



M28LA passive modular line array source features 2-way passive (bi-amp) design equipped with 2x8 inch

LF speaker in a port assisted horn loaded configuration allowing for increased sensitivity and SPL.

The multi cell LF horn configuration provides seamless inter-element coupling of the LF driver up to the crossover point.

HF section consists of one 1.75 inch annular diaphragm driver coupled to a proprietary wave guide.

The box configuration generates a symmetrical 90 degree horizontal coverage with no apparent lobes in its entire frequency range.

Each of the system elements can be curved up to 16 degrees without breaking the inter-element acoustic coupling.

M28LA line source element is made of premium grade Baltic birch plywood to provide maximum acoustical and mechanical integrity.

The system is designed to provide the specified performance in a group of minimum 4 boxes.

Each element has a nominal 16 ohm impedance and the system is driven by a dedicated amplifier and DSP units as a fully integrated system which provides clean undistorted power with a significant headroom and excellent system protection.

M28LA line source element is directly stackable on its dedicated **M4.18** suwoofer element.

PRODUCT DATA:

Usable bandwidth (-3db):	90Hz-20KHz (M28LA DSP settings)
Nominal directivity (-6db):	Horizontal: 90 degree symmetrical. Vertical: Deployment dependant.
Maximum system SPL:	147db (M28LA DSP settings) calculated for 4 boxes based on 106db 1W/1m sensitivity per element.
RMS handling capacity:	LF: 600W per element. HF: 80W per element.
Components:	LF: 2x8 inch water resistant. HF: 1x1.75 inch annular diaphragm compression driver
Nominal impedance:	Passive 16ohm
Rigging:	Polyester powder coated steel. Angle increments: 0,2,4,6,8,10,12,14,16
Physical:	WxHxD 700x290x500mm, Weight: 32kg
Material:	Baltic birch plywood. Connectors: 2x Neutrik NL4 Speakon
Finish:	Black textured water based coating

Trade Descriptions Act:

Due to MM-acoustics policy of continuing improvement, we reserve the right to alter these specifications without prior notice. MM-acoustics is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every MM-acoustics product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.