AUDIONET

User's Manual

Pre - Amplifier

PRE

How to operate the Audionet PRE

Audionets PRE is a high performance audio pre-amplifier. This system is designed for absolutely natural music reproduction and for highest user comfort.

The following will give you all information about how to operate your PRE. Please read this carefully before the first use. Following these instructions, your PRE will give you long-lasting pleasure and satisfaction.

I) Connecting the system

Power supply

Please connect the power jack (1) at the rear with your wall outlet (Please refer to page 8). Use the provided powercable or another one allowed for your homecountry specifications.

NOTE:

The power specifications (2) on the rear must meet to your homecountry specifications.
The mains-button (3) at rear must be switched off.

Audio sources

PRE is a very sensitive system. Please ensure that all used connector cables are in absolutely best condition.
For connecting or removing audio sources, PRE has to be switched off (stand by-state) or must be muted.

Inputs

PRE has one balanced and five unbalanced high level inputs (4). Due to the dual mono construction, left and right inputs are separated at the rear. Please connect left and right inputs to the corresponding outputs of the designated high-level sources, like CD-player, D/A-converter,…

Outputs

PRE has two balanced as well as one line and one inverted unbalanced outputs (5) for connecting power-amplifiers.
Please connect left and right channel to the corresponding inputs of your power-amplifier. If bi-amping is desired, please use the two balanced or the line and the inverted outputs. In the second case, you have to change the loudspeaker polarity of the one amplifier, that is connected to the inverted PRE-outputs (change plus to minus and minus to plus). If you are unsure, your dealer will help you.

recording systems   To prevent any negative influence on the signal, PRE has no regular tape monitor loop or a rec out selector.
For recording please connect the inputs of your recording system, like DAT or tape-deck with the monitor outputs (6) of PRE. When the recorder is connected to the monitor outputs, for playing back you must use inputs No. 6 of the PRE.
When input No. 6 is selected and active, the monitor outputs are always switched off. This is necessary to prevent destructive oscillation of PRE and recorder. Therefore Input No. 6 can not be used for a signal source, which should be recorded.
When inputs No. 1 to 5 are selected, the monitor outputs are always on. You are free to use these inputs for playback, when the recorder is not connected to the monitor outputs or the recorder inputs are connected elsewhere.

Audionet-link   In combination with Audionets AMP I or / and DAC the PRE can switch on and off the whole system. Please connect the Audionet link (7) on the rear with a Toslink optical fibre cable to the Audionet link of AMP I or / and DAC.

II) Switching on and off the mains

PRE is designed as a stand by-unit. To bring PRE into the stand by-state, please press the mains power switch (4) on the rear. PRE will be in the stand by-state displaying "Audionet".
To switch off the mains is only necessary in cases of longer absence like holidays. For switching off please press again the mains power switch on the rear. Looking from above, the switch now shows you a "0" and the display turns off.

NOTE:

PRE is a microprocessor controlled unit. Due to this, all systems connected with the outputs must be off and powered down when PRE is to be switched on or off the mains at the rear. Otherwise PRE could destroy your power amps and loudspeaker systems.

III) Operating the system

All functions of the PRE are completely microprocessor controlled. This guarantees highest precision, exclusive functions, easy operation and protection against operational faults.

Switching on and off in the stand by state

For switching PRE on, please press the **power** button at the front panel. PRE needs 10 sec. for waking up and then works. PRE will come up softly.
To switch the PRE off, please press the power button again and the PRE needs 10 sec. for going to sleep and then will remember all your latest settings.
When switching on and off at the front panel or with the remote control you do not have to care about your other systems.

Setting the volume level

To set the desired volume, please turn the magnetic buffered **volume** knob at the front panel. This is an incremental impulse unit without a stop.
Please turn clockwise if higher and counterclockwise if lower volume is desired.
PRE shows you the master volume with a range from -80 dB to +10 dB in the display. This are real 1 dB-steps relatively to the input signal. To adjust the volume-offset, please read „programming" (page 4).

