

The **V10** is a lightweight, flexible and multipurpose loudspeaker enclosure, designed for use in mobile or fixed sound reinforcement either as a main PA or as a stage monitor.

The design includes a powerful 3" voice coil 10" speaker CAD tuned into a vented box, and a 1" exit compression driver coupled to a rotatable 90°x60° cd horn to provide a smooth and clear high frequency reproduction.

Flying hardware provision, handles and a recessed floor stand socket are included as standard.

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 system can be passive (**V10**), or self-powered with remote PC control (**V10 PCC**).

V10 PCC is self-powered with two 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



V10

TECNARE software, the system will identify the speakers connected to the net, showing them in the network window of the program. It is only necessary to choose the speaker to be managed, and four different windows will be available for the sound engineer to control everything.

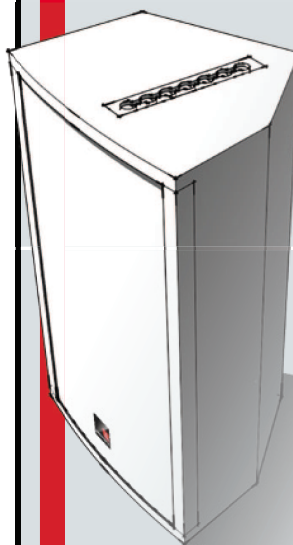
The program allows the storage of as many presets as desired, which can be loaded at any time, four of them without using the software, by only clicking on the rear panel.

Through this technique of operating, sound systems become much more flexible. A lot of patching is avoided reducing rack controls drastically. At the same time, equalization, crossovers, limiting, delay, etc of each box no longer has to be the same, without the hieroglyphic needed to do that in a conventional way with 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



V10 ENGINEERING SPECIFICATIONS

Frequency Response: 52 Hz – 20 kHz
±4dB, measured on axys.

Nominal Dispersion: 90°H x 60°V@-6db points. Rotatable horn allows swap of horizontal and vertical pattern.

Impedance: 8 Ohm.

Sensitivity: 97 dB (1w/1m).

Calculated Max Spl: 124 dB continuous/130 Peak.

Power Handling:
#350 W nominal. *700 W continuous.

Dimensions (HxWxD): 525x340x290 mm.

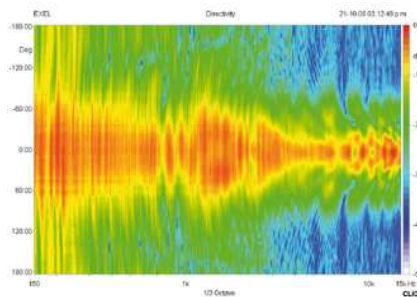
Net Weight: 20 kg selfpowered PCC version.

Components: 1x10" LF driver, 1x1" HF driver on a rotatable exponential horn.

Construction:
16mm 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.



Reinventing The Rules

A technical drawing of a long, thin metal plate, likely a component of a mechanical assembly. The plate is white with black outlines. It features a central hexagonal nut and two circular holes, one near each end. The plate is shown at an angle, with a hatched area at the bottom left corner.

LP-V and **L-V** in V10

L-V10 and LP-V