

# SW12 Minisub

The **TecnaRE SW12Minisub** is a very powerful 1x12" low frequency loudspeaker enclosure. This vented subbass cabinet has been designed for small sound reinforcements, where box size matters. It consists of a 12" reflex-loaded low frequency driver in a birch plywood enclosure, optimally tuned for extended low frequency response. It can be used in combination with **IBZA6** or **10**.

The response given with this subwoofer is very deep, starting at 38 Hz. The cabinet has been tuned using the latest cad techniques.

The **SW12Minisub** 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 box can be supplied in active Pcc version or passive one.

**SW12Minisub 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, 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 much 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, on 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.



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## SW12 Minisub ENGINEERING SPECIFICATIONS

**Frequency Response:** 38 Hz – 500 kHz  
±4dB, measured on axys.

**Nominal Dispersion:** Not available.

**Impedance:** 8 Ohm.

**Sensitivity:** 94 dB (1w/1m).

**Calculated Max Spl:** 124 dB continuous  
/130 dB peak.

**Power Handling:**  
#700 W nominal.  
\*1400 W continuous.

**Dimensions (HxWxD):** 376x376x398 mm.

**Net Weight:** 25 kg selfpowered Pcc  
version.

**Components:** 1x12" LF driver.

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

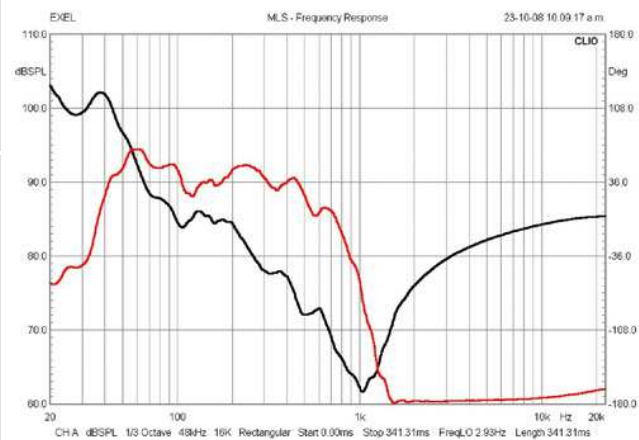
**Grille:**  
Powder coated perforated steel with  
acoustically transparent reticulated foam.

**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.

# SW12 Minisub DATASHEET

## FREQUENCY RESPONSE & MINIMUM PHASE



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## IBZA ONE Series



IBZA6 + SW12 Minisub