



T122-P

Active Two-way Loudspeaker

Application:

PA systems for clubs, bars, restaurants, music bands, indoor and outdoor usage.

12", 500 W speaker **LAVOCE Italiana** with ferrite magnet

1", 60 W HF driver **B&C Speakers**

Maximum Output SPL
127 dB SPL

Frequency range 52 Hz– 18 kHz

Coverage 90°H x 40°V

Flange for speaker stand

6 Mounting holes M10

Built-in D class amplifier (700 W + 350 W) with **DSP** engine

Bi-Amp mode with separate amplifier for each frequency band and **FIR** signal processing

LCD display for information output and system setup

USB port for system setting by personal computer

Built-in noise generator for live sound setting

System menu for change sound setting: level, EQ and delay

Intuitive navigation through the system menu by means of encoder

Ability to save 10 user presets



Active two-way loudspeaker **T122-P** – is a combination of high-efficiency speakers (**LAVOCE Italiana** 12" LF speaker and **B&C Speakers** 1" HF driver with voice coil 1.7") and amplifier with **DSP** engine.

The **T122-P** is made of birch plywood with black water-polymer coating (other colors available). The sloping rear corners of the cabinet reduce internal reflections and prevent the occurrence of a standing waves. The front panel of the loudspeaker is covered with a decorative steel grid with powder coating. Additional protection against moisture is provided by acoustically transparent foam, glued to the inner surface of the grid.

Built-in amplifier is installed to insulated compartment to the rear.

Two ergonomic handles are located on the sides; stand flange for installing to the speaker stand is located on the bottom wall.

Due to 6 mounting holes M10 the loudspeaker can be mounted at any position.

The loudspeaker is equipped with individual amplifier for each frequency band.

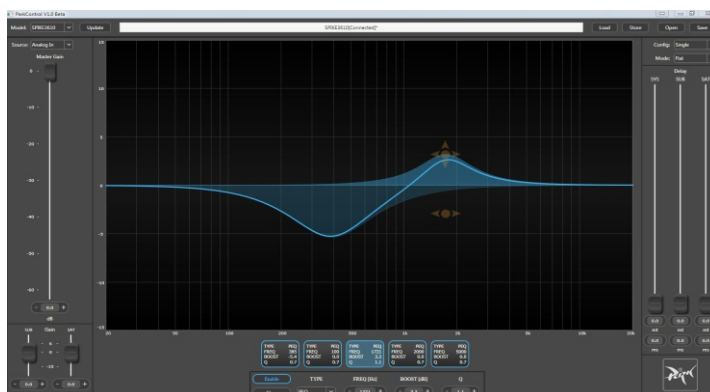
The amplifier has **DSP** engine, which provides functions of crossover, optimal EQ, time alignment, limiting and speakers overload protection by means of fine tuned peak and RMS limiters.

As a result, flat frequency response, clear and transparent sound and near flat phase characteristic.



The amplifier line input (XLR female) and output (XLR male, parallel to input) are symmetrical.

The amplifier has possibility to set some parameters: modes, signal delay, EQ setting, creating user presets, etc.).

