



T141-P

Application:

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

14", 500 W Neodymium Speaker
(B&C SPEAKERS)

1", 60 W HF Driver (B&C SPEAKERS)

Maximum Output 127 dB SPL

Frequency Range 44 Hz - 18kHz

Coverage 90°H x 40°V

Flange for Installation
to the Speaker Stand

6 Mounting Holes M10

Built-in Class D amplifier \
(700 W + 350 W) with **DSP** Engine

Bi-Amp System with
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:
levels, EQ, separate components delay and
general system delay

Intuitive navigation through the system
menu by means of encoder

Ability to save 10 user presets

Active Two-way Loudspeaker



Active two-way loudspeaker **T141-P** is based on high efficiency speakers from **B&C SPEAKERS** (14" neodymium speaker + 1" HF driver with 1.7" voice coil).

The **T141-P** cabinet is made of high-quality birch plywood. The sloping side walls of the cabinet reduce internal reflections and prevent the occurrence of a standing waves. The cabinet has black water-polymer coating (other colours available). The front panel of the loudspeaker is covered with a decorative protective 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 on insulated compartment to the rear. The amplifier is equipped with forced cooling system and switching power supply.

Two ergonomic handles, located on the side walls, provide convenient carrying. Stand flange is located on the bottom wall.

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

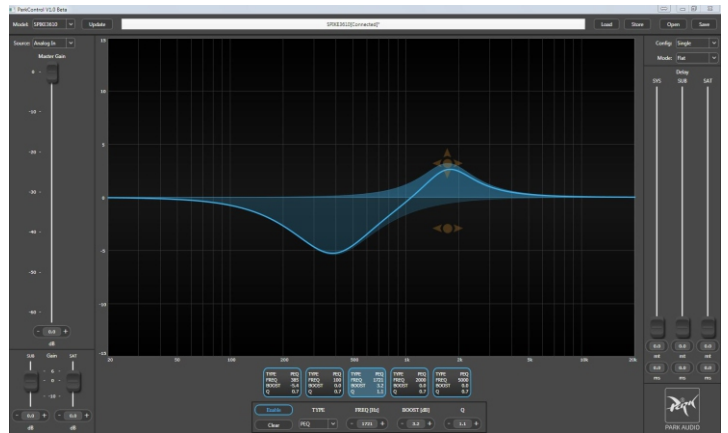
The loudspeaker works in **Bi-Amp** mode with separate amplifiers for each frequency bands.

The **DSP** engine, installed into the amplifier, performs the functions of **FIR** crossover and **EQ**, time alignment, limiting and speakers overload protection. As a result, flat frequency response, clear and transparent sound and practically ideal linear phase characteristic.



The amplifier has balanced line input (**XLR** female) and output (**XLR** male, parallel to input).

The amplifier has ability of setting various parameters: modes, signal delay, EQ, creating presets, etc.) The system settings (configuration,

