

V45

FULL RANGE PASSIVE TWO-WAY SPEAKER



DESCRIPTION

The V45 is two-way full range loudspeaker system that incorporate 2 x 15" LF transducers and a 4" voice coil, titanium, compression driver.

The system is very compact and provides very high output and accurate voice and sound reproduction. The system is equipped with the latest generation of RCF precision transducers. The LF drivers are equipped with a 4" voice coil and a state of the art ferrite motor, are mounted in a vented enclosure with optimised front loading. The 4.0" HF titanium compression driver is a state of the art in compression drivers designs and is loaded on a constant directivity horn with a perfect coverage of 90° x 40°.

The system includes a high-level crossover network that features markedly lower (than conventional) induction values in series with the woofer. We call this innovation LICC (Low Impedance Compensated Crossover). The benefit is delay reduction, reduced phase shift and superior transient response. Dynamic high-frequency driver protection is accomplished with a bulb lamp dynamic chosen to complement the power curve of the driver.

The new cabinet is provided with M10 threaded inserts for optional mounting hardware in Installed Sound Applications. At the bottom a rugged steel pole mount has been installed.

MAIN APPLICATIONS

- Live performance
- DJ set
- Rental solutions
- Permanent installations

MAIN FEATURES

- High power, two-way bass reflex full range system
- 2 x 15" high power, 4" voice coil hyperventilated woofers
- 1 x 4" high power titanium neo compression driver
- 137 dB max SPL
- 1800 Watt AES
- Very high output, response down to 40 Hz
- Birch plywood cabinet
- Weather resistant, textured, polyurea finish
- Epoxy powder coated front grille

ACOUSTICAL SPECIFICATIONS

Frequency response:	30 - 20000 Hz
Max SPL:	137 dB
Sensitivity 1W/1m:	99 dB
Coverage angle:	H 90° x V 40°
Compression driver:	1.4" neo, 4" voice coil
Midrange:	-
Woofer:	2 x 15" neo, 4" voice coil
Power handling LF:	900 W
Power handling MF/HF:	140 W

INPUT SECTION

Input signal (Impedance):	8 Ω
Input connector:	2 x SPEAKON NL4
Output signal connector:	-

