



double matrix professional SONIC

Loving music

User manual

Bedienungsanleitung



Pic. similar / Abb. ähnlich



Pic. similar / Abb. ähnlich





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Dear **Clearaudio** customer,

Congratulations on the purchase of your *double matrix professional SONIC*, a high-performance product made by **Clearaudio**.

Keeping your vinyl records clean improves their sound quality. It is equally important to clean new vinyl records, because the pressing process often leaves behind surface residues. The integrated sonic cleaning technology of the **Clearaudio** *double matrix professional SONIC* will effectively remove all such contaminants from the grooves of your records.

Please read these instructions carefully to ensure correct operation and to achieve the best possible cleaning results.

Components and processing

The **Clearaudio** *double matrix professional SONIC* is built using the highest quality components and is designed for intensive and continuous use. The chassis, cleaning, vacuum and antistatic arms, as well as the Seal record clamp are machined from solid aluminium. The chassis is lined with acoustic damping pads to keep operational noise to a minimum.

Our quality standard is reflected in a warranty of 3 years, provided that the completed warranty card is returned to us within 14 days of purchase.

We thank you for your purchase and hope you enjoy using your new *double matrix professional SONIC*.

Available Accessories:



Dustcover for *double matrix professional SONIC* (Art. No. AC143)



Replacement microfiber strips for *double matrix professional SONIC* (Art. No. AC062/DMPS)

Record cleaning fluids
(for example pure groove
Art. No. AC048)
Available in different sizes
and versions.



User manual / Bedienungsanleitung



Safety instructions

1. General information

Check the unit for any damage before using it. Do not connect the record cleaning machine if damaged!

Never connect the unit if it has been dropped or gotten wet, contact your dealer to have the unit checked.

Never expose the machine to rain or moisture.

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

Regular visual inspections for defective insulation on the connection cable are also recommended for your own safety. A damaged cable should be replaced immediately by a specialist!

Never pull on the power cord to unplug the device. Always pull directly on the plug!

The inside of the unit is maintenance free. Never open the case or attempt to repair the unit yourself, since this can lead to loss of warranty!

We recommend disconnecting the power supply from the mains if you do not operate the device for a longer period of time.

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

2. Intended use

The *double matrix professional SONIC* is a record cleaning machine to clean records.

The intended use of the *double matrix professional SONIC* 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 level surfaces.

Avoid locations 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 at room temperature.

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

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

Never use aggressive cleaning detergent.

Do not use dry cloths for cleaning as this generates static electricity. Suitable cleaning and care products from **Clearaudio** are available from www.analogshop.de or from specialist retailers.



Please note: If fluids that produce foam, or fluids which are acid-based, have been used, or if the precautions noted in this instruction manual have not been followed, the warranty will be void.

6. Health information

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

7. Service

The *double matrix professional SONIC* record cleaning machine should be repaired during the guarantee period by the manufacturer only, otherwise the warranty claim expires. All **Clearaudio** products should only be serviced by specialist retailers.

If, despite the high production standard, a service is necessary, the *double matrix professional SONIC* must be sent to **Clearaudio** through your dealer.

Legal disclaimer:

Clearaudio refuse to cover any claims or damage to records or any other damage that have been caused by misuse or mishandling of the *double matrix professional SONIC*.

8. Transport

Use the original packing material for further transportation of the *double matrix professional SONIC*, otherwise serious damage could occur.

Be sure to pack the device exactly as it was shipped.
Safe transport is only guaranteed in the original packaging.

Proceed in reverse as described for assembly when packing.

Ensure also that both tanks (fluid reservoir and waste fluid tank) are empty before packing the unit and the cap of the cleaning fluid reservoir is secured with tape.

Clearaudio assumes no liability for any damage that may occur due to incorrect packing.

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.





