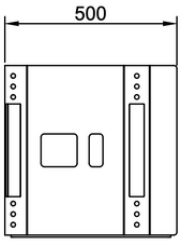
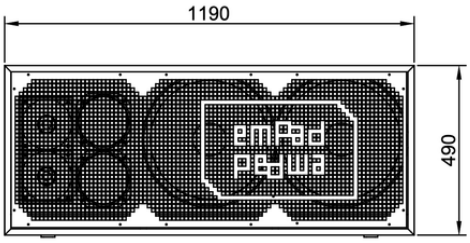
CC35 MKIV - Data Sheet
Full Range Line Array







The EmPad CC35 is a multi-application line array loud speaker. Built around the 7-inch mid driver and high driver coupled to our proprietary EmPad WG-MP waveguide. The EmPad CC35 is capable of delivering perfect vocal clarity at high SPLs with clean and tight sounding low end, supplied by our 15-inch neodymium drivers, for accurate low end reproduction.

An extremely flexible product capable of line array deployments; stacked or flown with it's touring-ready rigging. The EmPad CC35 is a reliable tool for any job.

The EmPad CC35 carries the same rigging hardware and physical dimensions as the EmPad B315 low frequency element; ensuring quick and easy rigging between cabinets without a transition beam.

With mirrored rigging, the EmPad CC35 is able to be flown upside down for the purpose of being able to position the mid/high section of the cabinet to be either on the inside or outside of a traditional L-R line array hang setup. Please consult our EmPad CC35 rigging documentation for further details.

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.

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

Up to three EmPad CC35s 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 CC35 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

CC35 MKIV - Data Sheet
Full Range Line Array

ACOUSTICAL PROPERTIES	
Operating Frequency Range (Within + / - 3dB)	35 Hz - 20kHz
Maximum SPL	135 dB
Useful Coverage Angle	90° x 90°
POWER HANDLING	
Nominal Impedance	4 Ohm LF - 16 Ohm M/H
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	Two 15-inch Neodymium Driver.
Mid Frequency	Two 7-inch Cone Neodymium Driver.
High Frequency	Two 1.25-inch Diaphragm Coupled to Proprietary EmPad WG-MP Waveguide.
PHYSICAL PROPERTIES	
Cabinet Dimensions (MM)	1190 x 490 x 500
Cabinet Weight (KG)	92

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.