

V35

FULL RANGE PASSIVE TWO-WAY SPEAKER



MAIN APPLICATIONS

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

DESCRIPTION

The V 35 is a full range, extremely versatile controlled dispersion two-way loudspeaker system.

This offers substantial power and efficiency for a variety of professional applications that include portable systems, primary sound reinforcement, plus permanent installations and supplementary fill for larger systems.

The high-frequency section is a constant directivity CMD horn designed mathematically for Constant Matching Design in relation to the woofer system, loaded on a neodymium compression driver with a 3.0" titanium diaphragm assembly for smooth, controlled dispersion. The low-frequency transducer is a high power 15" woofer with a 4.0" voice coil.

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 shape will allow V 35 to be used in the standard configuration as well as in stage monitor model. M10 threaded inserts are provided for optional mounting hardware in Installed Sound Applications. At the bottom a rugged steel pole mount has been installed.

MAIN FEATURES

- High power, two-way bass reflex full range system
- 15" high power, 4" voice coil hyperventilated woofers
- 1 x 3" high power titanium neo compression driver
- 132 dB max SPL
- 900 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:	40 - 20000 Hz
Max SPL:	132 dB
Sensitivity 1W/1m:	97 dB
Coverage angle:	H 90° x V 40°
Compression driver:	1.4" neo, 3" voice coil
Midrange:	-
Woofer:	15" neo, 4" voice coil
Power handling LF:	900 W
Power handling MF/HF:	110 W

INPUT SECTION

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

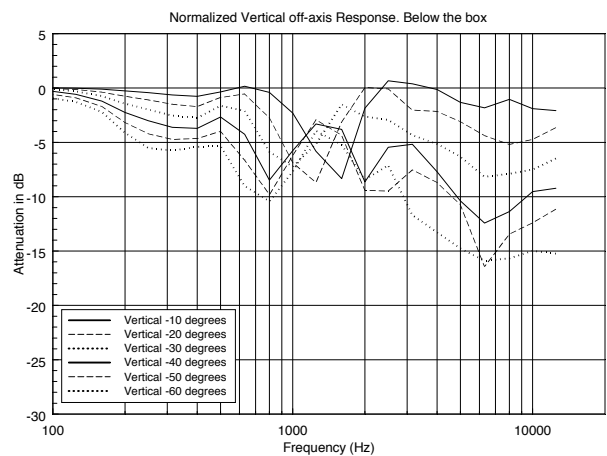
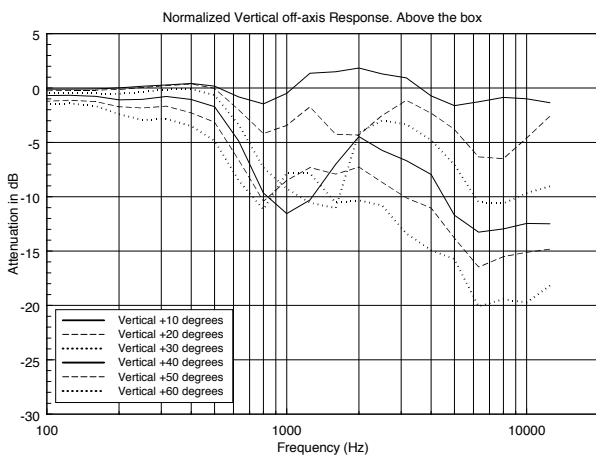
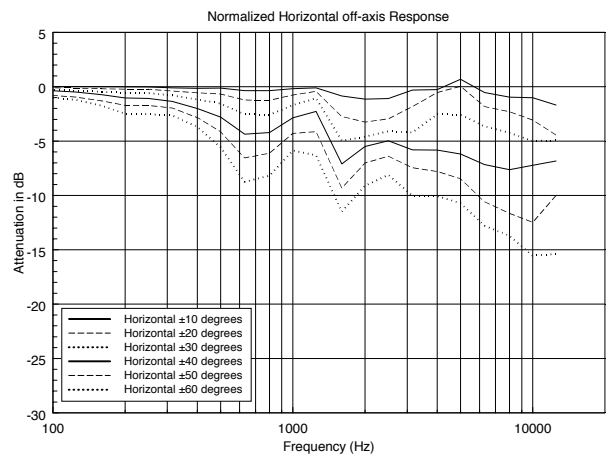
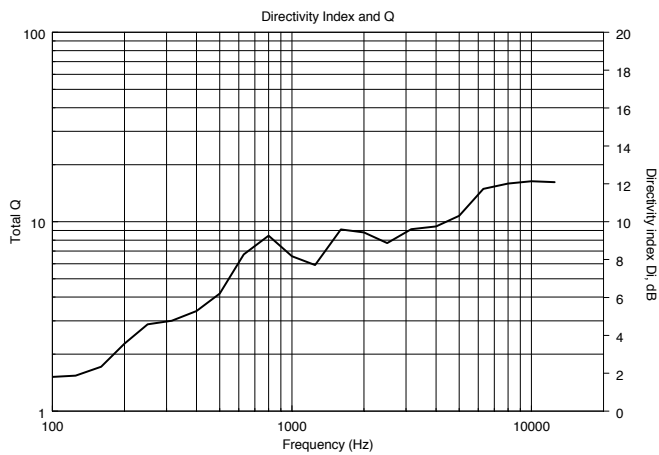
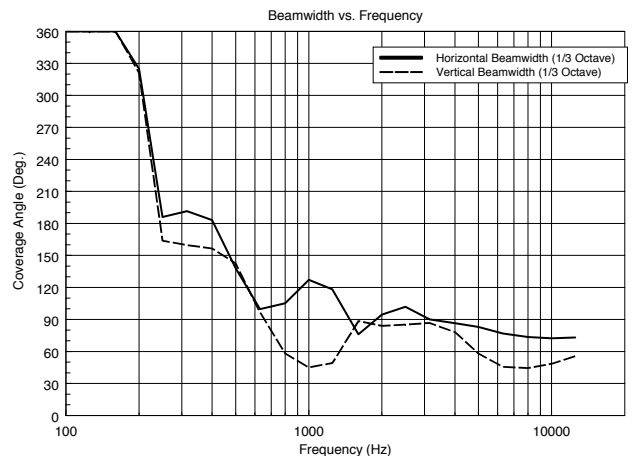
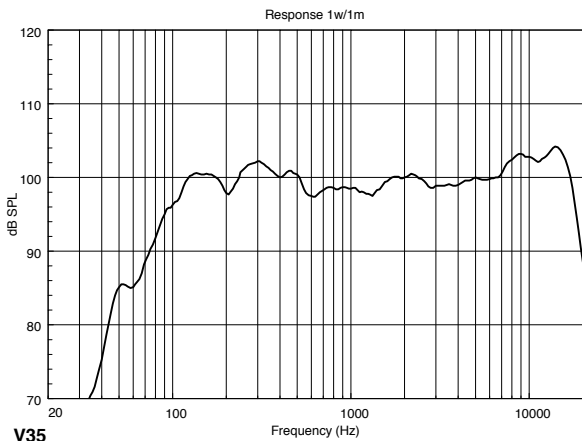
DX 4008 FOR EXTERNAL PROCESSING AND FILTERING IS REQUIRED

