

DWARF

Very high audio quality ultra compact multi-purpose pro-audio active speaker system.

* In "**PA mode**" operates as a ultra compact full range PA speaker, with sufficient audio output for small events, bars and parties, etc.

* In "**HiFi mode**" operates at lower volume levels with a breathtaking HiFi audio quality and extended sub response down to approx 32hz.

* In "**Mid/Hi mode**" produces greater output level for use with separate bass speakers at larger events, while retaining an unusually HiFi audio quality.

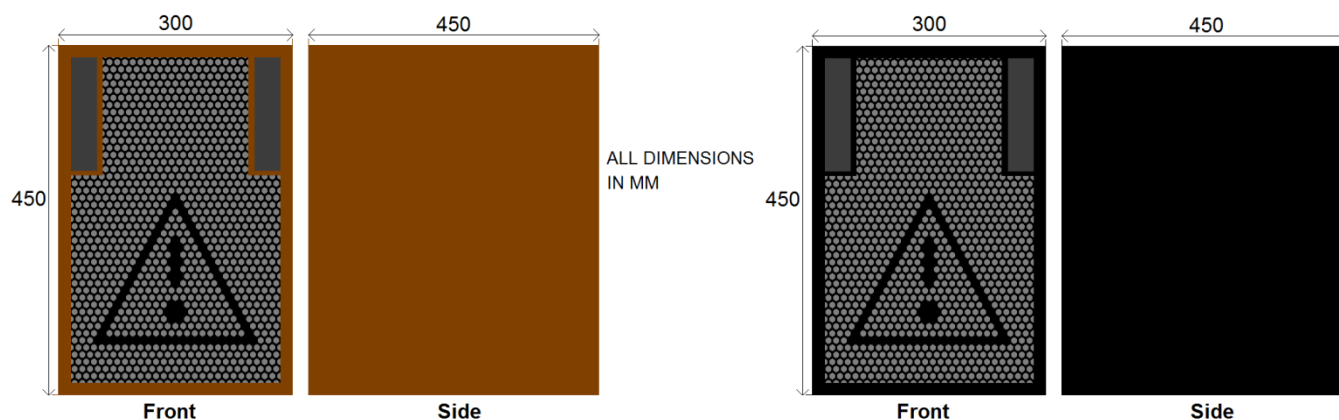
Features its own limiter systems and our unique LIMITIZA circuit. The LIMITIZA monitors the limiters for activity and if the speaker is overdriven consistently will slowly reduce input gain to avoid continuous hard limiting.

Features a unique automatic Dynamic Bass EQ system, which monitors the driver excursion and adapts the sub/bass response curve in real time to maximise bass/sub output while preventing mechanical driver overload.



The DWARF features:

- Adjustable for full range PA or mid/high or HiFi response, and can be run from a full range signal.
- Inbuilt limiters and LIMITIZA for managing headroom at high SPL levels.
- Unique analogue signal processing including automatic Dynamic Bass EQ system 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.
- Inbuilt high fidelity class AB power amplifier (0.4KW RMS), driving a high power 10 inch driver and 1 inch compression driver. Nominal dispersion 80 x 60 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:	300w x 450h x 450d x 25kg approx
Mounting hardware:	35mm pole socket on base
Frequency response:	approx 32hz-20khz in HiFi mode or 50hz-20khz in PA mode or 120hz-20khz in Mid/Hi mode
Amplifier:	Class AB - 0.4KW RMS
Power requirement:	230v, typically average up to 1 amp, max approx 2 amps. Other voltages available to order.
Connections on rear:	Signal via XLR inlet. / Power via 20A Powercon inlet.
Controls on rear:	Input gain & mode/response adjustment & power switch
Display on rear:	Blue power indicator / Red signal limit indicator