

RES 1

Res 1 is a radical, 2-way loudspeaker enclosure, resulting from Tony Andrews’ 40 years pioneering research and development of high efficiency cone mid-range.

Its unique Funktion-One 5” loudspeaker eliminates the need for compression drivers with their associated harshness and distortion. In conjunction with the dedicated Axhead loaded waveguide, the Res 1 smoothly reproduces both mid-range and high frequencies with exceptional coherency and detail.

The accuracy, projection and imaging detail of the Res 1 make it ideally suited to high intelligibility applications including theatrical use. It has a rear recess that can be fitted with the optional PX1 passive crossover module and the waveguide can be rotated for use in either vertical or horizontal formats.



- Features:
- Very low distortion
  - Funktion-One designed Neodymium drivers
  - Rotatable mid-high waveguide for horizontal use
  - Integral 35mm pole mount
  - Optional full grille for discrete appearance
  - Optional Passive Crossover Module (PX1)
  - Complete range of flying and mounting options

Frequency Response (-3dB):65Hz – 15kHz

Weight:19kg (42lbs)

Nominal Dispersion:40° Horizontal x 25° Vertical

Connectors:2 x Neutrik NL4

| Driver | Crossover Frequencies | Sensitivity (at 1m)* | Power (AES) | Nominal Impedance |
|--------|-----------------------|----------------------|-------------|-------------------|
| 12"    | 40Hz – 520Hz          | 102dB at 2.8V        | 350W        | 8Ω                |
| 5"     | 520Hz – Up            | 112dB at 3.5V        | 75W         | 12Ω               |

\*Measured in free field

Specific crossover settings can be found at [www.funktion-one.com/support](http://www.funktion-one.com/support)

