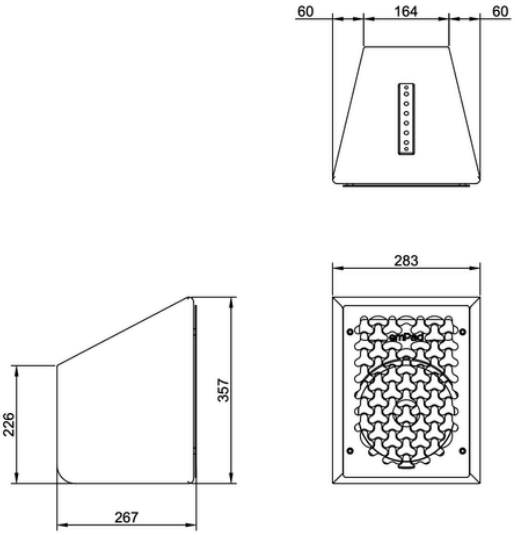
B8 MKIV - Data Sheet
Singularity Element





The EmPad B8 is a “point source” loud speaker built around an 8-inch co-axial driver.

Utilizing the shape of the cabinet we can mount the cabinet to the ceiling whilst wasting less height due to the sloped top of the loud speaker cabinet or it can be used upside down for monitoring applications. The angled side of the EmPad B8 ensures minimal interference between one B8 to the next when used in a horizontal array pattern.

Ideal as mains for near field applications, front fills, delays, monitoring or side fills. The EmPad B8 is an extremely flexible product capable of a multitude of scenarios.

The EmPad B8 MKIV comes standard with top rigging, allowing up to 2 EmPad B8 MKIV to fly on a single fly beam. Transition rigging beams from our Low Frequency Element loud speakers and wall mounted single cabinet solutions are also available. Please consult our EmPad B8 MKIV rigging documentation for further details.

Pole mounts accessories are available for the EmPad B8; utilizing the top mounting rigging block of the cabinet.

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

Up to 3 EmPad B8s are able to be powered on a single amplifier channel. Please consult our EmPad amplifier documentation for further details.

Made from European parts and ideas, the EmPad B8 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

B8 MKIV - Data Sheet
Singularity Element

ACOUSTICAL PROPERTIES	
Operating Frequency Range (Within + / - 3dB)	120 Hz - 18kHz
Maximum SPL	117 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	2 Way - Single Amped (Internal Crossover)
“Input” Speakon Connector (Neutrik NL4)	“Input” Pin 2 +VE and Pin 2 -VE Connects to the Internal Crossover with a Loop to Pin 2 +VE and Pin 2 -VE on the “Output”.
“Output” Speakon Connector (Neutrik NL4)	“Output” Pin 2 +VE and Pine 2-VE Looped from “Input”.
TRANSDUCERS	
Mid Frequency	A Single 8-inch Cone Ferrite Driver.
High Frequency	A Single 1.25-inch Diaphragm Coupled to Directly to the 8-inch Magnet Assembly.
PHYSICAL PROPERTIES	
Cabinet Dimensions (MM)	283 x 357 x 267
Cabinet Weight (KG)	13

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.