- 1 inch throat entry
- Diecast aluminum construction for excellent heat transfer
- Uniform on-axis and off-axis frequency response
- 60° x 40° horizontal and vertical constant coverage
- Very low distortion at high sound pressure
- Rotatable structure

The XR1064 is a constant directivity horn with a throat entry of 1 inch. The XR1064 has been developed to reach the optimum performance when it will coupled with one inch exit Eighteen Sound high frequency compression drivers.
All XR horn series have been designed in order to reach smooth driver frequency response, while maintaining constant coverage and directivity and eliminating the midrange narrowing and high frequency beaming problems common of many similar horns on the market.
XR1064 has been made in die-cast aluminum in order to obtain the best performance under many point of view:

- thermal: aluminum horns are capable to reduce up to 30°C the steady state compression driver working temperature at full power, when compared to equivalent size plastic horn. This gives lower power compression ratio (down to 1 dB) and higher driver power handling (up to 30% higher);
- mechanical: no need for compression driver support (like brackets), and at the same time eliminate the problem of horn resonance with optimum waterfall and impulse system behavior.

The XR1064 shows nominal 60° Horizontal x 40° Vertical pattern control, providing consistent on-axis and off-axis frequency response from 1.6kHz to 16kHz in both horizontal and vertical planes.
Horn directivity is constant down to 1.6kHz.
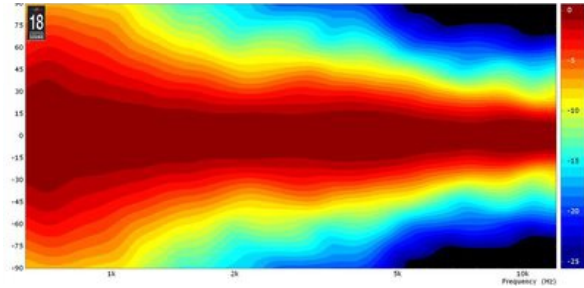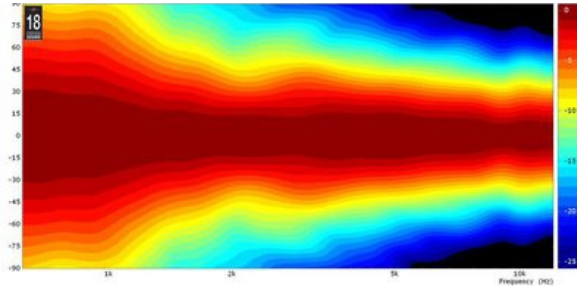
SPECIFICATIONS[1]

Throat Diameter	25 mm (1.0 in)
Nominal Coverage Horizontal	60 °
Nominal Coverage Vertical	40 °
Cutoff Frequency	0.8 kHz
Material	Die-cast Aluminum
Design	Constant directivity
Dimensions	210x210x110 mm (8.27x8.27x4.33 in)

MOUNTING AND SHIPPING INFO

Baffle Cutout Dimension	180x180 mm (7.09x7.09 in)
Net Weight	0.75 kg (1.65 lb)

1. Horn mounted on B&C DE 7 compression driver.

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