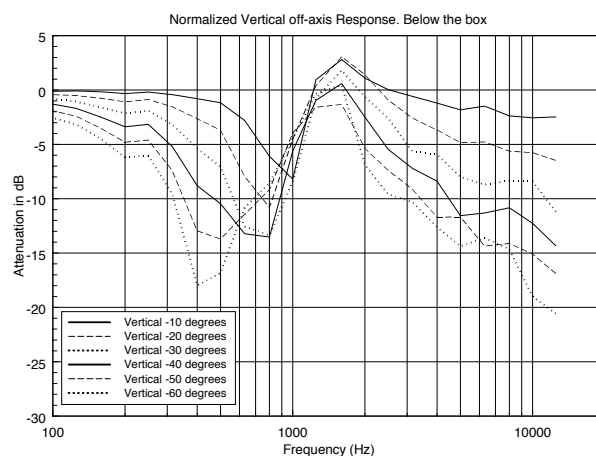
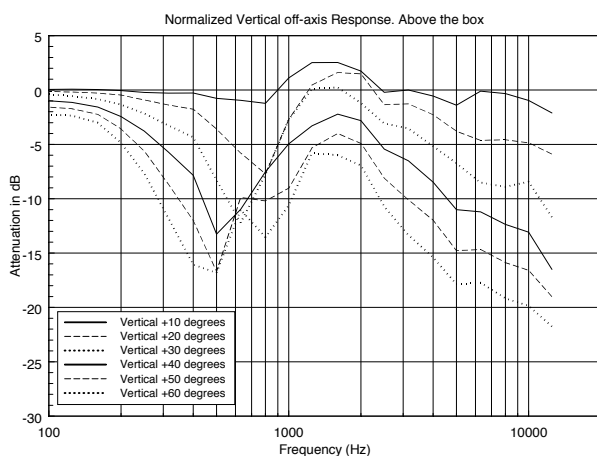
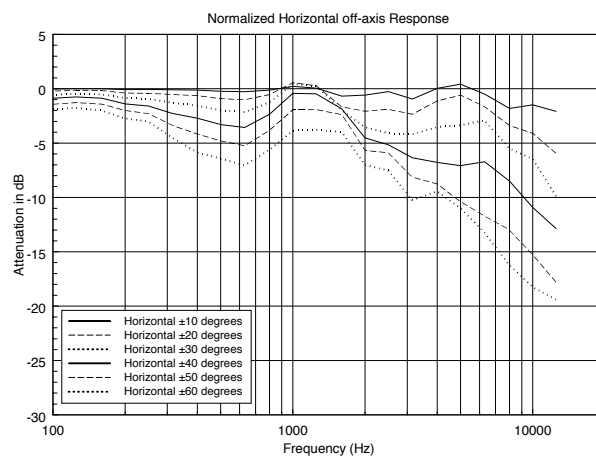
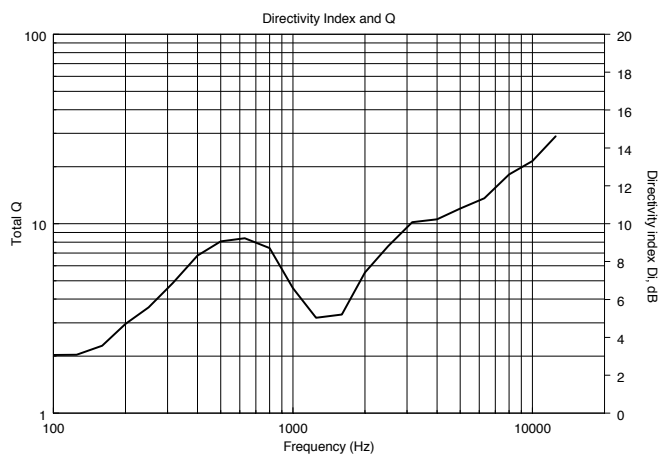
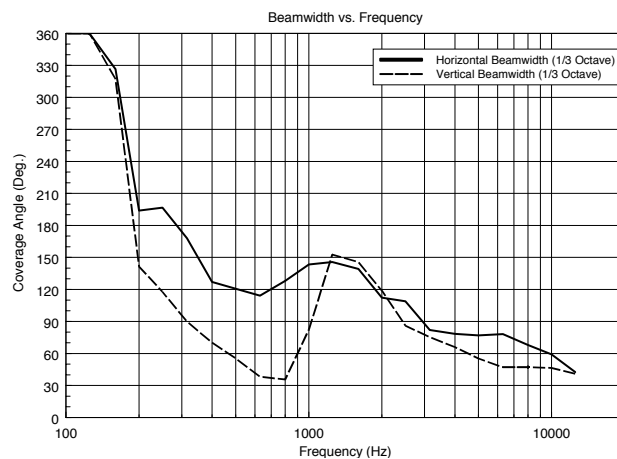
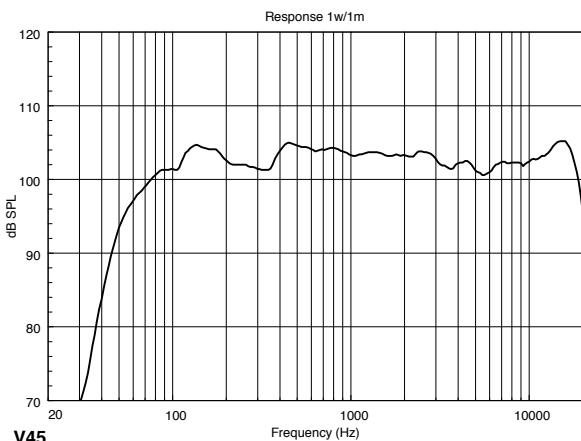
DX 4008 FOR EXTERNAL PROCESSING AND FILTERING IS REQUIRED

