



FUNKTION-ONE

RESOLUTION TOURING
NOT VIRTUAL, NOT LINE BUT REAL...

The Funktion One Resolution range represents a major evolutionary step in enclosure design and array implementation. A genuinely new system for the new Millennium using revolutionary techniques and materials to deliver a resolution to man's quest for large-scale sonic experience of the highest order. Not only that, but the system is smaller and lighter than ever before, it flies faster and is incredibly efficient, converting amplifier energy into more acoustic energy.

In our opinion, no other system in the world today has the capability to deliver sound of such outstanding clarity, intelligibility and beauty.



The operating bands of the system have been organised to optimise energy distribution to the drive units. Resolution thereby achieves unparalleled sonic integration with minimal levels of distortion at all frequencies. The transient ability of the system has been raised to new heights, delivering greater accuracy and realism. The cross-over from Funktion One's renowned bass enclosures to the 12" low mid component stands at just over 100Hz enabling the hitherto ill-defined upper bass and low mid regions to be handled by a dedicated device giving unprecedented clarity. Listening through Resolution is a revelatory experience, you will hear music as you have not heard it before and will walk away without any of the usual pain associated with large-scale sound systems. On many levels, Resolution could truly be described as 'People Friendly'...

Funktion One have continued their holistic approach to waveguide and driver design to the point where the two devices are now contemplated as a single unit. All of the drive units used in Resolution are new Funktion One designs and have been developed specifically for Resolution. The magnets used in the touring versions of the system are made from high-grade neodymium and contribute significantly to the overall weight minimisation of the enclosure.

The nominal dispersion of the Resolution 5 is 25° horizontal by 20° vertical and a Resolution 4 is 50° by 25°. When arrayed, Resolution generates a coherent wave almost devoid of inter-cabinet interference. A Resolution system uses at least 25% less enclosures than previous designs to achieve the same coverage with greater SPL. This represents a significant cost saving. Resolution 5s can also be used in surprisingly small quantities for smaller spaces and this maximises rental use from a system predominantly thought of as a solution to arena or stadium shows.



The enclosure design incorporates a patent pending flying and tilting system that facilitates extremely swift, easy, solid and accurate array implementation with a wide variety of configurations. At the top and to the rear of the cabinet two recessed toggle pins mate with two sprung flying tabs at the bottom of the enclosure above. On the top row of an array the toggle pins link directly to a column hanger on the flying grid. This grid provides many positions that maintain optimum splay angles whilst enabling the inter-cabinet spacing to be minimised. Various connection points for the tilting strap provide the capability to achieve flexible helping. The vertical inter-cabinet help angle is determined by the position of the 'biscomatic' auto-spacer located to the bottom rear of the enclosure. With Resolution, there is no need for separate flying trunks or losable parts such as chains, links, pins or tools, as all inter-cabinet flying hardware is completely built into the enclosure.

A highly effective wheel-board completes the packaging offering full touring protection for the front of the enclosure and also makes transport a dream. When loading or unloading, the cabinets are face (wheel) down and one can be stacked on top of the back of another with the wheels straddling the narrow part of the trapezoid below. The wheel-boards have a locator that mates with a receptacle on the back of the cabinet to prevent sliding. Amazingly 60 enclosures will fit on the step, (dance floor), of a semi/trailer. They can easily be pushed in and out of a venue three high and this also means that less space is taken up with enclosures pre and post event. This all represents a significant packaging advantage which delivers real cost savings in terms of both crew and transport.

The cabinets are finished in Funktion One Deep Violet with stunningly elegant silver wave-guides. Their inherent grace and presence adds an appealing aesthetic to set design without grills. Should a discrete appearance be required we provide a fine cloth scrim grill that has been selected for its maximum acoustic transparency.

TOURING RESOLUTIONS

RESOLUTION 5
RESOLUTION 4

The definitive long throw enclosure.

A dimensionally identical version of the Res 5 with wider dispersion.

RESOLUTION 18
RESOLUTION DOWNFILL
F-218
RES TWO

A dimensionally identical flying horn loaded bass enclosure.

For the bottom row of a cluster.

Funktion One's renowned double 18" bass enclosure.

Small full range enclosure.

OTHER SPECIFIC VERSIONS OF THE RESOLUTION RANGE ARE AVAILABLE FOR INSTALLATION / LIGHT-TOURING APPLICATIONS. PLEASE SEE OUR WEB SITE FOR DETAILS...

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