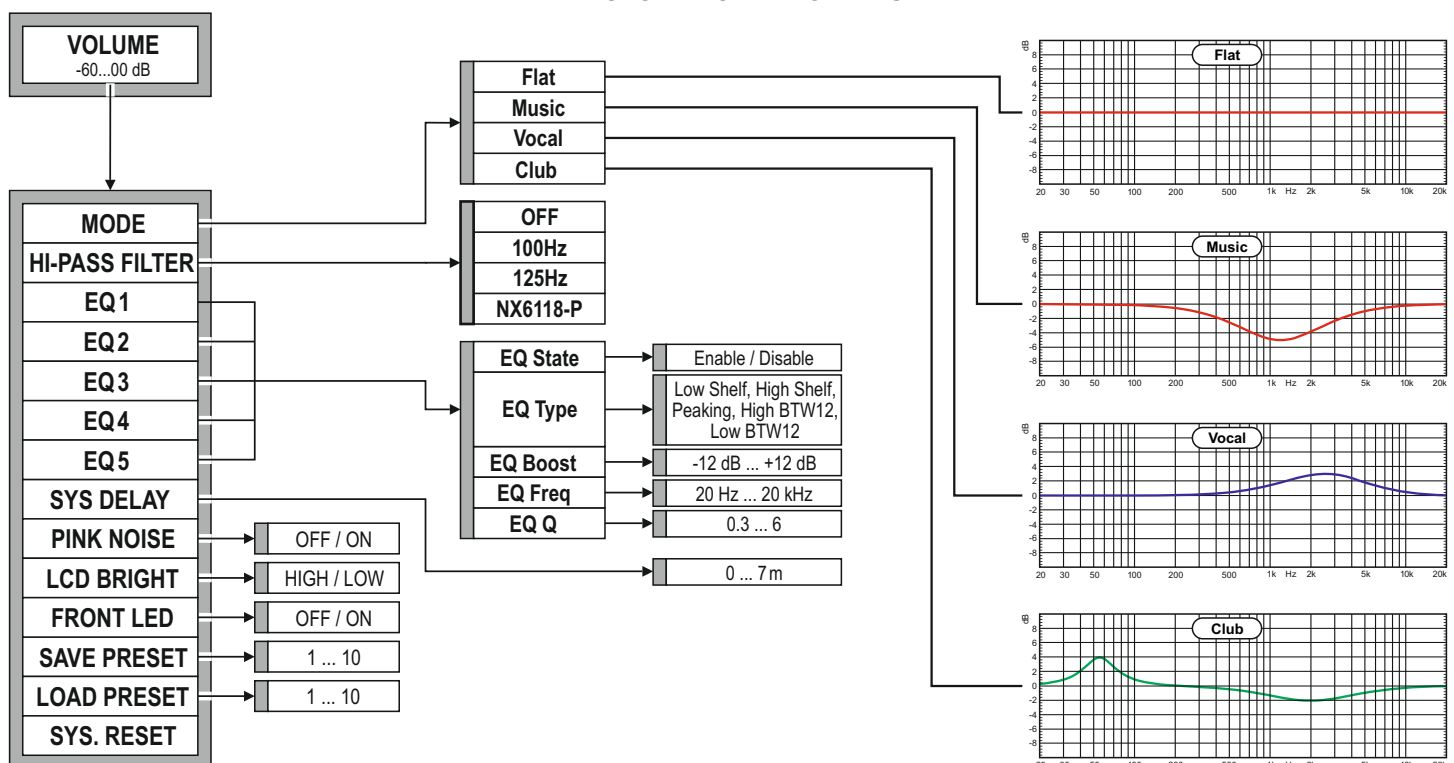


modes, EQs, delay, user presets, etc.) are performed by **ParkControl** software via personal computer. The amplifier is connected to the computer via USB.

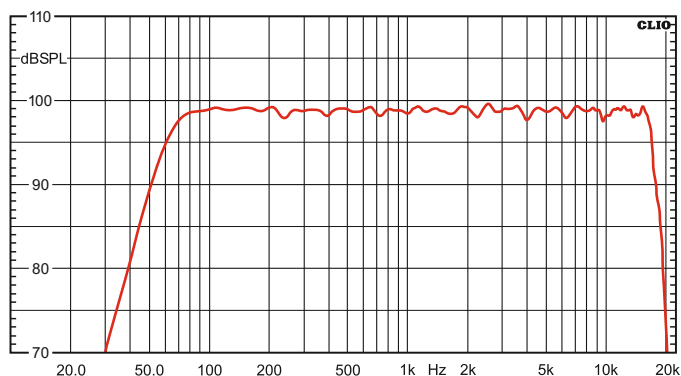
Besides, the system settings can be done via system menu on the LCD display of the built-in amplifier. Intuitive navigation through the system menu is performed via encoder

The amplifier has switching power supply and forced cooling system with smoothly variable intensity.

SYSTEM SETTING MENU



АЧХ ГРОМКОГОВОРИТЕЛЯ



TECHNICAL DATA

Loudspeaker

Configuration and Acoustic Design

Active two-way loudspeaker.

Trapezoidal housing, bass reflex.

LF Driver:

14" dia B&C SPEAKERS, 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 44 Hz - 18 kHz

Coverage 90°H x 40°V

Maximum Output SPL 127 dB/1m*

Weight 28.5 kg

Dimensions 440 (W) x 700 (H) x 430 (D) mm

Built-in 2-channel 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

Cooling System forced**

Power Requirements ~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.