Passive crossover frequency:	1200 Hz
Protections:	Bulb lamp dynamic

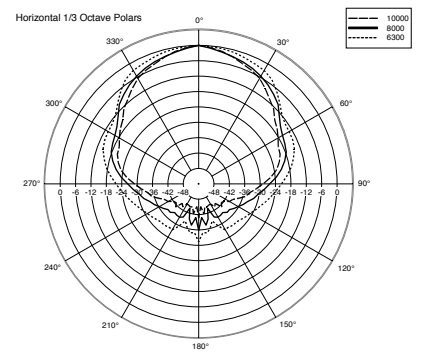
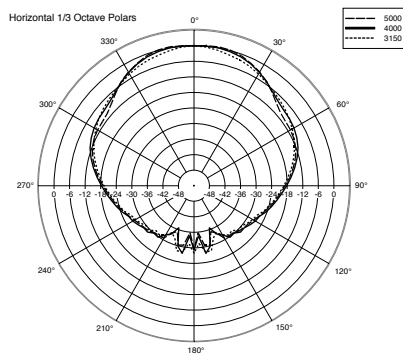
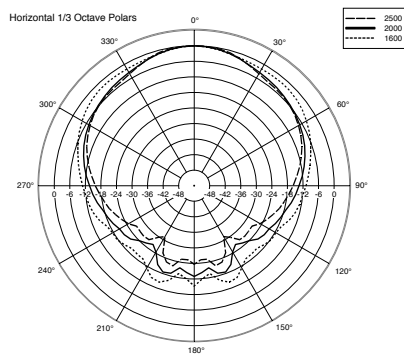
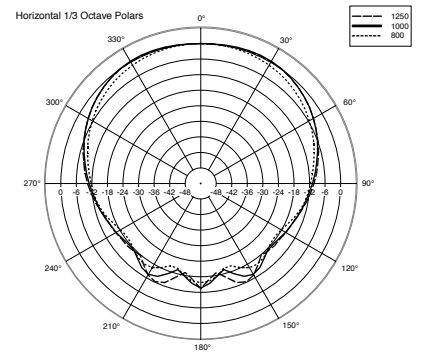
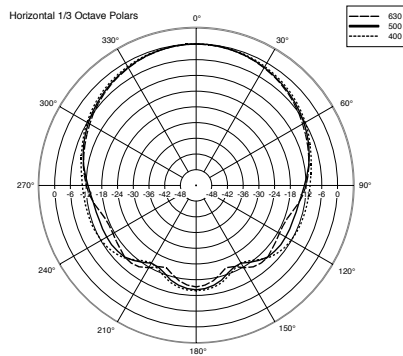
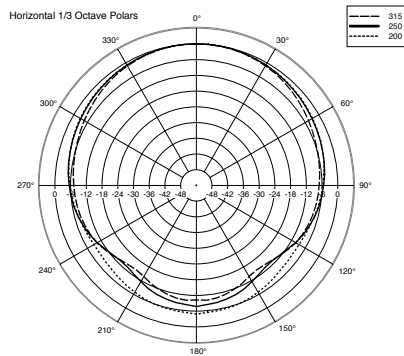
PHYSICAL

Cabinet:	15mm Birch Plywood
Dimensions (HxWxD):	1108.5x 554.3x 579.3mm (43.64"x 21.82"x 22.81")
Weight:	63 kg (138.89 lbs)
Hardware:	Pole mount, 10 x M10
Handles:	1 side
Colour:	Black

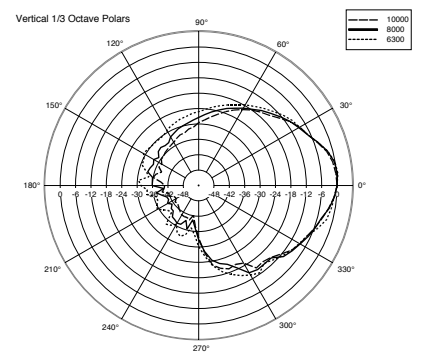
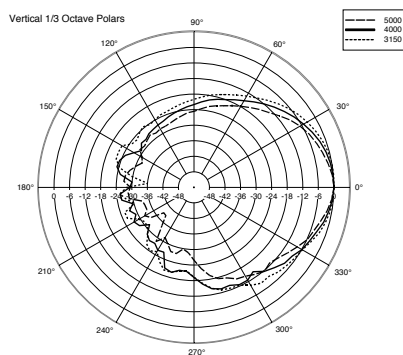
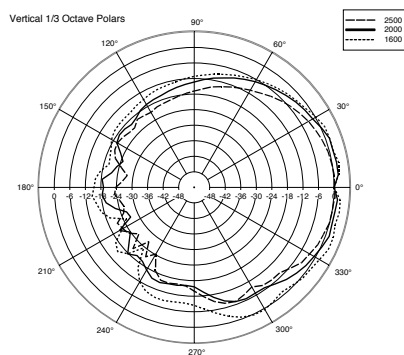
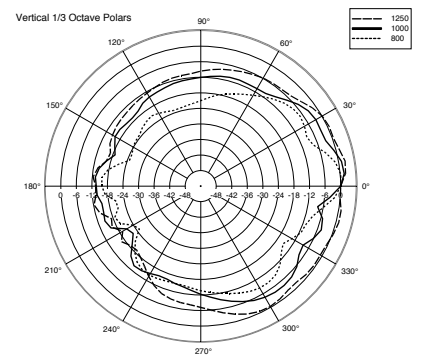
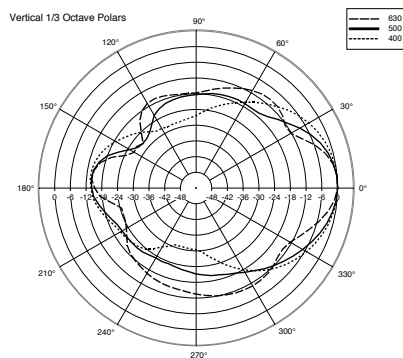
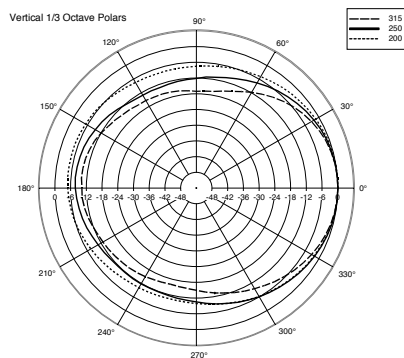




