




## clearaudio basic V2 Phono Preamplifiers User Manual

[Home](#) » [clearaudio](#) » clearaudio basic V2 Phono Preamplifiers User Manual 



Loving music

**User manual  
basic V2**



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## Contents

- 1 basic V2 Phono Preamplifiers
- 2 Safety instructions
- 3 Package contents
- 4 Setup
- 5 Troubleshooting
- 6 Technical Data
- 7 WARRANTY
- 8 Documents / Resources
  - 8.1 References

## basic V2 Phono Preamplifiers

Dear Clearaudio customer,

Congratulations on the purchase of your new basic V2 phonostage.

Within that sleek aluminium casing (with silver or black anodized finish) lies an inner world of highly refined features. Its predecessor, the basic plus, was a multiaward winner and with the V2 we've taken all of that coveted 'Plus' technology up a notch.

On the outside, we've kept it very simple. There's just one visible control, a single power switch on the upper surface that opens up a raft of possibilities.

On the underside you can switch between moving coil and moving magnet mode.

From there, you can easily enjoy the basic V2 with almost any high-end phono cartridge without making any further adjustments.

Or, you can choose from a range of performance enhancing settings to fine-tune its parameters to your system and your heart's content. An optional subsonic filter attenuates any unwanted low frequency noise, while RIAA equalization accuracy is within 0.1dB.

All of which adds up to the basic V2 being the perfect all-rounder for both audiophiles and music lovers.

We wish you a lot of listening pleasure with your new Clearaudio basic V2 phonostage.

Clearaudio electronic GmbH



## Safety instructions

### 1. General information

Check the device for visible damage before using it for the first time.

If the device is damaged, it should not be connected to the mains.

Also, never connect the device if it has been dropped or gotten wet, contact your dealer to have the device inspected.

Never expose the device to rain or moisture.

Never touch the power cord of the device with wet hands.

For your own safety, regular visual inspections of any defective insulation on the connection cable are also recommended. A damaged cable should be replaced immediately by a specialist!

Never pull on the power cable to unplug the device, but directly on the plug!

The inside of the device is maintenance-free, never open the housing or try to repair the device yourself. This can also lead to loss of warranty.

If you do not operate the device for a longer period of time, we recommend disconnecting the power supply from the mains.

Not suitable for children! Scope of delivery may contain small parts that can be swallowed.

### 2. Intended use

The basic V2 is a phono preamplifier to amplify the signal of the phono cartridge.

The intended use of the basic V2 in accordance with the information provided in the user manual only.

The power supply may only be operated with maximum permissible connection values according to the technical data. Any other use or modification of this product is not intended.

### 3. Location of installation

The device should only be set up on leveled surfaces.

Avoid location with direct sunlight, temperature fluctuations and high humidity. Likewise, avoid placing electronic devices near heaters, heat lamps, or other devices that produce heat.

The device is designed for operation in heated rooms.

Never block the ventilation slots or cover the device with a cloth or similar.

No objects with an open flame may be placed on the device (burning candles or similar).

Phonostages provide a very high level of amplification, to address the fact that the electrical signal generated by a phono cartridge is extremely low. As a result, phonostages are extremely sensitive, which leads to the potential problem that high-frequency interference may also be amplified to a point at which it becomes noticeable. Unfortunately it is not possible to completely protect the sensitive phonostage circuitry from this interference without degrading its high fidelity performance.

Therefore care must be taken to position the phonostage away from sources of high frequency interferences such as mobile phones, modems and powerline communication systems (PLC) in which data is sent over the mains power network.

### 4. Overload

The product is designed to comply with all necessary safety regulations, however you should not leave the device unattended under extreme loads.

### 5. Maintenance

Only use a soft cloth with a smooth surface for cleaning. Never use aggressive cleaning detergent.

### 6. Health information

Permanently high volume can lead to various types of hearing damage. Use high volume responsibly!

### 7. Service

During the guarantee period, the basic V2 may only be repaired by the manufacturer, otherwise the warranty will become void.

All Clearaudio products should only be serviced by specialist retailer.

If despite the high production standard, a repair is necessary, the basic V2 must be sent to Clearaudio through your dealer.

### 8. Transport

Always use the original packaging when transporting the Clearaudio basic V2.

Be sure to pack the device exactly as it was shipped.

Safe transport is only guaranteed in the original packaging.

When packing, proceed in reverse as described for assembly.

### 9. Disposal



Do not dispose this product together with other waste.

WEEE Reg. No.: DE26004446

### 10. CE Marking



This electronic product corresponds to the applicable guidelines for obtaining the CE mark.

## Package contents

The Clearaudio basicV2 is delivered in a special designed packaging for this product.

Ensure that the packaging has no external damage, such as shipping damage.

Please retain the packaging, as only the original packaging provides the necessary protection and stability during any subsequent transportation.