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1. Package contents

The **Clearaudio** *double matrix professional SONIC* 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 *double matrix professional SONIC* record cleaning machine for completeness:

1. Fully assembled record cleaning machine

2. Seal record clamp

3. Filling funnel

4. IEC connector

(according to country specifications)

5. 6pcs. spare microfiber stripes

6. 500ml groove care cleaning fluid*

7. Cap for cleaning fluid reservoir

(mounted on the filling opening)

8. Tube plug

(mounted on the drain tube)

9. Single adapter

(for 7 inch records)

10. Hex wrench #5

11. Warranty card

12. Quality control card

In the event of an incomplete delivery, please contact the relevant **Clearaudio** dealer immediately.

* We do not recommend to clean your shellac records with *groove care* because Vinyl cleaner easily affect Shellac.

Please use only liquids which are specifically developed for this purpose (for example **Clearaudio** *pure groove Shellac*, Art. No. AC048/SH, available through your **Clearaudio** dealer or directly from the **Clearaudio** analog shop: www.analogshop.de.)



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2. Features overview of the *double matrix professional SONIC*

- **Integrated sonic – vibrating cleaning elements**
Deep cleaning of pressing residues and persistent dirt deep within the record groove.
- **Cleans LPs, EPs and singles**
- **Simultaneous cleaning of both sides**
Efficient and effective cleaning of both sides of a record in a single washing program.
- **Manual operation**
Set your own cleaning parameters.
- **Bi-directional rotation**
For enhanced cleaning performance you can change the direction of the rotation.
- **Variable speed regulation**
During manual operation, select the desired speed to receive the best cleaning result.
- **LED level indication**
Shows the fluid level in the internal cleaning fluid reservoir.
- **Adaptive cleaning brush**
The cleaning brushes automatically adjust for different thickness and sizes of record.
- **Seal record clamp**
Ensures that the record is held firmly during the cleaning process and protects the record label from fluid damage.
- **Auto mode**
A fully automated cleaning program suitable for most record cleaning situations.
- **Super clean mode**
A fully automated cleaning program for records that need an extra thorough clean.
- **ECO mode**
A shortened cleaning program.

3. Setup of the *double matrix professional SONIC*

Take the already assembled *double matrix professional SONIC* record cleaning machine from its packaging. Set it on a stable and horizontal surface (such as a desk or rack).

Please note that due to the weight of the record cleaning machine, the feet of the device can cause marks on soft surfaces. Due to the warm air outlet on the bottom of the *double matrix professional SONIC*, the surface on which it rests should be heat resistant to a minimum of 60°C.

3.1 Connect to the mains supply

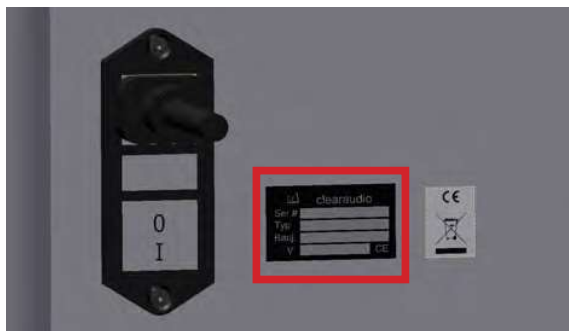
To avoid using an additional extension cable, place the *double matrix professional SONIC* within 2 metres of an electrical wall outlet.

Connect the supplied mains cable first to the IEC socket on the back of the *double matrix professional SONIC* and then to the electrical wall outlet. Press the switch on the IEC socket and position it to "I".

Please read the whole user manual before cleaning your first record.

Note: Voltages are referenced to EU countries with 230V mains power.

In other countries the mains voltage and frequency may vary (e.g. USA 115V/60Hz.) The correct operating voltage can be found on the back of the device on the product information label (Pic. 1).