HORIZONTAL 1/3 POLAR PLOT



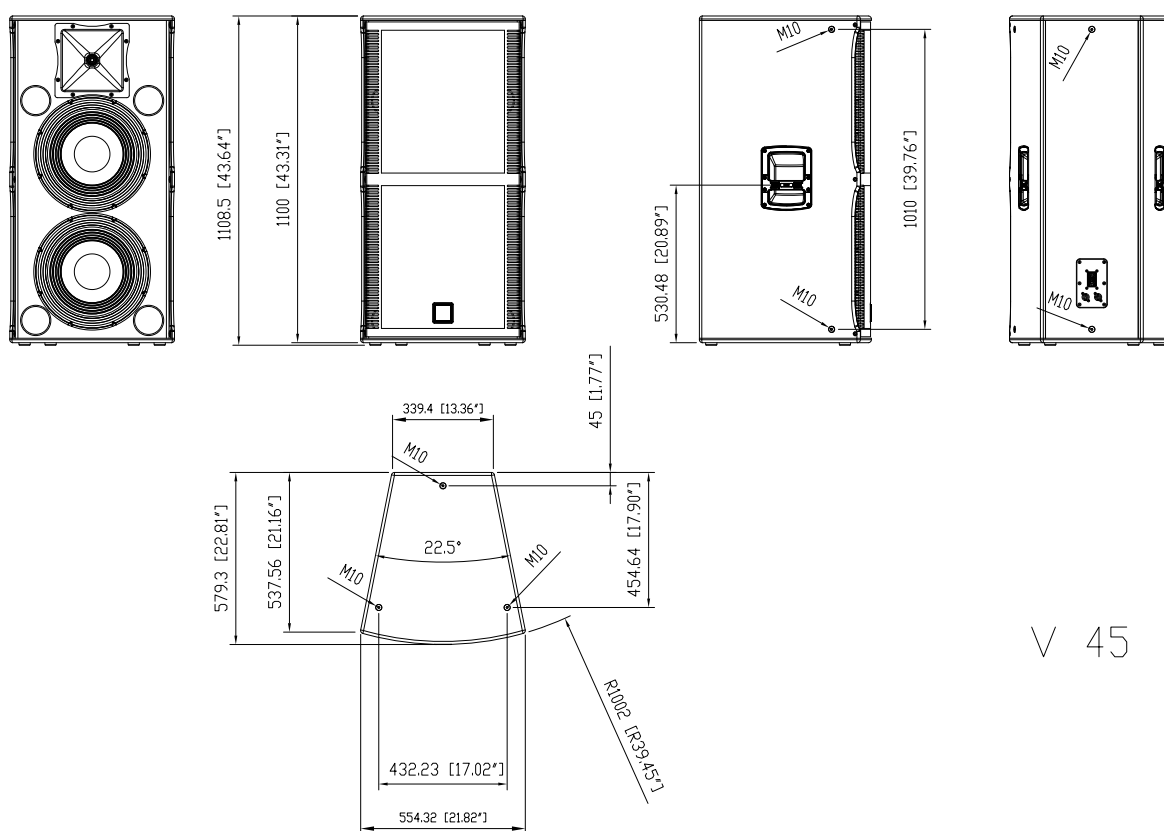
VERTICAL 1/3 POLAR PLOT



PART NUMBER

13000413

DIMENSIONS (All data are in mm)



V 45