

MANUAL - APS COAX 2

STUDIO MONITOR WITH COAXIAL SPEAKER DRIVER

Congratulations on your purchase!

The function of this monitor is primarily - point source sound, full control, naturalness, precise localization of vocals and instruments.

Coax 2 monitors should be in accordance with the rules applicable in multi-channel systems. For example, in a stereo system: the sound engineer and monitors should be located on the vertices of an equilateral triangle. Coaxial loudspeakers should be aimed at the head of the sound engineer.

Avoid flat surfaces that would reflect the sound (console, tabletop, or wall). It is also worth ensuring free access of air to the heat sink, which is the back plate of each monitor.



Before connecting to the mains, check that the mains voltage is compatible with the Coax 2 115V or 230V version, so as not to damage the monitor.

GROUND LIFT is best to disconnect at the beginning, i.e., disconnect the ground of the devices from the ground. In case of problems with hum or noise, it is worth choosing the appropriate setting.

A balanced cable with an XLR or TRS plug can be used to feed an analog signal to INPUT. The OUTPUT loop allows you to pass the signal further, for example to the Coax 2 Bass Extender.

The VOLUME 0dB setting means that the monitor will play 100dB SPL at 1m with 0dBu input signal. It is worth setting the sensitivity so as to take advantage of the full dynamics of the sources. High tones can be fine tune with the TWEETER dB switch.

The RCA socket called EXTENDER LINK is a bypass socket, which only affects the high pass filtering of Coax 2. By default, the monitor has the SPL characteristic of a loudspeaker in a closed housing in the bass range. When the RCA socket is short-circuited with an external controller, e.g., a pedal, the high-pass filter is activated. Then the Coax 2 woofer is relieved, and the bass is taken over by the Coax 2 Bass Extender (also switched on with the controller). In the absence of a controller, you can use a shorted RCA plug.

Coax 2 is an atypical monitor with coaxial loudspeakers in a compact closed housing. So, it is irreplaceable in many tasks. Due to its idea, it is not intended to reproduce deep bass at high sound levels.

For this reason, the Coax 2 Bass Extender has been specially developed and matched for the Coax 2, separate for each channel. It is not a classic subwoofer, but a perfectly tuned amplitude-phase third track, responsible for bass. Like Coax 2, it also uses a compact closed housing.

Coax 2 can be connected to the mid-treble mode via the EXTENDER LINK jack. In such a mode, thanks to the reduction of currents and deflections of the vibrating system of the mid-woofer, the readability of the midrange, which is already of high quality, is further improved.

A glowing logo on the front of the monitor means it is turned on. Logo flashes red and / or green when low-mid and / or tweeter power amplifiers are distorted.

Enjoy!
APS