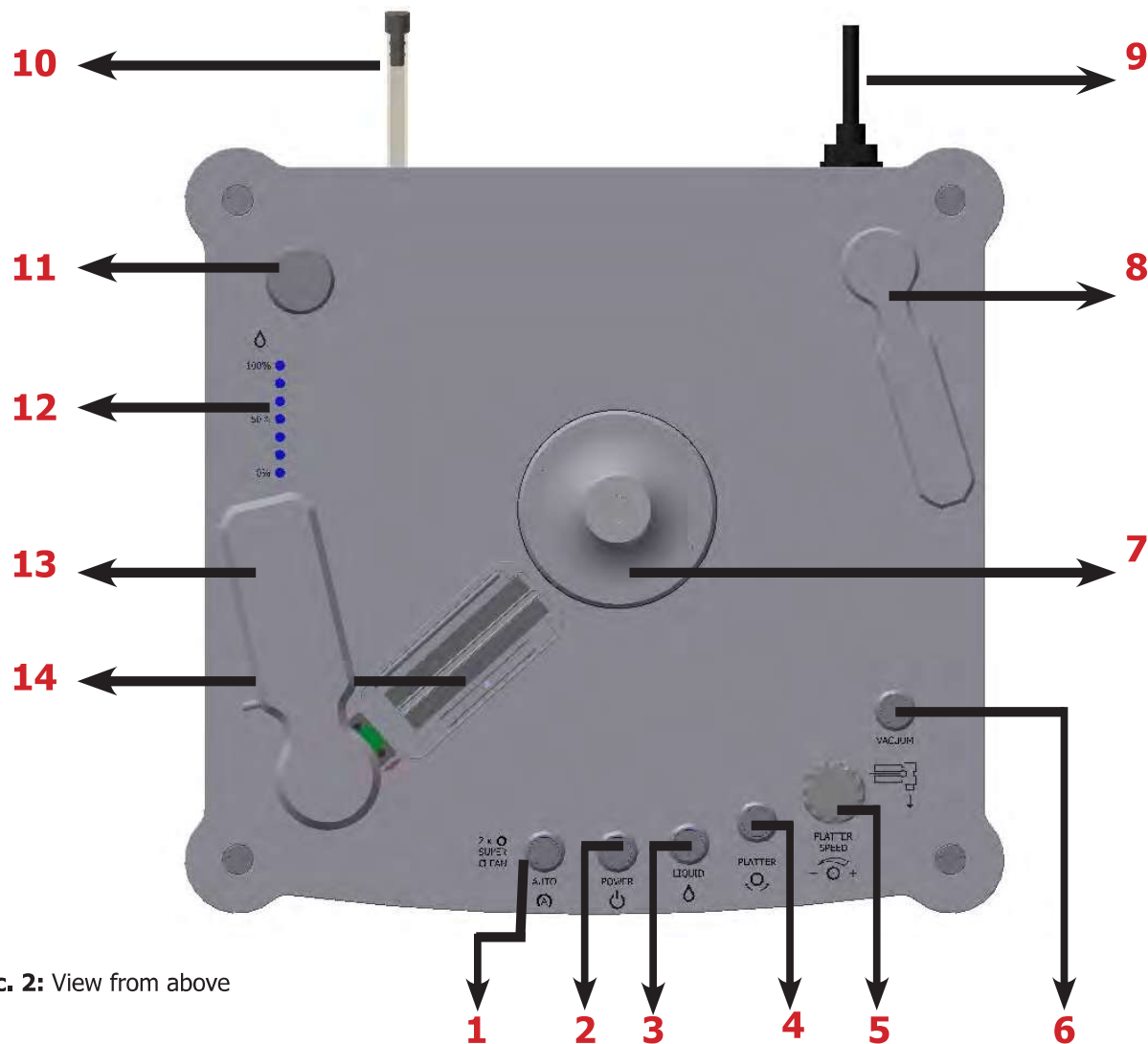


Pic. 1: Product information label on the back

The mains cable supplied should be of the type appropriate for your country. Please ensure that the mains voltage of your country also matches the mains voltage of the device. This information is also on the product information label (see above).

If it does not match, please contact your **Clearaudio** dealer.