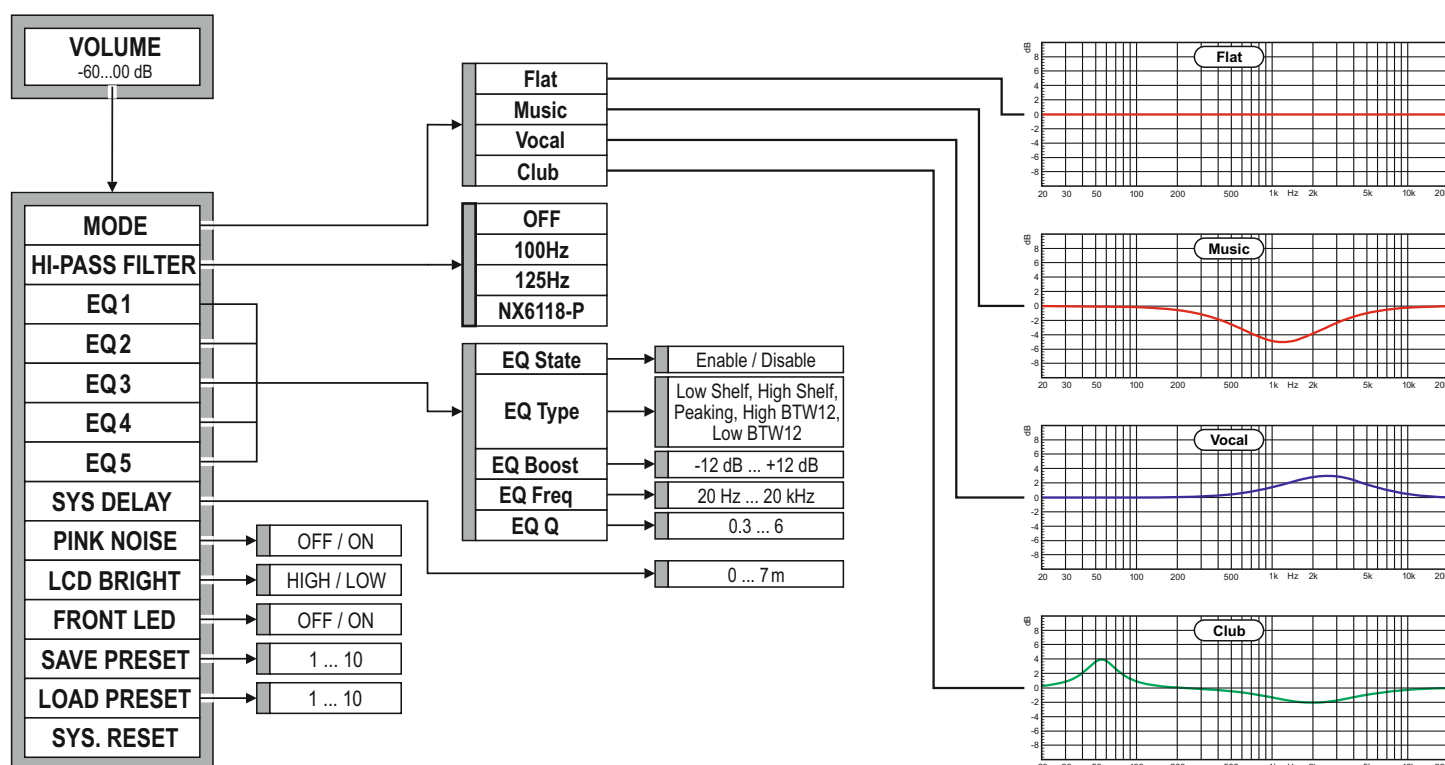


The system setting is performed by **ParkControl** software either via personal computer or via system menu with information output to LCD display of the built-in amplifier. The amplifier is connected to computer via USB-interface. Intuitive navigation through the system menu is performed by encoder.

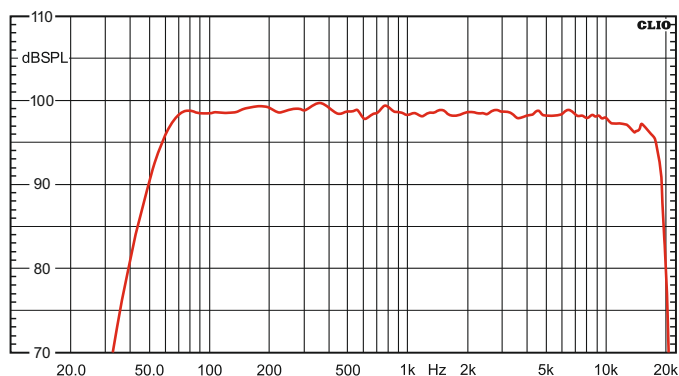
The amplifier is equipped with switching power supply and forced cooling system.

The amplifier is also has overload, short-circuit, thermal and DC output protection.