Passive crossover frequency:	1400 Hz
Protections:	Bulb lamp dynamic

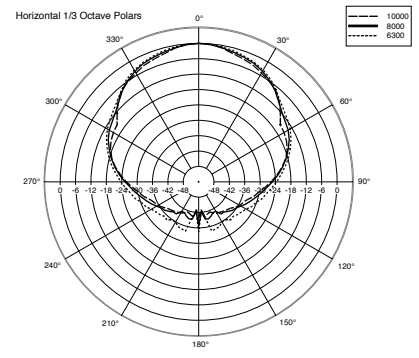
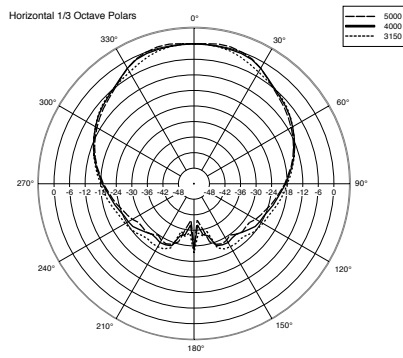
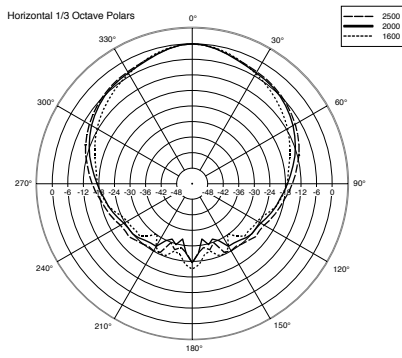
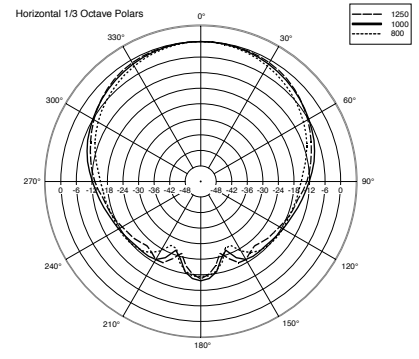
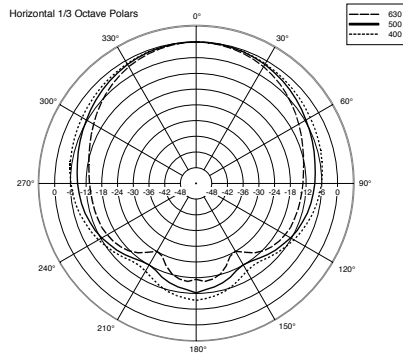
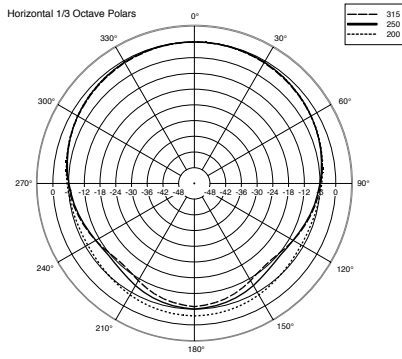
PHYSICAL

