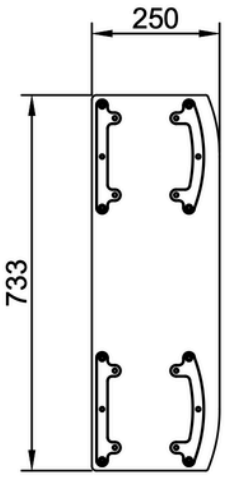
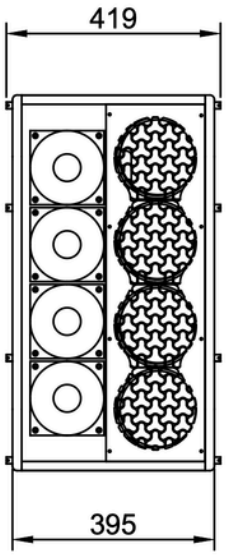
B28 MKIV - Data Sheet
Compact Line Array







Based on the EmPad B7; the B28 is essentially four EmPad B7s working together in a single cabinet. This reduces the height of the overall array when used in that configuration. More compact than two EmPad B7s together.

The EmPad B28 receives the same updates and revisions cycles as the EmPad B7. Our latest being the B28 MKIV. A very compact form factor that is highly efficient in it's specified frequency range. Delivering true and honest mid-highs at immense SPLs.

An extremely flexible product; capable of both line array and near field coverage applications. From high-impact clubs to large outdoor events and everything in between, the EmPad B28 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 B28 MKIV comes standard with rigging and is directly compatible with rigging to the EmPad B7 and B14 loud speakers. Transition rigging beams from our Low Frequency Element loud speakers and wall mounted single cabinet solutions are also available. Please consult our EmPad B28 MKIV rigging documentation for further details.

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

A single EmPad B28s is 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 B28 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

B28 MKIV - Data Sheet
Compact Line Array

ACOUSTICAL PROPERTIES	
Operating Frequency Range (Within + / - 3dB)	300 Hz - 20kHz
Maximum SPL	140 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 Connects to Internal Crossover, Pin 2 -VE Loops to “Output” Pin 2 +VE Speakon Connector.
“Output” Speakon Connector (Neutrik NL4)	“Output” Pin 2 -VE Connects to Internal Crossover. A Speakon “Termination” Plug is Required to Complete the Circuit.
TRANSDUCERS	
Mid Frequency	Four 7-inch Cone Neodymium Drivers.
High Frequency	Four 1.25-inch Diaphragm Drivers Coupled to Proprietary EmPad WG-MP Waveguide.
PHYSICAL PROPERTIES	
Cabinet Dimensions (MM)	419 x 733 x 250
Cabinet Weight (KG)	37.8

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.