

SUPER-X[®] PRO CX2310

SUPER-X[®] PRO



User's Manual

Version 1.0 March 2001

ENGLISH



SAFETY INSTRUCTIONS

CAUTION: To reduce the risk of electric shock, do not remove the cover (or back.) No user-serviceable parts inside; refer servicing to qualified personnel.



WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.



This symbol wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure—voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Read the manual.

DETAILED SAFETY INSTRUCTIONS:

All the safety and operation instructions should be read before the appliance is operated.

Retain instructions:

The safety and operating instructions should be retained for future reference.

Heed Warnings:

All warnings on the appliance and in the instructions should be adhered to.

Follow instructions:

All operation and user instructions should be followed.

Water and Moisture:

The appliance should not be used near water (e.g., near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, etc.)

Ventilation:

The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

Heat:

The appliance should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.

Power Source:

The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

Grounding or Polarization:

Precautions should be taken so that the grounding and polarization means of an appliance is not defeated.

Power Cord Protection:

Power supply cords should be routed so they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.

Cleaning:

The appliance should only be cleaned as recommended by the manufacturer.

Non-use Periods:

The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time. Debris and

Liquid Entry:

Care should be taken so that debris and/or liquids do not enter the enclosure through openings.

Damage Requiring Service:

The appliance should be serviced by qualified service personnel when:

- The power supply cord or the plug has been damaged; or
- Debris or liquid has entered the appliance; or
- The appliance has been exposed to rain; or
- The appliance does not appear to operate normally, or exhibits a marked change in performance; or
- The appliance has been dropped, or the enclosure damaged.

Servicing:

The user should not attempt to service the appliance beyond that which is described in the operating instructions. All other servicing should be referred to qualified service personnel.

2.1 Stereo 2-Way Operation with separate subwoofer signal

First, activate the 2-way mode using the MODE switch on the rear panel (switch depressed). The STEREO LED on the front panel above the LOW CUT switch in the second channel lights up.

The LED is above the active control on the front panel that lights up. They show you which controls are active for the mode of operation which you have selected. The function of these controls can be seen from the second strip label. In stereo operation the functions of both channels are identical, so that the numbers on the overview are shown for only one channel.

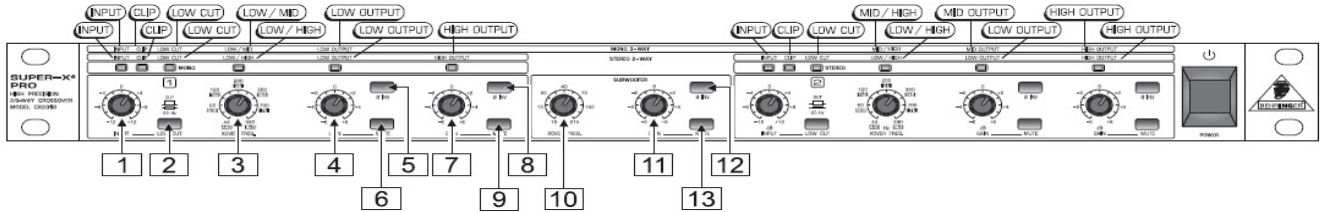


Fig. 2.1: Active control elements on the front panel of the SUPER-X PRO in stereo 2-way operation with separate signal subwoofer.

- 1 INPUT control.** This control adjusts the input gain over the range from -12 to + 12 dB.
- 2 LOW CUT switch.** This switch activates the 25 hz high-pass filter. It has a side gradient of 12 dB/octave and is used to protect your bass loudspeaker.
- 3 LOW/HIGH XOVER FREQ. control.** This control governs the crossover frequency between the low and high bands.
- 4 LOW OUTPUT control.** Controls the output level of the low band over the range from -6 to + 6 dB.
- 5 LOW PHASE INVERT switch.** This switch reverses the polarity of the low output.
- 6 LOW MUTE switch.** This is used to mute the low band.
- 7 HIGH OUTPUT control.** This controls the output level of the high band over the range from -6 to + 6 dB.
- 8 HIGH PHASE INVERT switch.** This switch reverses the polarity of the high output.
- 9 HIGH MUTE switch.** This is used to mute the high band.
- 10 XOVER FREQ. control.** This control governs the crossover frequency between the low signal and the subwoofer signal (10 to 235 hz).
- 11 GAIN control.** This is used to set the subwoofer output volume at the SUBW. OUT output.
- 12 PHASE INVERT switch.** This switch reverses the polarity of the subwoofer output signal.
- 13 MUTE switch.** This mutes the subwoofer output signal.

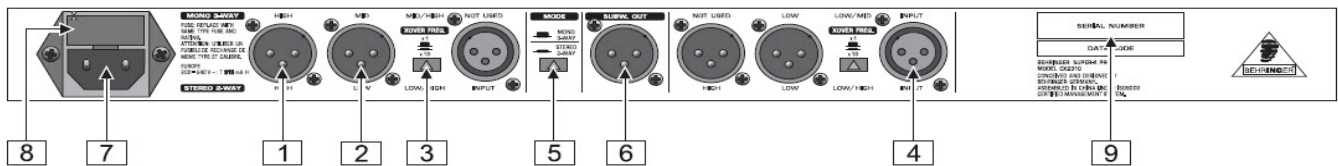


Fig. 2.2: Active control elements and connections on the rear panel of the SUPER-X PRO in stereo 2-way operation with separate signal subwoofer.