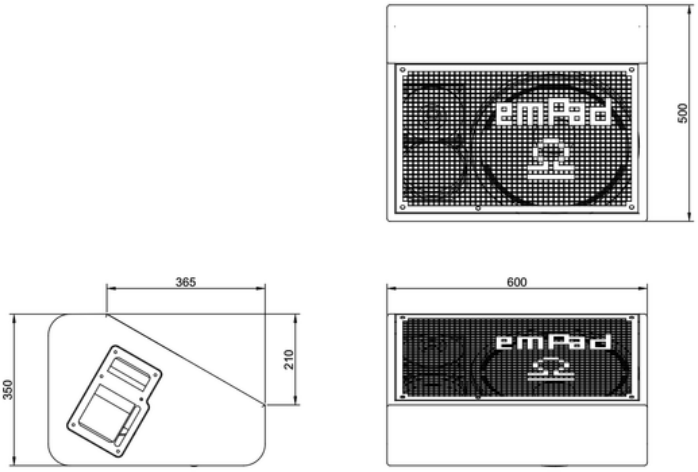
MS69 MKIV - Data Sheet
Multi-Application Stage Monitor





The EmPad MS69 is our highest level stage monitor; built around the 7-inch mid driver to ensure perfect vocal clarity at high SPLs. With clean and tight sounding low end for accurate monitoring.

An extremely flexible product capable of live monitoring applications, front fills, side fills, and as main PA hangs or pole mounts for smaller venues. The EmPad MS69 is a reliable tool for the job.

Our proprietary EmPad WG-MP waveguide ensures even coverage and linearity of mid-high frequencies; whilst also providing exceptional phase response in a single cabinet or line array configuration.

The EmPad MS69 comes in either a “Left” or “Right’ configuration, providing a spacial stereo environment for live monitoring on stage.

All connectors for the “Input” and “Output” sections of the connector panel are industry standard Neutrik NL4 Speakon connectors.

Up to three EmPad MS69s are able to be powered on two amplifier channels. Please consult our EmPad amplifier documentation for further details.

Made from European parts and ideas, the EmPad MS69 is made from high quality components and materials; from electronics and transducers to the birch ply-wood used for every EmPad loud speaker cabinet. We ensure the highest possible sonic and build quality. All built in-house at our factory in Thailand.

EmPad
HORNLESS DESIGN

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ACOUSTICAL PROPERTIES	
Operating Frequency Range (Within + / - 3dB)	50 Hz - 20kHz
Maximum SPL	129 dB
Useful Coverage Angle	90° x 90°
POWER HANDLING	
Nominal Impedance	8 Ohm
Recommended Power (Single Channel)	1300 W @ 4 Ohm
Recommended Power Amplifier	EmPad MP4D
CONNECTION & WIRING	
Loud Speaker Wiring Configuration	3 Way - Bi Amped (Internal Crossover & Amp Processing)
“Input” Speakon Connector (Neutrik NL4)	“Input” Pin 2 +VE and Pin 2 -VE Connects to Internal Crossover, Pin 1 +VE and Pin 1 -VE Connects to 15-inch Driver.
“Output” Speakon Connector (Neutrik NL4)	“Output” All Pins Loop Out Directly.
TRANSDUCERS	
Low Frequency	A Single 15-inch Neodymium Driver.
Mid Frequency	A Single 7-inch Cone Neodymium Driver.
High Frequency	A Single 1.25-inch Diaphragm Coupled to Proprietary EmPad WG-MP Waveguide.
PHYSICAL PROPERTIES	
Cabinet Dimensions (MM)	500 x 600 x 350
Cabinet Weight (KG)	31.8

Continued R&D leads to innovation and improvements. In the light of implementing such improvements, EmPad reserves the right to change published specifications and parameters without prior notice.