SYSTEM SETTING MENU



LOUDSPEAKER FREQUENCY RESPONSE



TECHNICAL DATA

Loudspeaker

Configuration and acoustic design

Active two-way loudspeaker

Trapezoidal cabinet, bass reflex

LF Driver:

12" dia **LAVOCE Italiana**, voice coil 3"

HF Driver:

1" dia **B&C Speakers**, voice coil 1.7"

Specifications

Power Handling (nominal/continuous):

– HF **60 / 120 W**

– LF **500 / 1000 W**

Frequency Range **52 Hz – 18 kHz**

Coverage **90°H x 40°V**

Maximum Output SPL **127 dB/ 1m ***

Weight **26.5 kg**

Dimensions **375 (w) x 575 (h) x 390 (d) mm**

Built-in Amplifier with DSP engine

Power Rating (RMS) **700 + 350 W, class D**

Sensitivity **775 mV**

Input Impedance **10 kOhms**

Signal-to-Noise Ratio **98 dB (unweighted)**

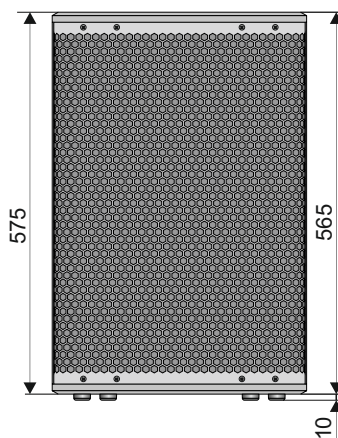
Input/line output **XLR/XLR**

Power Requirements **~220/230 V, 50/60 Hz**

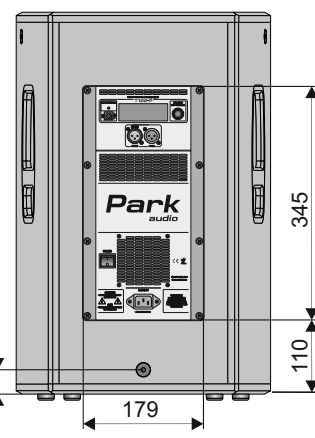
Note.

* Maximum output SPL indicated. For comparison purposes and in accordance with common industry practice, maximum SPL specifications are calculations based upon transducer sensitivity, amplifier output voltage and speaker impedance.

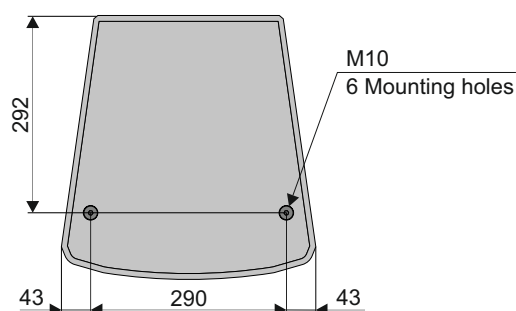
Front view



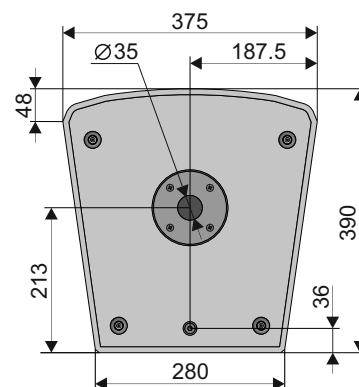
Back view



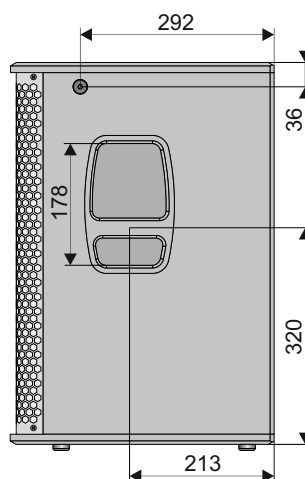
Top view



Bottom view



Side view



Side view

