

The **TecnaRE SW118M** is a very powerful 1x18" vented subbass cabinet. It has been designed for all kinds of sound reinforcement: short, medium or long throw. The box houses rigging hardware to be used in array systems, such as **LA122** or **MiniArray**. It can be also used in combination with **V Series** or **IBZA One Series**.

The response given with this subwoofer is very deep, starting at 35 Hz. The cabinet has been tuned using the latest cad techniques.

The **SW118M** has built in proprietary hardware for simple, fast and safe rigging.

The enclosure has been made with the latest techniques assuring a perfect and rigid construction.

Weatherized finish is provided, as the cabinet is covered with rugged Durawound texture finish and protected with epoxy powder coating grills.

The system can be supplied in active Pcc version or passive one.

SW118M PCC is self-powered with one way amplification and is controlled with a DSP built inside. (**PCC Original** or **PCC Advanced Series**), with ten fully parametric eqs, delay, crossover points, compressors, gain controls, 30 band eq, phase response alignment circuitry, etc.

With the mouse of a small laptop, the sound engineer can vary in real time, any of the parameters on each of the speakers.

After starting **TECNARE** software, the system will identify the speakers connected to the net, showing them in the network window of the program. You only have to choose the speaker to be managed, and six different windows will be available for the sound engineer to control everything.



SW118M

The program allows the storage of as many presets as desired, which can be loaded any time, four of them without using the software, by only clicking on the rear panel.

With this way of operation, sound systems become far more flexible. A lot of patching can be avoided, reducing rack controls drastically. At the same time, equalization, crossovers, limiting, delay of each box no longer have to be the same, without the hieroglyphic needed to do that in a conventional way for a complex installation.

The system incorporates as standard a very powerful audio analyzer. The sound engineer can check the system's response, in spectrum or transfer mode, while modifying any of the various audio controls available on the system. It also incorporates a set-up screen, with an audio generator, markers for a delay measurement, and vu-meters.

Impulse response, phase response and polar plot analysis are also available.

Reinventing The Rules



SW118M ENGINEERING SPECIFICATIONS

Frequency Response: 35 Hz – 400 kHz
±4dB, measured on axys.

Nominal Dispersion: Not available.

Impedance: 8 Ohm.

Sensitivity: 98 dB (1w/1m).

Calculated Max Spl: 129 dB continuous/
135 Peak.

Power Handling:
1000 W nominal.
* 2000 W continuous.

Dimensions (HxWxD): 556x569x691 mm.

Net Weight: 54 kg selfpowered PCC
version.

Components: 1x18" LF driver.

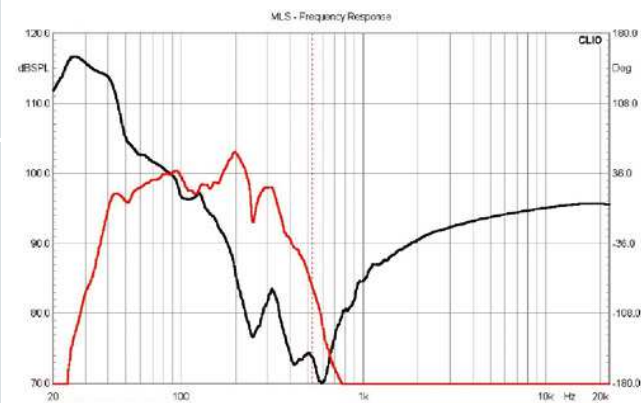
Construction:
18mm birch plywood. Finished in
black semi-matt textured Durawound
weatherized coating. One recessed
carrying handle.

Grille:
Powder coated perforated steel with
acoustically transparent reticulated foam.

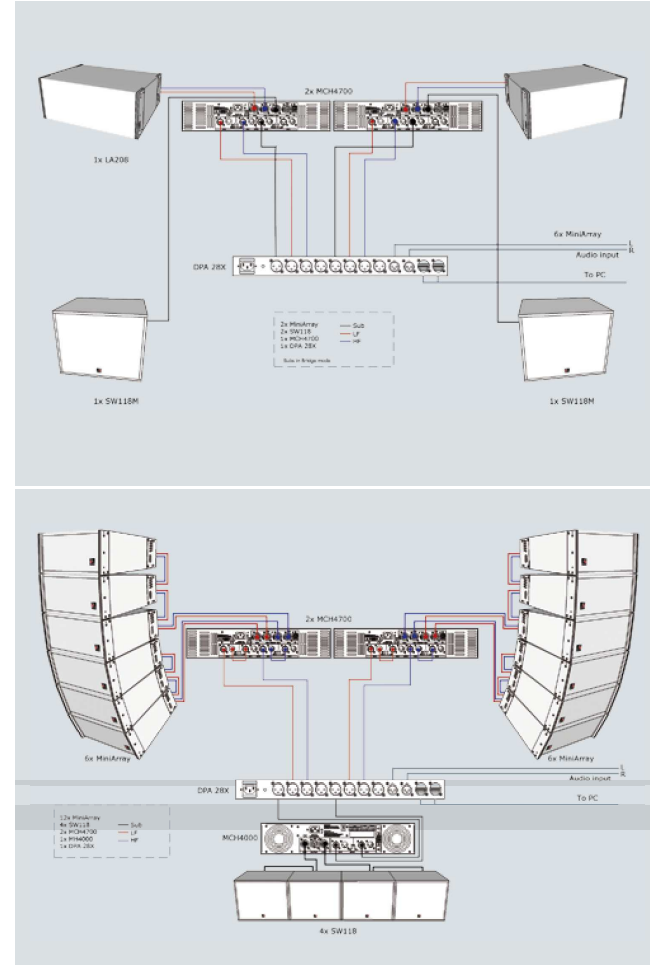
2 hours test made with continuous pink noise signal
[6 dB crest factor].
* Power calculated on rated minimum impedance.
* Power on Continuous Program is defined as 3 dB
greater than the nominal rating.

SW118M DATASHEET

FREQUENCY RESPONSE & MINIMUM PHASE



SW118M INSTALLATION DIAGRAMS



2x SW118M + 2x LA208

4x SW118M + 12x MiniArray