

# FUNKTION-ONE

## RESOLUTION 1

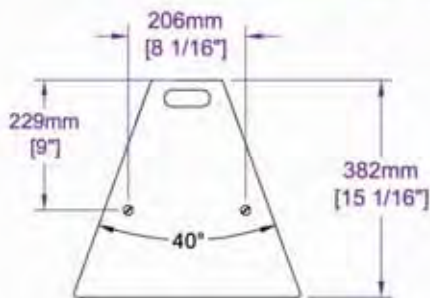
The Resolution 1 is a radical 2-way loudspeaker enclosure resulting from Tony Andrews' 30 years pioneering research and development of high efficiency cone mid-range. This has resulted in a completely new 5 inch loudspeaker which eliminates the need for compression drivers with their inherent harshness and distortion. This device, when used in conjunction with the dedicated Axhead-loaded waveguide, smoothly reproduces both the vital mid range and high frequencies with exceptional coherency and detail. Further, this 5" device smoothly connects with the outstanding 12" ported bass driver at 520Hz. This is in contrast to traditional 2-way systems where a compromised compression driver is stretched to (almost) meet an equally stretched and indistinct 12" or 15" low frequency driver at 1 to 2 kHz. Our resulting bass is lively and very well defined.



Shown with optional PX1 crossover module fitted

The high efficiency, projection and imaging of the R1 make it hard to imagine that it comes in such a compact and lightweight package. The enclosure shape has a rear recess that can either be used to flush fit a separate passive crossover module or an amplifier module in a future self powered version. The waveguide can be rotated for use in either vertical or horizontal formats.

Standard cabinet finishes are violet or silver. There are two grill options - a half height punched metal grill which protects the 12" loudspeaker and covers the ports whilst leaving the waveguide fully visible. For those preferring a more discrete appearance (particularly for theatre and AV applications) we also produce a full height black foam covered metal grill.



Driver	Operating Band	Sensitivity (1W at 1m)	Power (rms)	Nominal Impedance
12"	25 - 520 Hz	102 dB	350W	8Ω
5"	520Hz - up	112 dB	75W	12Ω

Please check website for latest crossover settings

Frequency Response  $\pm$  4dB: 65Hz - 15kHz  
 Weight: 19 kg [42 lbs]  
 Nominal Dispersion: 50° Horizontal x 25° Vertical  
 Connectors: 2 x Speakon 4 Pole (NL4)