4. Operating elements



Pic. 2: View from above

1	Automatic / Superclean start / ECO mode	8	Antistatic arm
2	Manual platter rotation on & off / Automatic off	9	IEC socket with power switch
3	Cleaning fluid application	10	Drain tube with sealing plug
4	Rotational direction selection	11	Cleaning fluid reservoir filling cap
5	Rotational speed adjust	12	Cleaning fluid reservoir level indication LEDs
6	Vacuum drying on / off	13	Cleaning & vacuum arm
7	Seal record clamp	14	Removeable microfiber stripes

Please familiarise yourself with each of the operating elements shown above, which are described in detail on the following pages.

5. Functions

5.1 Automatic cleaning

Automatic / Superclean / Eco mode

The "Auto" button has a multifunction for different automatic cleaning modes.

- **Eco mode**

Hold the button for 3 seconds, the LED ring of the "AUTO" button will blink fast.

This mode is the most economical in terms of cleaning time and cleaning fluid consumption.

- **Automatic mode**

Press the button once, the LED ring of the button will shine constantly.

This mode is a normal cleaning mode.

- **Super-Clean mode**

Press the button twice, the LED ring will blink slowly.

This mode is for very dirty records and will run the "AUTOMATIC MODE" twice.

If the respective cleaning program (Auto mode / Super-Clean / ECO mode) is finished, the blue ring of the button will flash short and expire completely.

You can cancel every automatic mode by pressing the button "POWER" shortly.

5.2 Manual cleaning

- **Power**

Starts the platter rotating and switches on the sonic cleaning function.

- **Liquid**

Press to apply cleaning fluid to the upper and lower sides of the record.

- **Platter**

Press to change the platter's rotational direction.

- **Platter Speed**

Turn to adjust the platter rotation speed.

- **Vacuum**

Activates the suction drying process while also stopping the sonic cleaning function.

5.3 Automatic and manual cleaning

- **Antistatic brush**

The antistatic brush arm is used to discharge any static that is generated during the drying process. After completion of the automatic programs or manual cleaning, the dry record should pass the antistatic brush at least for 2-3 full rotations. Turn the antistatic arm above the record to the outer point. The record will start to turn and the constructed static will be derived.

The antistatic function can only be activated with opened suction arm.



Pic. 3: Turning the antistatic unit

After 2-3 full rotations, turn the antistatic arm back to the start position. The rotation of the record ends automatically.

5.4 LED level indicator

Shows the level of cleaning fluid currently in the reservoir (0% to 100%).

6. Initial start-up

6.1 Filling the cleaning fluid reservoir

Place the funnel supplied into the filling hole (Pic. 2, No. 11, page 7) and fill the fluid reservoir with the cleaning fluid provided (max. 0.4l).

Pay attention to the LED level indicator so as not to over-fill. For effective cleaning we recommend using only **Clearaudio** cleaning fluids (available at www.analogshop.de).

6.2 Opening the cleaning and vacuum arm and placing the record

Lift the upper cleaning arm and swing it to the left to open the cleaning and vacuum assembly. Turn the knob of the Seal record clamp anticlockwise to release the clamp then place the record to be cleaned on the label-sized platter. Now put the Seal record clamp back on the spindle and press down gently while rotating the knob clockwise to secure the record in position and create a seal to protect the record label from fluid damage.

Closing the cleaning and vacuum unit

Now you can swing the upper cleaning arm to the right to close the cleaning and vacuum assembly.

6.3 Automatic cleaning

The new features of the *double matrix professional SONIC* "AUTO", "SUPERCLEAN" and "ECO MODE" provide fully automatic and efficient cleaning (see function 5.1, page 8). You only have to manually activate the antistatic brush.

