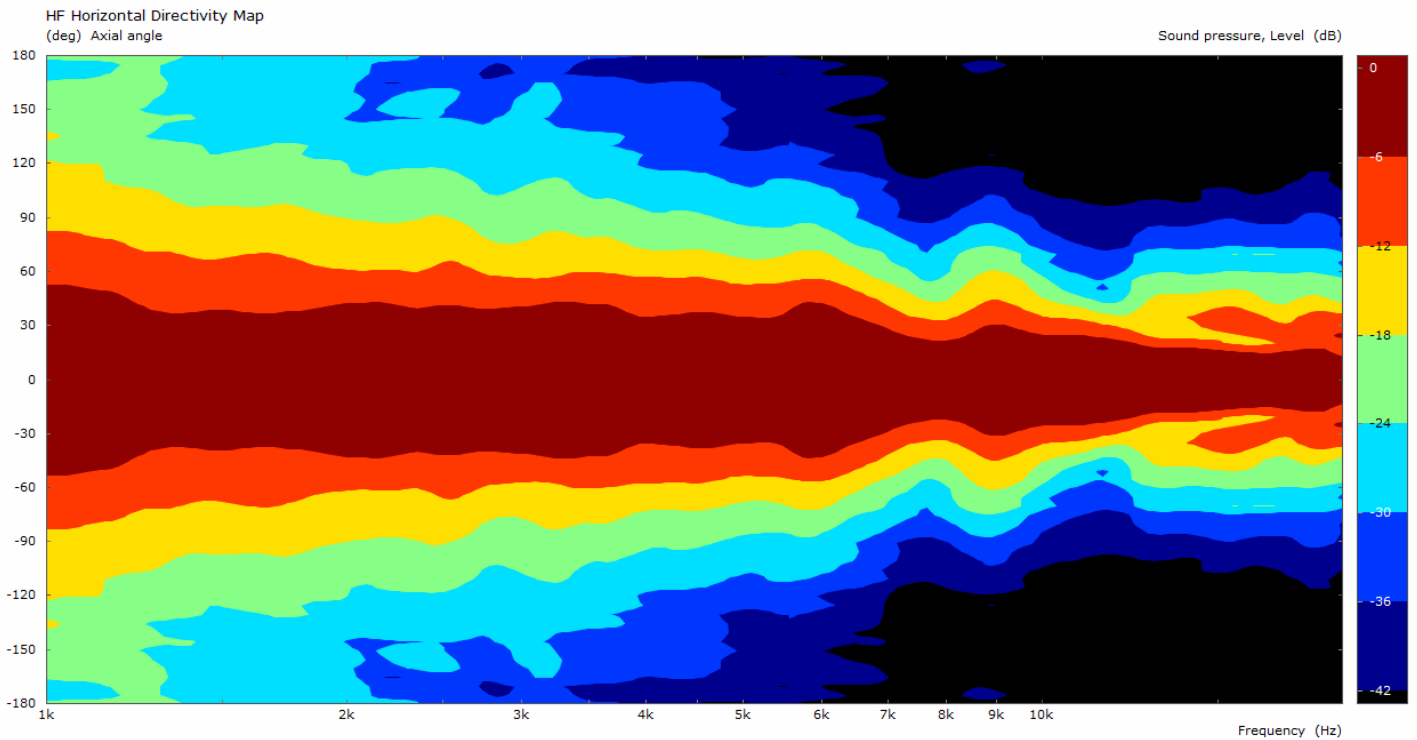
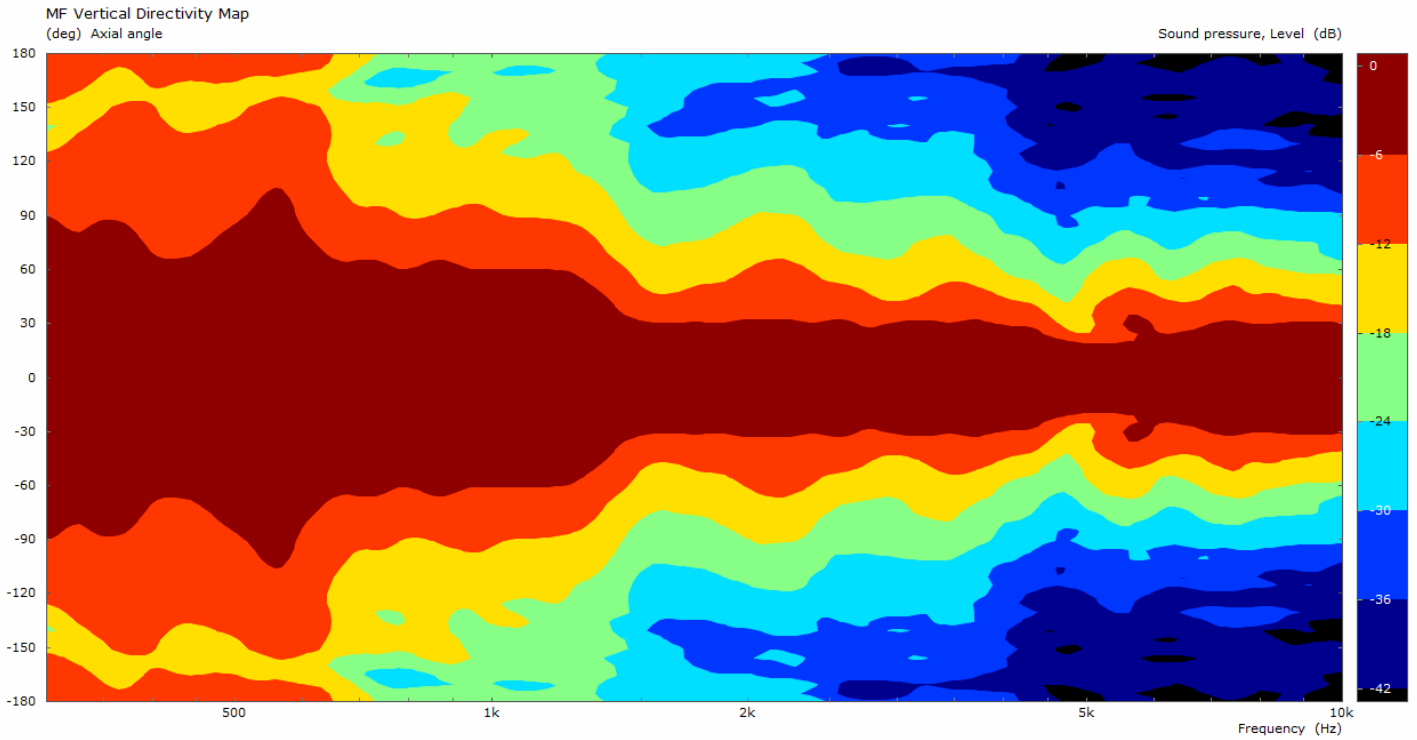
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