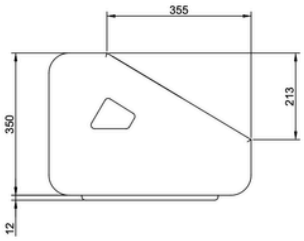
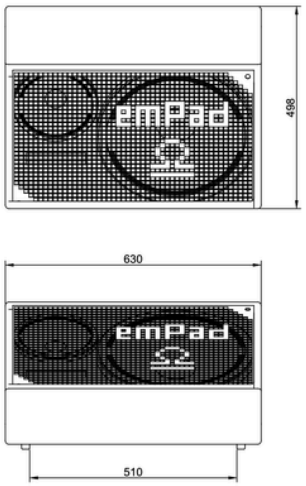
MS158 MKIII - Data Sheet
Stage Monitor







The EmPad MS158 is our entry level stage monitor; built around an 8-inch co-axial driver with a full size 15-inch driver for low end extension.

The co-axial driver ensures optimal phase response due to correct “on-axis” physical alignment of drivers whilst the 15-inch driver delivers tight and clean low frequency response for accurate low end monitoring.

The EmPad MS158 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 MS158s 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 MS158 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

MS158 MKIII - Data Sheet
Stage Monitor

ACOUSTICAL PROPERTIES	
Operating Frequency Range (Within + / - 3dB)	50 Hz - 18kHz
Maximum SPL	126 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 8-inch Cone Ferrite Driver.
High Frequency	A Single 1.25-inch Diaphragm Coupled Directly to the 8-inch Magnet Assembly.
PHYSICAL PROPERTIES	
Cabinet Dimensions (MM)	350 x 500 x 630
Cabinet Weight (KG)	30.5

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.