6.4 Manual cleaning

To set your own parameters for the cleaning process manually:

- After you have placed and fixed the record with the Seal record clamp, close the cleaning and vacuum assembly.
- Press the "POWER" button to start the sonic cleaning function and rotation of the record.
- Press the "LIQUID" button to apply cleaning fluid to the record. Holding down the button for longer applies more fluid. Adjust this according to the desired quantity of cleaning fluid.
- After about 3 or 4 rotations, change the platter direction by pressing the "PLATTER" button. We recommend 3 or 4 turns in each direction. By turning the "PLATTER SPEED" knob you can vary the rotational speed to further fine tune the cleaning process.
- Once you are happy with the cleaning, press the "VACUUM" button. This will stop the sonic cleaning function and start the vacuum drying process. After about 3 or 4 rotations, when the record is visibly dry, switch off the suction by pressing the "VACUUM" button again.
- Press the "POWER" button to stop the record rotation.
- Open the suction arm. Now start the antistatic function (see 5.3, page 9). After completion of the antistatic function the manual cleaning is complete and you can remove your record.

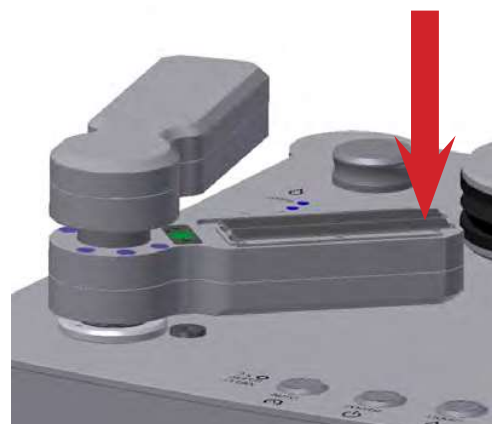
7. Maintenance

7.1 Changing the microfiber stripes

To change the microfiber stripes, remove the upper arm of the cleaning and vacuum assembly by loosening the side-mounted hex screw, then pulling the upper arm gently upwards.

Next, release the microfiber supporters from the upper and lower cleaning arms by applying a light pressure at the end of each microfiber supporter, and then remove them (see Pic. 4).

Now peel the old microfiber strips away from their supporters. Before attaching new microfiber strips, it is important to ensure that any grease, dust or residual glue from the old microfiber strips is removed from the microfiber supporter.



Pic. 4: Lift the microfiber supporter by pressing down on one end.

Apply new microfiber strips, firmly pressing them onto the supporters.

We recommend changing the microfiber strips after approx. 100 cleaning programs, though this will depend on the condition of the records cleaned.

7.2 Cleaning and draining the waste fluid tank

Over time it is possible for residue to settle in the waste fluid tank which could potentially block the drain tube. To avoid this happening you should periodically clean the waste fluid tank.

1. Remove the upper suction arm after loosening the side-mounted screw with the delivered hex wrench (#5) and pulling it gently and steadily upwards.
2. Place the filling funnel into the suction tube.
3. To flush the waste tank, we recommend 250ml warm water, which you pour in the waste tank.
4. Let the warm water sit in the waste tank for approximately 20 minutes, then drain it by removing the sealing plug from the drain hose and put the end of the drain hose into a bowl (or something else) which is positioned deeper. Repeat this process until the drained flushing water is clean and does not contain any residue.

After the cleaning, you can remount the suction arm. Please make sure to insert the arm straight and without any pressure. Otherwise the arm may tilt and damage the machine.

Please note:

If you take the machine into operation again, the drain tube must always be closed by the stopper, so that the vacuum pump can generate the required vacuum for suction. Only through this we can guarantee a lasting and full function of your cleaning machine.

The drain tube at the rear should not be pushed back into the machine. This could bend the tube and the leaking fluid could damage the cleaning machine.

8. Points to note

8.1 Waste fluid tank:

The waste fluid tank has a capacity of approx. 0.5 litres. We recommend regular draining of the tank, to avoid any damage. Please note that with intensive use waste fluid can evaporate completely leaving residue within the waste tank.

To empty the waste fluid tank:

1. On the back panel you will find the drain tube, which can be pulled out (see Pic. 2, No. 10, page 7).
2. Remove the sealing plug from the drain tube.
3. To empty the waste fluid tank completely, tilt the *double matrix professional SONIC* about 45° to the rear. Once emptied, be sure to reseal the drain tube again.

