Big in small

Unique Audio Solutions

MAK FULL ZERO

MAKFULL ZERO, a benchmark in the market, is a multi-purpose enclosure offering unprecedented acoustic versatility. Thanks to its four presets, perfectly developed by Unka Sound's R&D department, the system is capable of reproducing the entire dynamic range (30Hz-16kHz) and can even power a passive subwoofer if needed (please inquire about conditions and availability upon request).

MAKFULL ZERO offers users all the features of a true multi-purpose system, functioning as a line array or a conventional satellite speaker. This is achieved through a built-in speaker cabinet and, of course, a system for connecting two MAKFULL ZERO units. (If two MAKFULL ZERO units are installed, the upper cabinet must be inverted so that the tweeters are positioned at the shortest possible distance, ensuring perfect coupling.) MAKFULL ZERO incorporates a 12" woofer and a 3" tweeter, both made of neodymium. It is powered by a 2x1,100w rms class "D" power module, managed by a state-of-the-art DSP, which is also capable of handling the power supply of a 1,000w rms subwoofer at 8 ohms. (See conditions and available upon request). It includes a selector to choose from four presets:

1. PRESET FULL 0 dB (30Hz – 16KHz)
2. PRESET FULL +3 dB (40Hz – 16KHz)
3. PRESET FULL +6 dB (50Hz – 16KHz)
4. PRESET +12 dB (100Hz - 16KHz)

NOTE: The higher crossover point of the 12" speaker is for achieving greater volume, but it will result in less of a subwoofer effect.

Why do we call this model FULL ZERO?

- When we set preset #1 "FULL", the system offers its full frequency range of 30Hz-16KHz. It is capable of reproducing frequencies typical of a subwoofer and providing that effect without having to install an additional subwoofer. Although its volume is limited, thanks to the DSP that constantly analyzes all acoustic parameters, it compresses the sound. and gently limits to protect its components against potential damage.

- When we set preset #4 "SUB", it offers a new possibility: extracting a third channel to power a subwoofer, allowing individual management of all its components, including equalization, compression, and limiting (see conditions and available upon request).

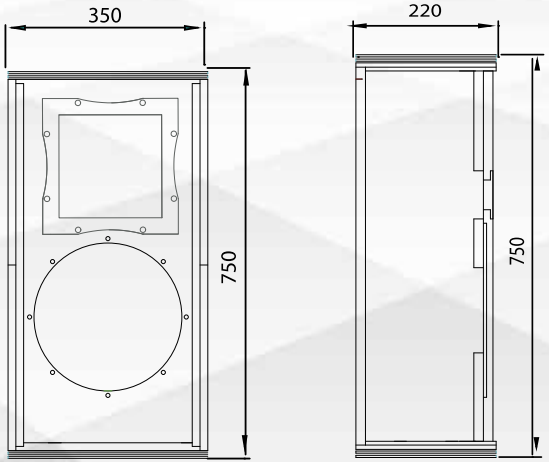
This preset is designed for performances requiring high SPL. The upper enclosure must be inverted so the drivers are close together, and the crossover will be at 100 Hz. In these cases, we achieve:

Avoids comb filtering: By bringing the drivers closer together, you shift unwanted frequency cancellations and boosts to a much higher range, drastically improving sound quality.

Achieves a long-throw array: It concentrates energy on the array's axis and prevents mid and high frequencies from interfering with each other, allowing the sound to travel much further without distortion.

- Passive manufacturing is available upon request. In this case, all the... concept of sub sensation, since this sensation requires advanced electronics to be able to house specific algorithms and controls.

MAK FULL ZERO



COLORS & PREMIUM FINISHES

Black White Custom

ACOUSTICS	
POWER HANDLING	1.000W + 80W
MAX POWER	1050W + 1050W
IMPEDANCE	1 x 8 OHMS + 1 x 8 HOMS
COVERAGE	H 90º - V 60º
FRECUENCY RANGE	30 Hz - 16 Khz +/- 3 dB
SPL 1W/1MT	128 dB (low-mid) 129 dB (higt)
MAXIMUM SPL	131 dB CONTINUOS - 134 dB PEAK
CROSS OVER	
TYPE	DSP CONTROLLED PRESET SPEAKERS
FREQUENCY	1,2 KHz MINIMUM
TRANSDUCERS	
LOW-MID FREQUENCY	1 x 12" NEODUMIUM
HIGH FREQUENCY	1 x 3" Neodimuin
AUDIO INPUT	
CONNECTORS	MALE + FEMALE PARALLEL 3 POLES BALANCED XLR
WIRING	PIN1 = GROUND / PIN2 = HOT / PIN3 = COLD
AUDIO OUTPUT	
CONNECTOR	MALE + FEMALE PARALLEL 3 POLES BALANCED XLR
WIRING	PIN1+ = CH1+ / PIN1- = CH1- / PIN2+ =N.C. / PIN2- = N.C.
POWER INPUT	
CONECTOR	1 X POWERCON IN 1x POWERCON OUTPUT
AMPLIFIERS	
TYPE	1 MODULES CLASS D - DSP CPNTROLLED
POWER	2 x 1.100w @ 8 Ohm
PROTECTIONS	DYNAMIC LIMITER, OVER CURRENT, OVER TEMP, SHORT CIRCUITS
AC POWER	
OPERANTING RANGE	STANDARD 90 - 265 Vac 50Hz (STANDARD) / 300w
MAX CONTINUOS AND BURST CURRENT	STANDARD 12A (>10SEC) - 24A (>1 SEC)
PHYSICAL	
MEASURES	75 x 35 x 22 cm (29,52" x 13,78" x 8,66")
WEIGHT	25 Kg.