Cabinet:	15mm Birch Plywood
Dimensions (HxWxD):	738.5x 440x 350mm (29.07" x 17.32" x 13.78")
Weight:	31 kg (68.34 lbs)
Hardware:	Pole mount, 10 x M10
Handles:	1 side
Colour:	Black

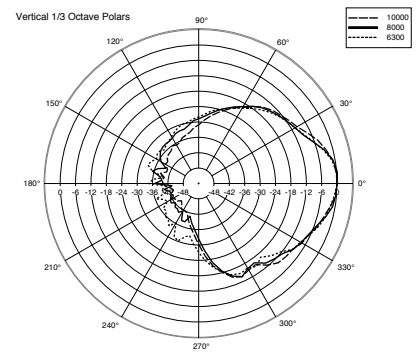
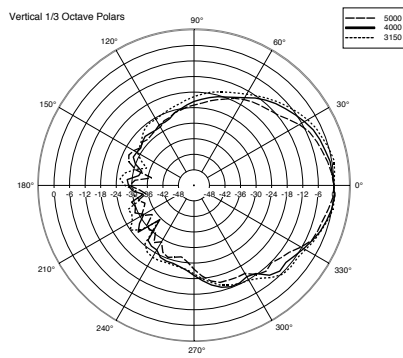
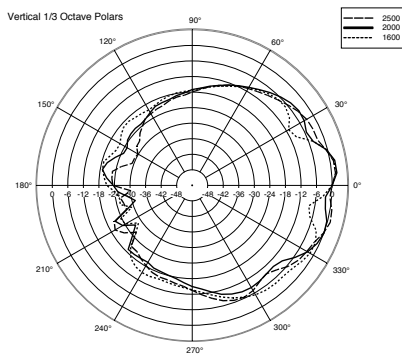
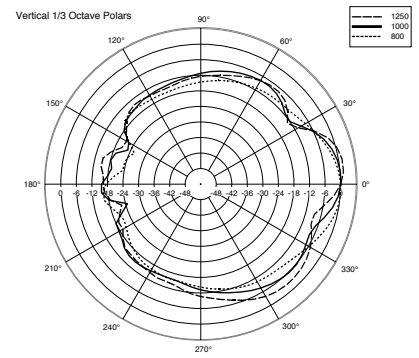
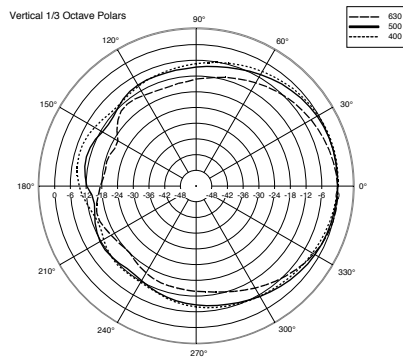
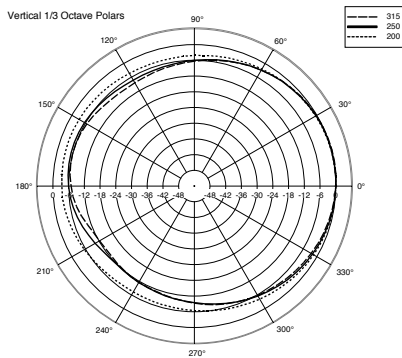




HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT



PART NUMBER

13000412

DIMENSIONS (All data are in mm)

