

GENERAL

High power general purpose active speaker with built in LEVELIZA and LIMITIZA systems, switchable for either maximum output as a mid/high speaker or for full range use for smaller events or monitors or any application requiring a compact full range solution.

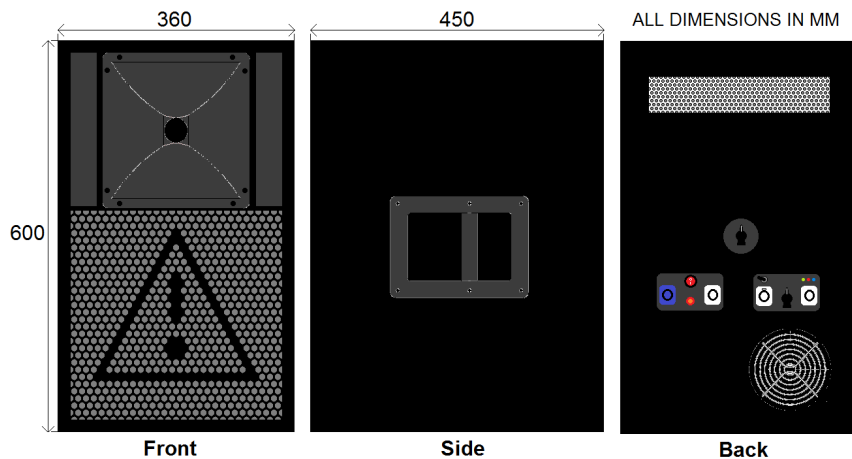
Totally unique in having a built in LEVELIZA system, and so is capable of transparently engineering itself to maintain its maximum average loudness at any preset level without pumping or spoiling the dynamic range of the music.

Additionally has its own dynamics processing and limiter systems and a unique LIMITIZA circuit. The LIMITIZA continually monitors all the limiters for activity and if the speaker is overdriven consistently it will slowly reduce the overall system gain to avoid continuous hard limiting. The LIMITIZA ensures the GENERAL maintains outstanding audio performance regardless of how hard it is overdriven, whereas other active speakers tend to sound "overdriven".



The GENERAL features:

- Switchable for full range use or mid/high use, and can be run from a full range signal.
- Inbuilt LEVELIZA for transparent level control & LIMITIZA for managing headroom & limiters at high SPL levels.
- Unique analogue signal processing that helps the unit to make the most of the music, producing a sound that is a pleasure to listen to and with negligible latency.
- Bi-amped with a total of 1.5kw RMS of high fidelity class AB power amplifiers, driving a high power 12 inch driver and 1.4 inch compression driver. Nominal dispersion 80w x 50h degrees.
- The units are all carefully hand built and tested in small quantities in our UK workshops, using only top quality materials.



Specifications:

Dimensions & Weight:	360w x 600h x 450d x 45kg approx
Mounting hardware:	35mm pole socket on base
Frequency response:	approx 50hz-20khz in full range mode or 150-20khz in mid/high mode
Amplifiers:	Bi-amped - Class AB - 1.2KW RMS low frequency and 0.3KW RMS high frequency
Power requirement:	230v, typically average up to 3amps, max approx 6amps
Connections on rear:	Signal via XLR in & link out. / Power via 20A Powercon connectors in & link out.
Controls on rear:	Input gain & Leveliza threshold adjustments, mode switch & power switch
Display on rear:	Green & Red signal indicators / Blue Leveliza/Limitiza active indicator / Red power indicator.