Selecting the inputs

PRE has a soft input select function. Please press the **input** button at the front panel to select one of the six inputs. PRE sequentially selects the inputs from No. 1 to No. 6 on every touch. When changing the input, PRE regulates volume down to -80 dB, mutes the outputs, switches the inputs, activates the outputs and finally regulates volume up to the level before. How to change the sequence of inputs please read „programming" (page 4).

Muting

PRE has a soft mute function. If desired or necessary to mute PRE, please press the **mute** button at the front panel.
When muting, PRE regulates volume down to -80 dB and then switches off the outputs. If you press the mute button again, PRE activates the outputs and regulates the volume up to the level before. If you change the inputs in the muted state, please press the mute button again as before. In this case the volume level will stay at -80 dB. Now you have to set the volume with the volume knob. This is provided to protect you from unexpected levels of signal-sources, which may be much louder as the one before.

Programming

PRE is programmable for functions providing you with new and easy possibilities to adjust the system to your needs.. All individual settings will be remembered, also when PRE will be switched off the mains. You can programme the following:

∗ The balance can be adjusted due to individual conditions

∗ Inputs, which usually have different signal level, can be adjusted to the same volume

∗ Inputs can be given an individual name, e.g. "CD1", "CD2", "Darling" etc.

∗ The inputs No. 1 to 6 at the rear can be given a new channel number. You can create a new channel sequence, which you can select with the input button at the front panel or the remote control.

Display   The two line alphanumeric display will give you all information you need about settings:

∗ First line: channel, given name of the channel, assigned input

∗ Second line: master volume level, programmed volume level offset

For selecting the function, which should be programmed, please press the **set** button at the front panel.

For programming, please do the following:

Balance   1) Push the set button once for a short time.

2) Turning the volume knob clockwise decreases the level of the left channel, turning counterclockwise will decrease the right channel's level.
The level of every channel can be decreased up to 9 dB. The setting is displayed numerically and by arrows.

3) Push the set button four times to leave the programming menu or once for 'volume offset' and continue with step 3) of the following

Volume offset

1) Select the channel to be adjusted

2) Push the set button twice for a short time. The display shows you a flashing character on the display at "programmed level offset"

3) Turn the volume knob to adjust the desired level. This is possible within a range of +/- 6 dB to the master volume

4) Push the set button three short times to exit or once for 'name programming' and proceed with step 3) of the following

Name programming

1) Select the channel to be given a new name

2) Push the set button three short times. You will see a cursor under the first character of the name

3) Turn the volume knob and set the first character, number or sign, which is required for name

4) Push the mute button once. The display now shows the cursor under the second character

5) Turn the volume knob as described in step 3
...and so on. All in all you can set 10 characters

6) Push the set button twice to exit or once for changing the 'input sequence'. If so, proceed with step 3) of the following.

Input sequence

1) Select the channel, which a new physical input should be assigned to.

2) Push the set button four short times

3) Turn the volume knob and set the physical-input-number, to which the desired source is connected.

4) Push the set button once to exit

Note:

If no changes are made for 10 seconds, the PRE will automatically exit the programming menu.

Dimming the display

The display can show you its information with three states of brightness: Bright, normal and off. To set this please push the set-button for longer than two seconds.