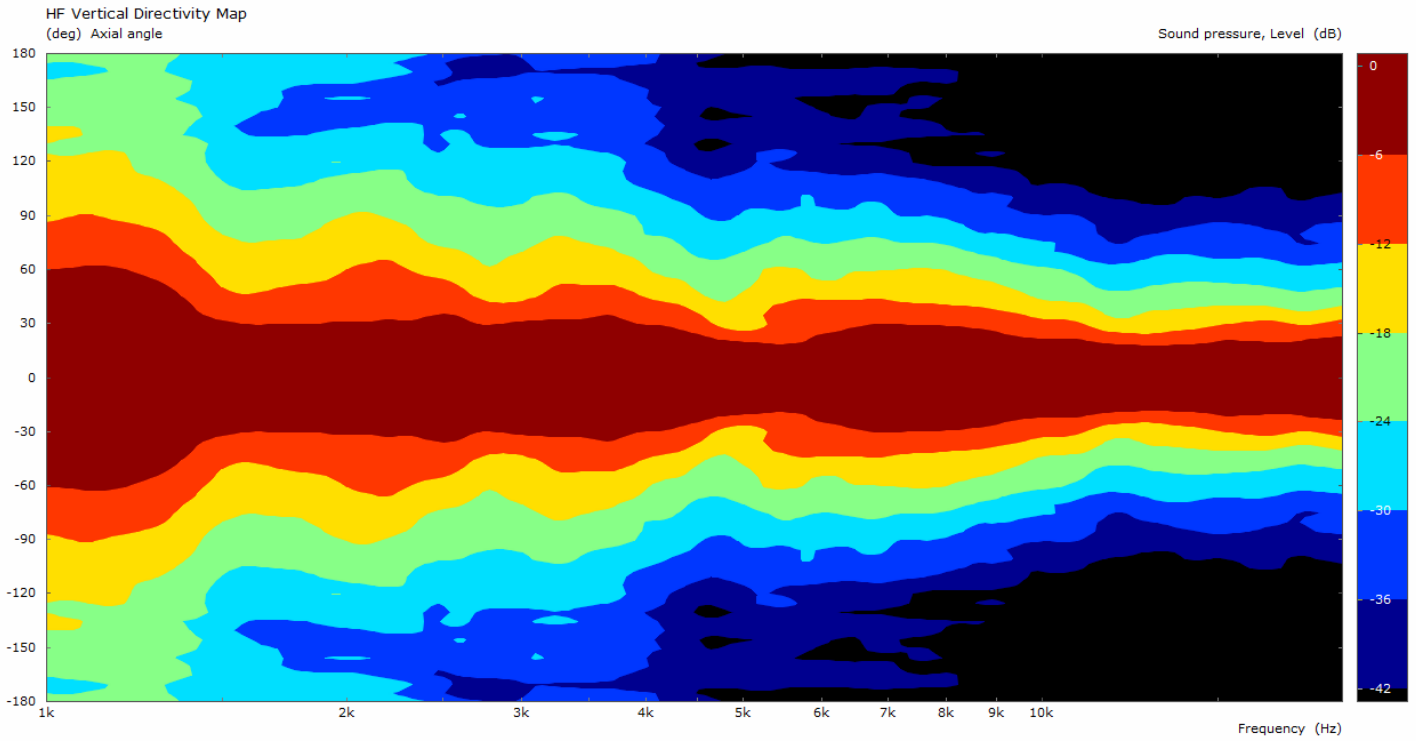
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