CAUTION:

Do not re-use waste cleaning fluid. This could damage your machine.

8.2 Cleaning the fluid reservoir:

The cleaning fluid reservoir has a capacity of approx. 0.4 litres. We recommend that you fill the tank only with **Clearaudio** cleaning fluids (available at www.analogshop.de) to receive the best cleaning results.

To empty the fluid reservoir tank (to ship the unit or to switch to another liquid), close the suction unit and disconnect the upper supply tube.

Insert the end of the disconnected supply tube into a container, squeeze the lower supply tube and hold the "LIQUID" button pressed. Now the unit will start to pump the fluid.

We recommend a second person for help.

Please note:

If you won't be using the *double matrix professional SONIC* for more than a week, we suggest that you drain the remaining fluid from the cleaning fluid reservoir.



Pic. 5: Warning

CAUTION:

Never use foaming or corrosive liquids, or water. This could cause serious damage to your machine and may void your warranty.



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8.3 LED level indicator:

When the last LED (0%) of the level indicator is flashing (Pic. 2 No. 12, page 7), the functions "AUTO", "SUPERCLEAN" and in manual mode, the function "LIQUID", will be deactivated. This protects the liquid pump from damage. To re-activate these functions, fill the cleaning fluid reservoir with more cleaning fluid.

CAUTION:

Ensure that the *double matrix professional SONIC* is switched on when filling the cleaning fluid reservoir so that you can read the current level on the LED level indicator.

8.4 Auto protect:

If the cleaning and vacuum assembly is open (Fig. 2, No. 13, page 7), all functions of the buttons are deactivated. The antistatic arm can still cause the rotation of the platter axis when turned to the middle.

Important:

After use, the *double matrix professional SONIC* should always be turned off by pressing the switch on the IEC socket to the position "0".

If you won't be using the unit for more than a week, we recommend to unplug the cleaning machine.

9. Troubleshooting

If you have a problem with your *double matrix professional SONIC*, 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?	Check the connection.
	Is the power switch in the correct position?	Check the switch on the back of the device.
	There is not enough cleaning fluid in the machine.	Refill the fluid.
	The cleaning arms are not properly closed.	Press the arm down and ensure that the contacts in the tonearm are connected.
Record does not rotate during the suction	The clamp was not pressed down properly. Through the suction the record is held in place.	Open the clamp and press firmly with both hands and screw the clamp hand-tight.
Liquid foams when applied	The wrong liquid is used.	Please be sure to follow the instruction in this user manual. Foamy liquids can potentially cause serious damage to your record cleaning unit and the warranty will void.
Little or no used fluid in drain hose	Fluid cannot flow out because there is air in the drain hose.	Remove the stopper to let the air and liquid escape.
	There is not enough fluid in the waste fluid tank.	Tilt the unit slightly to allow the fluid to enter the hose.
	Due to the alcohol contained and the generated heat during operation, a high part of the used liquid has already evaporated.	Since residues still remain in the collection container, we recommend rinsing the waste fluid tank regularly.
Liquid leaks from the housing	The waste fluid tank was not emptied in time.	Empty the waste fluid tank as described in the user manual and let unit dry for a few hours before using it again.

10. Technical data

Main features:	<ul style="list-style-type: none"> • Left and right turning • Cleaning of both sides • Vacuum engine with overheat sensor • Integrated antistatic brushes device for discharge of static charge • Automatic fluid application • Sonic Option - gentle and high efficient cleaning through vibration • Automatic cleaning process with only one button • As an option: cleaning of each cleaning step by hand control
Power consumption:	Max. consumption: Approx. 450 watts Off mode: 0 watts (by switching off at the rear of the machine)
Weight:	Approx. 16kg
Dimensions (W/D/H):	Approx. 16.14 x 15.16 x 10.87 (incl. Record clamp) Approx. 16.14. x 15.16 x 11.42 (with Acrylic Dustcover)
Dimensions (W/D/H):	Approx. 410 x 385 x 276 (incl. Record clamp) Approx. 410 x 385 x 290 (with Acrylic Dustcover)
Manufacturer 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.

