

The logo for UNKA SOUND SYSTEMS is centered on a dark, textured background. It features a stylized 'U' and 'K' symbol on the left, followed by the word 'UNKA' in a large, bold, italicized font. Below 'UNKA' is the phrase 'SOUND SYSTEMS' in a smaller, italicized font. A red, brush-stroke-like line is positioned below the text.

**UNKA**  
*SOUND SYSTEMS*

Unique Audio Solutions



# **MAK** FULL zero

***Active full range speaker***

**2 AMPLIFICATION CHANNELS  
CAN FEED 1 H112P  
2X1.050W**

Active speaker MAK "FULL ZERO" incorporates a powerful (1000W) 12" speaker and a 2,5" HF driver in a bi-amplified configuration.

We manufactured a multi use speaker that can be used as:

- Flown speaker, thanks to two M10 flying points.
- As a part of a Line Array system.
- Stage Monitor, thanks to two incorporated hidden floor stands.
- Super powerful full-range speaker.
- Satellite speaker driving passive subwoofer thanks to the 1000W subwoofer output.
- Active master speaker with ability of driving another passive speaker (under request).

Thanks to its electronics and our Engineers, we managed to develop a unique full range speaker equipped with "POWERSOFT" two channel class "D" amplifiers (2 x 1000 W), controlled by DSP and capable of driving and controlling Subwoofers of 1000 W/8Ω. The system doesn't use a passive filter, only HF Driver protection.

We have programmed 4 different presets:

"CLEAR" preset (50Hz-16KHz).

"MONITOR" Preset (60HZ – 16KHz).

"FULL" Preset (35Hz-16KHz).

"SUB DRIVING" Preset for "Full zero + Subwoofer" configuration.

What makes this speaker unique apart from its versatility, is the way it acts when "FULL" preset mode is chosen. The magic of DSP allows this incredible speaker to deliver a full range of frequencies (40Hz-16KHz) giving to the listener an impression that an additional Subwoofer is being used.

It is something that should be heard.

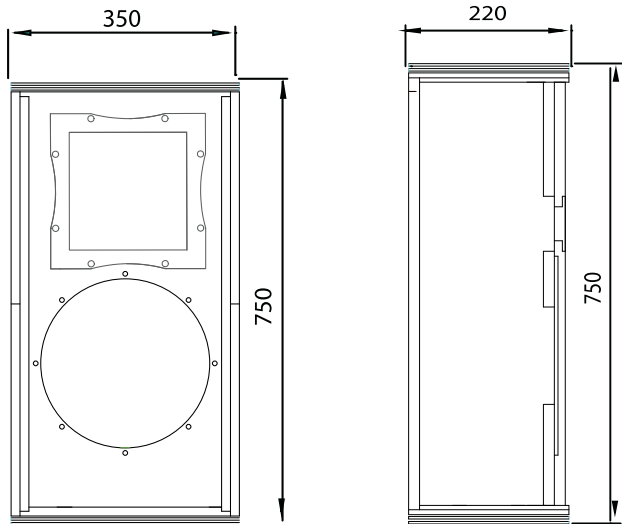
Carefully programmed DSP also protects its components from any damage, in case of very high levels of performance, applying very soft compression and limiting. Once " 0dB" level is reached FULL ZERO enters into "Limiting Zone" where all its components are protected by the DSPs limiter. At that point FULL ZERO requires additional Subwoofer and change of the preset in order to be converted into a Satellite speaker paired with a subwoofer.

That is why we call it " FULL ZERO".

It is much, much more than just an ordinary active speaker.



# TECHNICAL SPECIFICATIONS MAK FULL ZERO



ACOUSTICS	
POWER HANDLING	1,000W + 80W
MAX POWER	1050W + 1050W
IMPEDANCE	1 x 8 OHMS + 1 x 8 HOMS
COVERAGE	H 60° V 40°
FREQUENCY RANGE	40 Hz - 20 KHz +/- 3dB
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 2,5" NEODUMIUM
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	
CONNECTOR	1 X POWERCON IN 1x POWERCON OUTPUT
AMPLIFIERS	
TYPE	1 MODULES CLASS D - DSP CPNTROLLED
POWER	2 x 1050 WATT @ 8 CH
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	28 Kg (61,73 lb)