



MAELSTROM

Maelstrom is a 2-way active speaker designed to be a multi-room ceiling or Atmos speaker in a high output 'Fire' home cinema, where the seats are between 2-5m from the speaker. The entire speaker array is angled at 45 degrees, with 40 degrees of vertical dispersion and 100 split (60/40) degrees of horizontal dispersion.

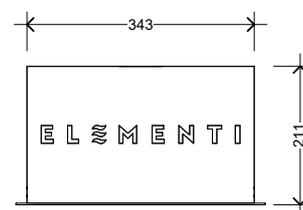
Maelstrom features a matching tweeter to our Firefly which has a unique ultra-wide horizontal dispersion tweeter, which means uniform coverage across a wide range of seats from a very small distance of even 1m. This unique ability makes Firefly a great Atmos speaker but also offers a huge soundstage when used as stereo system in high end multi-room audio systems. Due to its wide coverage, less speakers are required to provide a uniform sound field for 2-3 rows of cinema seating. Despite its compact size, Firefly has incredible dynamics, with an extremely high output neodymium 6.5" bass driver which is the hallmark of all Fire high-end series speakers and means this speaker can be driver off 250-1000 Watt amplifiers.

All Elementi speakers are digital active and benefit from floating 32 point DSP processing, digital crossovers, FIR filters with correction in the frequency and time domains, look forward speaker protection, high flow PASCAL amplifiers and high quality D/A converters. All amplifiers are specified with 3dB of headroom at maximum output to ensure there is no clipping or general distortion. Each speaker is custom tested and run in to ensure optimal performance out of the box.

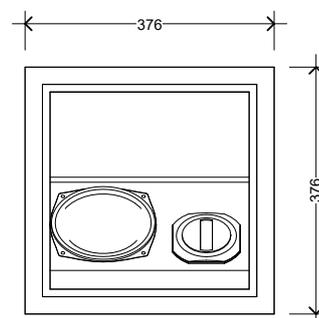


SPECIFICATIONS

DESCRIPTION:	2 Way Active
USE:	In-Ceiling/Atmos
ORIENTATION:	Horizontal
HF DISPERSION:	100° Horizontal & 40° Vertical
LF SECTION:	Dual 6.5" Neodymium
MD SECTION:	N/A
HF SECTION:	Horn Loaded 200mm Pleated Diaphragm Tweeter
AMPLIFICATION:	200-500W Module
FREQUENCY RANGE:	70-23,000Hz
CONTINUOUS/PEAK OUTPUT @1m:	124 + 3dB Headroom
DISTANCE FROM SEATS:	2-8m
IMPEDANCE:	LF 4/HF 8 Ohms
DIMENSIONS:	W:376 x D:376 x H:211mm



SIDE



FRONT