Um für die Plattenwaschmaschine *double matrix professional SONIC* die volle **clearaudio** Garantie von drei (3) Jahren in Anspruch nehmen zu können, senden Sie uns bitte die beigelegte Garantiekarte innerhalb von zwei Wochen korrekt und vollständig ausgefüllt zu oder registrieren Sie das Produkt online unter <https://clearaudio.de/de/service/registration.php>, da sonst nur die gesetzliche Gewährleistung berücksichtigt werden kann.

Nur, wenn das Produkt in der Originalverpackung zurückgeschickt wurde, kann clearaudio die volle Garantiezeit gewährleisten.

The full, extended warranty period for the *double matrix professional SONIC* record cleaning machine is 3 years.

To receive this full **Clearaudio** warranty, you must either complete and return the relevant section of the warranty registration card to **Clearaudio**, or register your product online at <https://clearaudio.de/en/service/registration.php>, within 14 days of purchase. Otherwise only the legal warranty can be considered.

The full 2 year warranty can only be honoured, if the product is returned in its original packing.



ENGLISH 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.



FRANÇAIS GARANTIE

Pour des informations sur la garantie, contacter le distributeur local **Clearaudio**.

CONSERVER L'ATTESTATION D'ACHAT

L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieu sûr pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec **Clearaudio**.

IMPORTANT

Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de l'achat et d'en corroborer la date. Le reçu ou la facture constituent des preuves suffisantes.



DEUTSCH GARANTIE

Bei Garantiefragen wenden Sie sich bitte zunächst an Ihren **Clearaudio** Händler. Heben Sie Ihren Kaufbeleg gut auf.

WICHTIG!

Die Angaben auf Ihrer Quittung erlauben uns die Identifizierung Ihres Gerätes und belegen mit dem Kaufdatum die Dauer Ihrer Garantie-Ansprüche. Für Serviceleistungen benötigen wir stets die Gerätenummer. Diese finden Sie auf dem Typenschild auf der Rückseite des Gerätes oder auch in der beigelegten Garantie-Registrierkarte.



NEDERLANDS GARANTIE

Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke **Clearaudio**.

UW KWITANTIE, KASSABON E.D. BEWAREN

Uw kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt, verwijzing bijv, in verbend met verzekering of bij correspondentie met **Clearaudio**.

BELANGRIJK

Bij een evt, beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuur zijn voldoende bewijs.



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ITALIANO GARANZIA

L'apparecchio è coperto da una garanzia di buon funzionamento della durata di un anno, o del periodo previsto dalla legge, a partire dalla data di acquisto comprovata da un documento attestante il nominativo del Rivenditore e la data di vendita. La garanzia sarà prestata con la sostituzione o la riparazione gratuita delle parti difettose. Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non possano riferirsi a difetti di funzionamento dell'apparecchio. Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza Autorizzati. Le spese ed i rischi di trasporto sono a carico del cliente. La casa costruttrice declina ogni responsabilità per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale o per guasti dovuti ad uso continuato a fini professionali.



ESPAÑOL GARRANTIA

Para obtener información acerca de la garantía póngase en contacto con su distribuidor **Clearaudio**.

GUARDE SU RECIBO DE COMPRA

Su recibo de compra es su prueba permanente de haber adquirido un aparato de valor, Este recibo deberá guardarlo en un lugar seguro y utilizarlo como referencia cuando tenga que hacer uso del seguro o se ponga en contacto con **Clearaudio**.

IMPORTANTE

Cuando solicite el servicio otorgado por la garantía el usuario tiene la responsabilidad de demostrar cuándo efectuó la compra. En este caso, su recibo de compra será la prueba apropiada.



Loving music

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Product availability is as long as stock lasts.

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2024