

# RS802

The RS802 "mid-high pack" comprises the midrange and high frequency sections of the VRS/RS800 in a compact trapezoidal cabinet.

Providing high output, low distortion and well defined dispersion over the 200 Hz to 20 kHz band, the RS802 is an ideal building

block for high quality system design.

Designed for permanent installations, especially where space is at a premium, the RS802 is fitted with standard flying points allowing suspension either upright or inverted. Pairs of M8 bushes are also fitted top and bottom for wall bracket or stand mounting. The trapezoidal cabinet shape allows simple construction of compact cluster arrays for wide dispersion applications.

The RS802 utilises high-efficiency drive units coupled to MARTIN designed horizontal constant directivity (HCD) horns to provide excellent clarity and high acoustic output. Incorporating a passive crossover between the mid and high units, the RS802 may be used, in conjunction with an active crossover at 200 or 250 Hz, with any of the MARTIN bass bins.



# SPECIFICATION

MODEL

## RS802

<b>SYSTEM TYPE:</b>	Mid-high pack, 2-way passive, all horn loaded, vertical in line format
<b>BANDWIDTH:</b>	200Hz-20kHz
<b>MID HORN:</b>	MARTIN HCD design
<b>MID DRIVER:</b>	300mm (12"), 75mm (3") voice coil, 150W continuous/300W programme power
<b>HF HORN:</b>	MARTIN HCD design
<b>HF DRIVER:</b>	25mm (1") exit, titanium diaphragm, 50W continuous/100W programme power
<b>RATED POWER:</b>	400W programme above 200Hz
<b>IMPEDANCE:</b>	8 ohms minimum
<b>SENSITIVITY:</b>	105 dB @ 1W @ 1m (IEC)
<b>SYSTEM DISPERSION:</b>	70 horizontal x 50 vertical
<b>CROSSOVER FREQUENCY:</b>	minimum 200Hz, 24 dB/8va (internal passive crossover 1500Hz)
<b>RECOMMENDED AMP POWER:</b>	250W 8 ohms
<b>REAR PANEL CONNECTORS:</b>	XLR-3 male + female, parallel wired
<b>CABINET:</b>	18mm birch ply, textured matt black painted, with 2 handle cutouts top and bottom
<b>FITTINGS:</b>	2 x M8 recessed bushes top and bottom for shelf or bracket fixing 2 x flying points on each side, plus one on rear for pull-up. Accepts industry standard Aeroquip fittings
<b>GRILLE:</b>	Impact proof perforated steel mesh
<b>DIMENSIONS (WxHxD):</b>	572mm x 650mm x 572mm (22.5" x 25.6" x 22.5")
<b>SHIPPING DIMENSIONS:</b>	785mm x 690mm x 690mm (31" x 27" x 27")
<b>WEIGHT:</b>	46kg (101lbs)
<b>SHIPPING WEIGHT:</b>	50kg (110lbs)

