

SW118H

The **SW118H** is a folded horn loaded subwoofer designed for use in disco applications (night-clubs and portable), although it is also ideally suited for concert touring and festivals.

A high-velocity horn loading technique, gives a precise cone control, resulting in a deep and fast bass response at high power levels, with a very high sensitivity.

The response given with this subwoofer is very deep, starting at 40 Hz, but at the same time it delivers tremendous impact due its fast transient response.

The SW118H has built in proprietary hardware for simple, fast and safe rigging.

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

Weatherized finish is provided, as the cabinet is coated with rugged Durawound texture finish and protected with specially treated grills.

The **SW118H** can be supplied in active Pcc version or passive one.

SW118H PCC is self-powered with one way amplification and 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.

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.

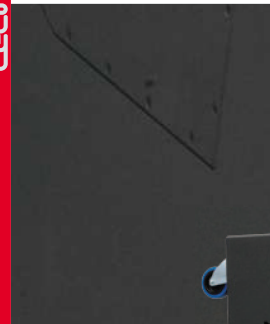
The system incorporates as standard a very powerful audio analyzer. The sound engineer can

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



SW118H ENGINEERING SPECIFICATIONS

Frequency Response: 40 Hz – 400 kHz
±4dB, measured on axys.

Nominal Dispersion: Not available.

Impedance: 8 Ohm.

Sensitivity: 103 dB (1w/1m).

Calculated Max Spl: 135 dB continuous
/140 dB peak.

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

Dimensions (HxWxD): 1020x520x920
mm.

Net Weight: 79 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.

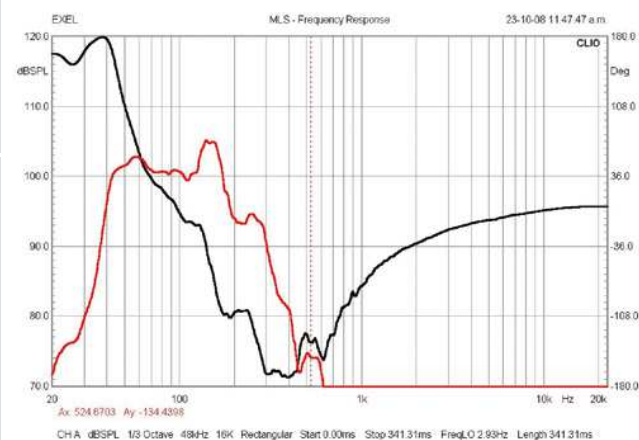
Grille:
Powder coated perforated steel with
acoustically transparent reticulated foam.

Flying Hardware:
M8 rigging points.

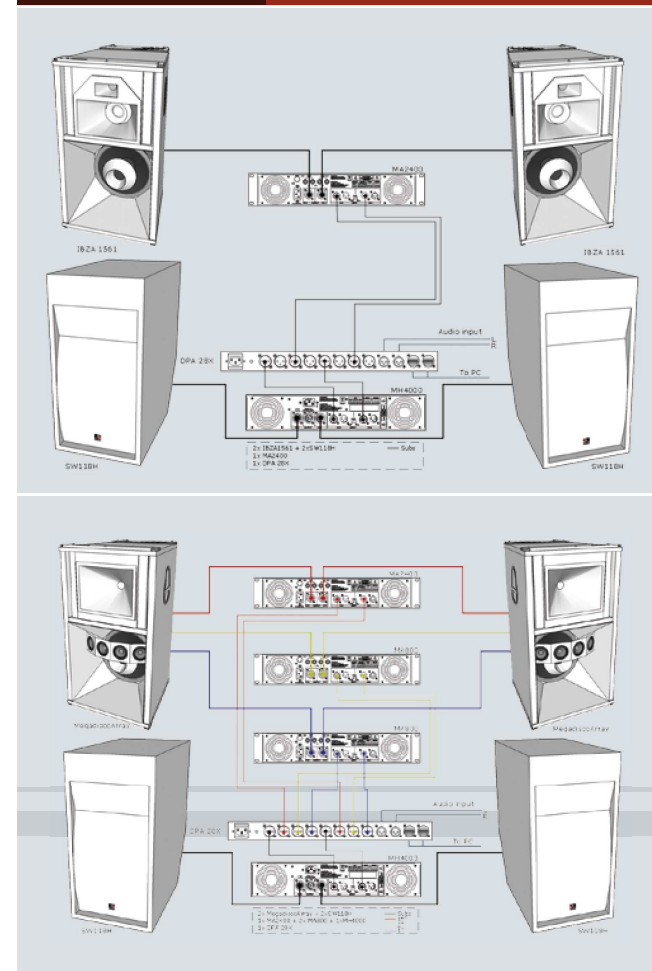
2 hours test made with continuous pink noise signal
[6 dB crest factor].
* Power calculated on rated minimum impedance.
* Power on Continuous Program is defined as 3 dB
greater than the nominal rating.

SW118H DATASHEET

FREQUENCY RESPONSE & MINIMUM PHASE



SW118H INSTALLATION DIAGRAMS



2x IBIZA 1561 + 2x SW118H

2x Megadisco Array + 2x SW118H

IBIZA ONE Series

tecnare sound systems

tecnare sound systems