Dutch & Dutch 8C.

Technical Specifications

Version 2.0

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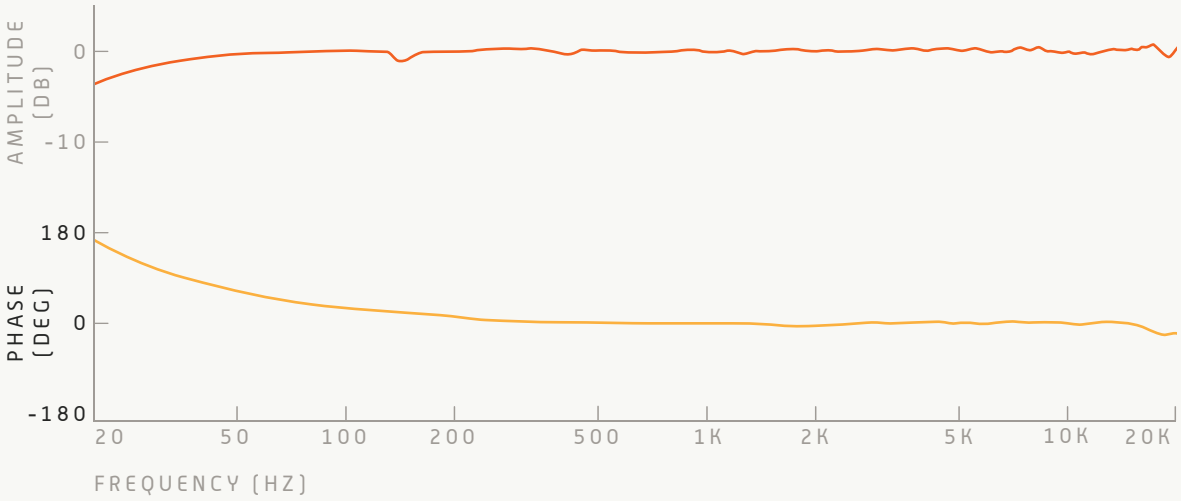
DUTCH & DUTCH

Technical specifications

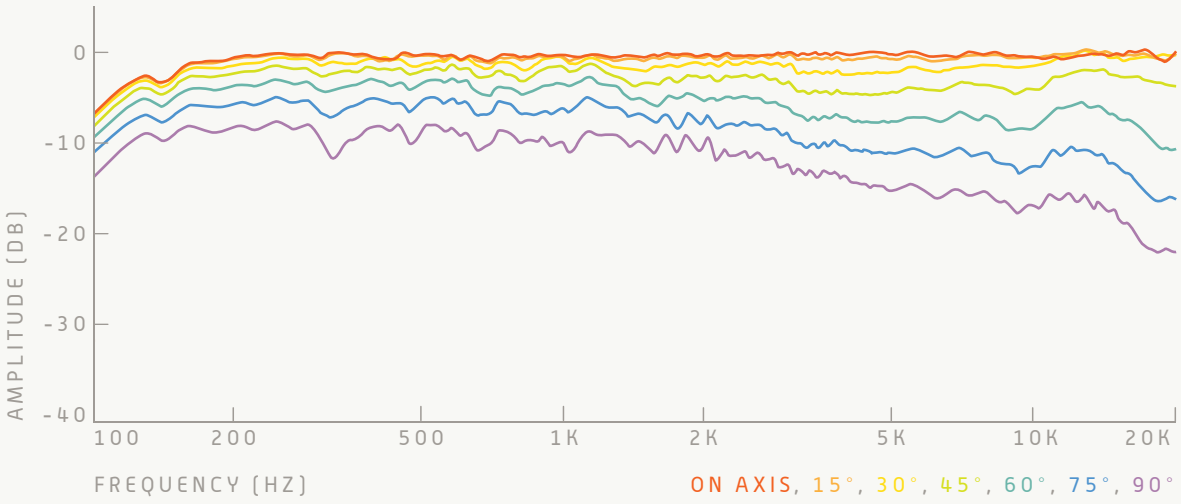
DRIVERS:	LF: 8" ALUMINIUM CONE (2X) MF: 8" ALUMINIUM CONE HF: 1" ALUMINIUM / MAGNESIUM ALLOY DOME
CROSSOVERS:	100 HZ & 1250 HZ, 4TH ORDER LINKWITZ-RILEY, LINEAR PHASE
ENCLOSURE TYPE:	LF: SEALED MF: ACOUSTIC CARDIOID
MAX LINEAR SPL @ 1M:	106 DB CONTINUOUS FROM 35 HZ UPWARDS*
AMPLIFIER POWER:	LF: 500 W MF: 250 W HF: 250 W
AMPLIFIER TYPE:	CLASS D, POWER FACTOR CORRECTION, HYBRID COOLING
MAINS INPUT VOLTAGE:	110V – 230V AC, 50 – 60 HZ
DIMENSIONS (H X W X D):	485 X 270 X 380 MM (19 X 10.5 X 15 IN)
WEIGHT:	26 KG (57 LBS)
CABINET CONSTRUCTION:	SIDE AND TOP PANELS: 19 MM SOLID OAK WOOD INTERNAL CONSTRUCTION: 18MM BIRCH PLYWOOD OUTER BAFFLE: INJECTION MOULDED ABS, DAMPED
ANALOG INPUT:	BALANCED AUDIO OVER XLR SENSITIVITY SWITCH: +4 DBU / -10 DBV PEAK INPUT LEVEL: +24 DBU (+4 DBU SETTING)
ANALOG OUTPUT:	DSP CONTROLLED OUTPUT FOR ACTIVE SUBWOOFER
DIGITAL INPUT:	AES3 OVER XLR LEFT / RIGHT / MONO CHANNEL SWITCH
DIGITAL OUTPUT:	AES3 LOOP THROUGH OVER XLR
NETWORKING:	ETHERNET OVER RJ45
PROTECTION FUNCTIONS:	THERMAL DC / CLIPPING