Nevertheless, in the display off-state the following is shown
∗   the mute-state
∗   changing the inputs (for a few seconds)
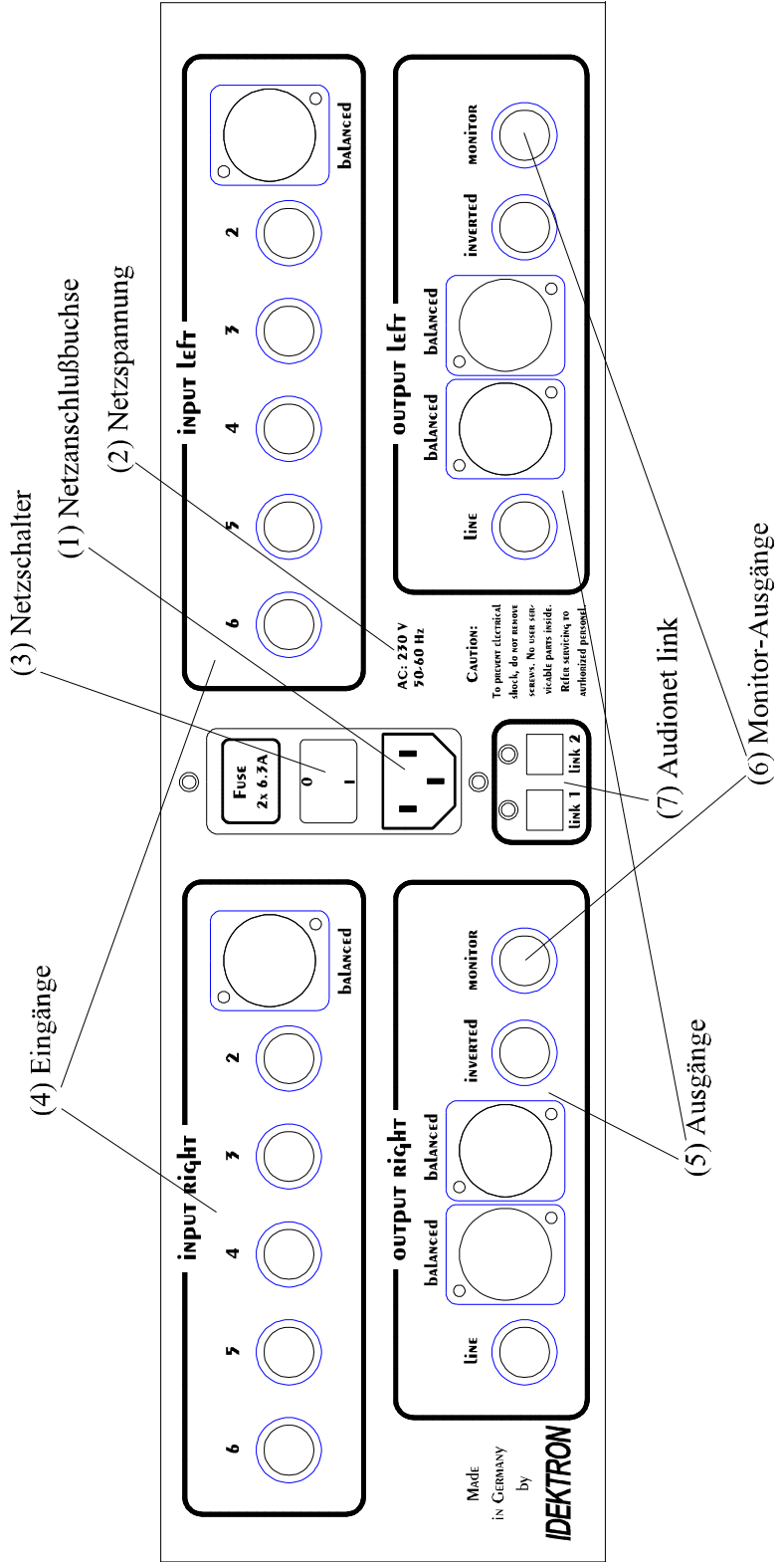∗   all programming works

IV) Using the remote control

All functions of the PRE can be operated by Audionets remote control in the same way as described for the front panel.
Please push the corresponding buttons of the remote control unit.
Using the remote control the inputs can be directly selected. For setting the volume level, please push + or - of the remote control volume button pair

V) Rear view

Geräterückseite Audionet PRE

(1) Netzanschlußbuchse
(2) Netzspannung
(3) Netzschalter
(4) Eingänge
(5) Ausgänge
(6) Monitor-Ausgänge
(7) Audionet link

VI) Security advices

∗ Avoid packaging material, especially plastic bags, to come into children's hands.

∗ Store and operate the unit in a dry room at a reasonable room temperature

∗ Avoid moisture or any liquid to get into the unit

∗ Set up the unit in a free position so that the air is allowed to flow through the unit slits,

∗ **Do not cover**, e.g. with a blanket

∗ **Do not open** the case. Unauthorised opening will cause loss of guarantee.

∗ Use a dry cloth for cleaning