Please check the contents of you're newly purchased phono preamplifier.



**Pic. 1:** Package contents

### 1. basic V2

hardwired power supply incl. country specific adapter

### 2. Without image:

User manual, Warranty card, Clearaudio Quality Card, return delivery note

## Setup

### Select cartridge type operation mode:

Set the switches on the bottom panel of the basic V2 chassis as follows:

- MM operation: Buttons 'gain' not pressed in (load impedance = 47 kOhm)
- MC operation: Buttons 'gain' pressed in (load impedance = 500 Ohm)

Position MM = button not pressed, position MC = button pressed in.



**MM Adjustment**



**MC Adjustment**

### Subsonic-Filter:

Set the switches on the bottom panel of the basic V2 chassis as follows:

- Subsonic filter is on: Both buttons 'subsonic' pressed in
- Subsonic filter is off: Both buttons 'subsonic' not pressed in



**Subsonic off**



**Subsonic on**

**– Attention –**

All switches are duplicated for the left and right channels.

Please make sure that both corresponding switches are always in the same position.

Before switching any settings be sure to shut off the power to the basic V2.

Never cover or put anything on top of the basic V2, which could lead to overheating of electronic parts.

If the unit is not in use for an extended period, switch it off.

**Troubleshooting**

If you have a problem with your basic V2, first check the possible causes to rule out incorrect operation.

If the error persists, please contact your dealer!

Never try to open the device and/or repair it yourself, this will void the warranty!

Error	Cause	Measure
Device does not work	Is the power cord plugged in and the power switch turned on?	Check the connection.
No sound or low volume?	Did you choose the right input?	Check the connections of your hifi components.
	Have you selected the correct operating mode?	Check the settings on the underside of the phono stage.
	Is the device in „mute“ mode or is the volume set too low?	Check the volume setting of your device.
	The connection cables are not properly connected.	Check the tonearm and cartridge connections due to their respective user manual.
	Devices with a headphone output only: Are the headphones still plugged in when you are trying to play music through the speakers?	Disconnect the headphones.
Hum or noise	The ground cable is not connected or is faulty.	Connect the grounding cable from the turntable/tonearm to the respective grounding connection on the back of the device. If there are several ground connections, interrupt them one after the other and check the sound quality again.
	The device should not be operated in the vicinity of high-frequency devices such as mobile phones or modems or on power supply systems used for data traffic (PLC).	Make sure there is a minimum distance of 30cm between the power supply units of any type and the MC preamplifier or phono preamplifier. Powerlan adapters should not be operated on the same socket as the phono preamplifier.
One channel quieter or louder	The channels of an input are set differently.	Check the settings on the underside of the phono stage. These must be carried out identically for an input.

## Technical Data

Mode:	MM / MC switchable (at bottom) // Subsonic filter switchable (at bottom) 20Hz (–18dB / Oct.; on each channel)
Amplification:	+ 46dB (MM mode) + 66dB (MC mode)
Input load:	47k $\Omega$ / 270pF (MM mode) 500 $\Omega$ / 270pF (MC mode)
RIAA accuracy:	$\pm$ 0.1dB
THD:	< 0.002% (IEC A)
Signal to noise ratio:	– 72dB (MM mode) – 67dB (MC mode)
Headroom:	+ 20dB
Max. output voltage:	> 10V (at 1kHz)
RIAA:	75 $\mu$ s / 318 $\mu$ s / 3180 $\mu$ s, 2 passive filter
Channel separation:	> 90dB at 1kHz
Output impedance:	10 $\Omega$
Inputs:	unbalanced (RCA)
Outputs:	unbalanced (RCA)
Power consumption:	Max. consumption: 3 watts (in operation) Standby mode: <0.3 watts
Power supply:	$\pm$ 18V DC (external wall mount power supply; 1.4m cable length)
Total weight:	Approx. 1.2kg (preamp and power supply)
Dimensions (W/D/H):	Approx. 4.65 x 5.71 (6.22 with RCA) x 1.65 inches
Dimensions (W/D/H):	Approx. 118 x 145 (158 with RCA) x 42mm
Manufacturer's warranty:	3 years*

\* Provided that the warranty card is correctly completed and returned to Clearaudio, or your product is registered online at <https://clearaudio.de/en/service/registration.php>, within 14 days of purchase.

## WARRANTY

For warranty information, contact your local Clearaudio distributor.

### RETAIN YOUR PURCHASE RECEIPT

Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes or when corresponding with Clearaudio.

### IMPORTANT

When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

### FOR U.K. ONLY

This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.



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### **Documents / Resources**



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basic V2 Phono Preamplifiers, basic V2, Phono Preamplifiers, Preamplifiers

### **References**

-  [clearaudio analogshop](#)
-  [clearaudio electronic GmbH | High End - made in Germany](#)
-  [clearaudio electronic GmbH - 403 Forbidden](#)
- [User Manual](#)

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