*IN HALF SPACE RADIATION CONDITIONS

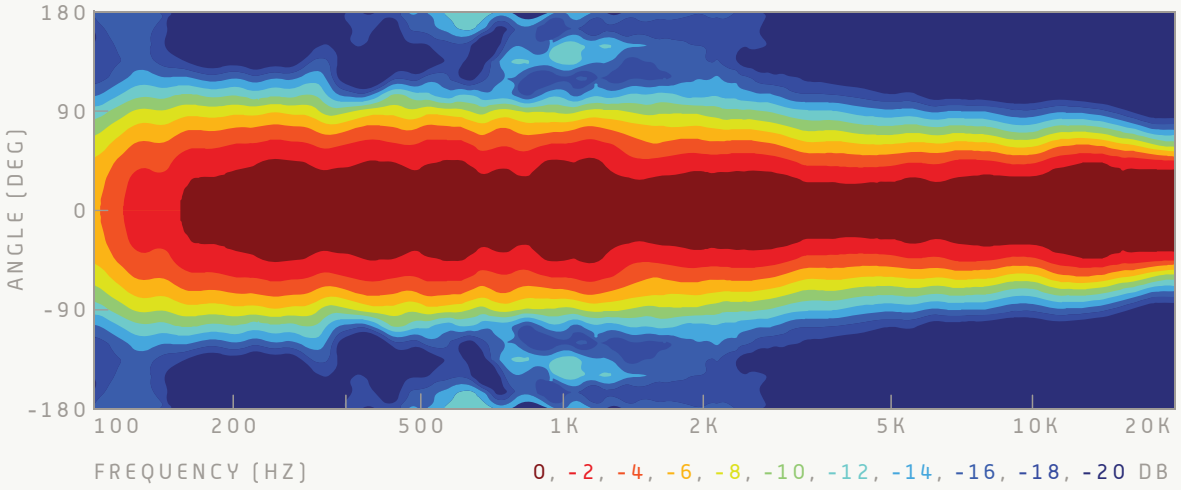
On axis frequency and phase response*



Horizontal frequency responses**



Horizontal directivity plot**



** 1/24 octave smoothing. Anechoic chamber measurement above 100 Hz (4 π radiation). Below 100 Hz, ground plane measurement technique is used (2 π radiation) because of limitations of the anechoic chamber. Actual output and cutoff frequency can be adjusted electronically according to the acoustics of the listening room.*

*** Frequency responses: 1/24 octave smoothing; directivity plot: 1/6 octave smoothing. Directivity characteristics are shown for the MF and HF sections only (100 Hz upwards) as LF radiation depends on acoustical boundary conditions.*