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clearaudio CLEAMATRIXSS Smart Matrix Silent User Manual

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Matrix Silent User Manual

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clearaudio CLEAMATRIXSS Smart Matrix Silent



Safety Instructions

Transportation

- If you transport or ship the Clearaudio smart matrix SILENT for any reason, the original packaging must be used. Please pack the machine as it was packed originally by Clearaudio to ensure secure transport. 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.

Service

- The smart matrix SILENT should only be repaired by Clearaudio approved institutions or persons, or by Clearaudio, otherwise the warranty will be void.
- If damage should occur for any reason and repair to the machine is necessary, it should be sent to the selected dealer or distributor.

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.

Safety Instructions

Visual Check

Never touch the power cable with wet hands or other wet body parts!

For your own safety, a frequent visual check of the mains cable is suggested.

If any damage should occur, repair or exchange should be done immediately using an approved electrician or institution. Any servicing of Clearaudio products should only be done through certified Clearaudio dealers.

This machine is designed to be used in heated or climate controlled surroundings.

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 smart matrix SILENT.

Package Contents

The Clearaudio smart matrix SILENT record cleaning machine is packed in customized packing. We highly recommend that you keep the original packing material in case any future transportation or shipping is necessary. After opening the shipping box, please take the various accessories out and place them near to the area where you want to use the machine. Using both hands, lift out the machine and place it onto a stable and waterproof surface.

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

IMPORTANT: Never lift the smart matrix SILENT by its platter.

Please check the contents included with the machine as listed below:

1. Fully assembled record cleaning machine
2. Record clamp (mounted on the platter)
3. Filling funnel
4. IEC connector (according to country specifications)
5. Spare microfiber stripes (2 pcs.)
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
10. Warranty card / 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.)

Features Overview of Smart Matrix SILENT

- **Cleans 12, 10 and 7-inch records**

Thanks to an individually adjustable and multifunctional cleaning/suction arm, it is possible to clean all record sizes without changing the arm.

- **Bi-directional rotation**

For enhanced cleaning performance you can change the direction of the rotation.

- **Record clamp**

Ensures that the record is held firmly during the cleaning process and protects the record label from fluid damage.

- **Integrated fluid application**

Via a pump, by pressing a button.

- **Easy controls**

Simple and quick handling, using buttons on the top of the cleaning machine.

Set-up and Operation

Place the smart matrix SILENT machine on a clean, dry and stable surface.

The surface should be waterproof.

Please make sure that the machine is positioned safely and securely.

TIP: We recommend keeping a towel near the machine to mop up any fluid spillage.

Connect the mains cable to your smart matrix SILENT and then to your wall socket.

The smart matrix SILENT must always be used with a grounded mains wall socket.

IMPORTANT: Please read before you connect your smart matrix SILENT to any power outlet:

The smart matrix SILENT is available in both 230V and 110V versions.

The correct voltage is indicated on the rear of your smart matrix SILENT.

Please make sure that you use the right voltage for your machine.

Use your smart matrix SILENT only with the voltage indicated on the rear of the machine!

To switch off the device completely (to avoid unnecessary standby consumption if it will not be used for a long period of time) we recommend setting the switch on the IEC socket to the position "0".



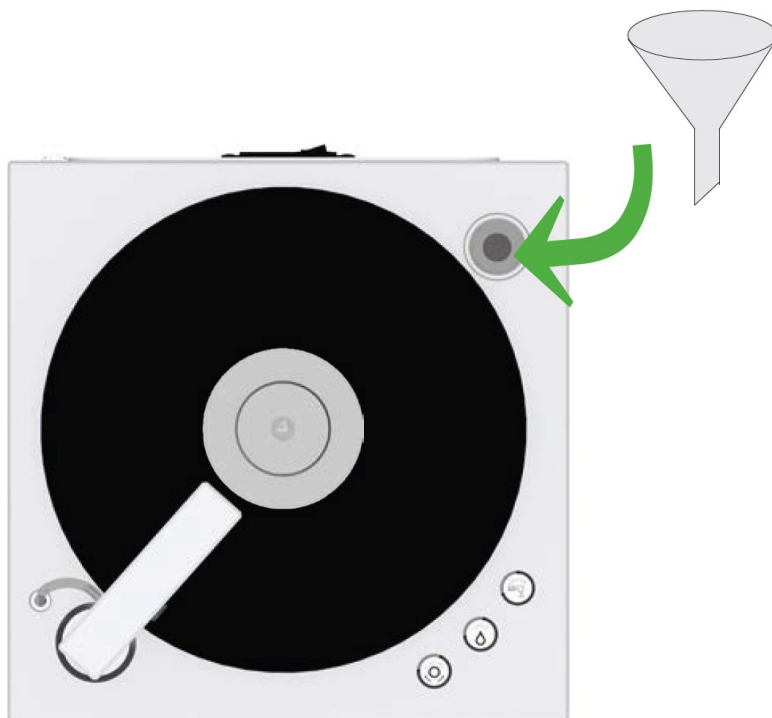
IEC Socket on The Rear Side

Filling the Cleaning Fluid Reservoir

Remove the cap from the cleaning fluid reservoir and place the filling funnel supplied into the hole (Pic. 2). Fill the fluid reservoir with the cleaning fluid provided (max. 0.4l).

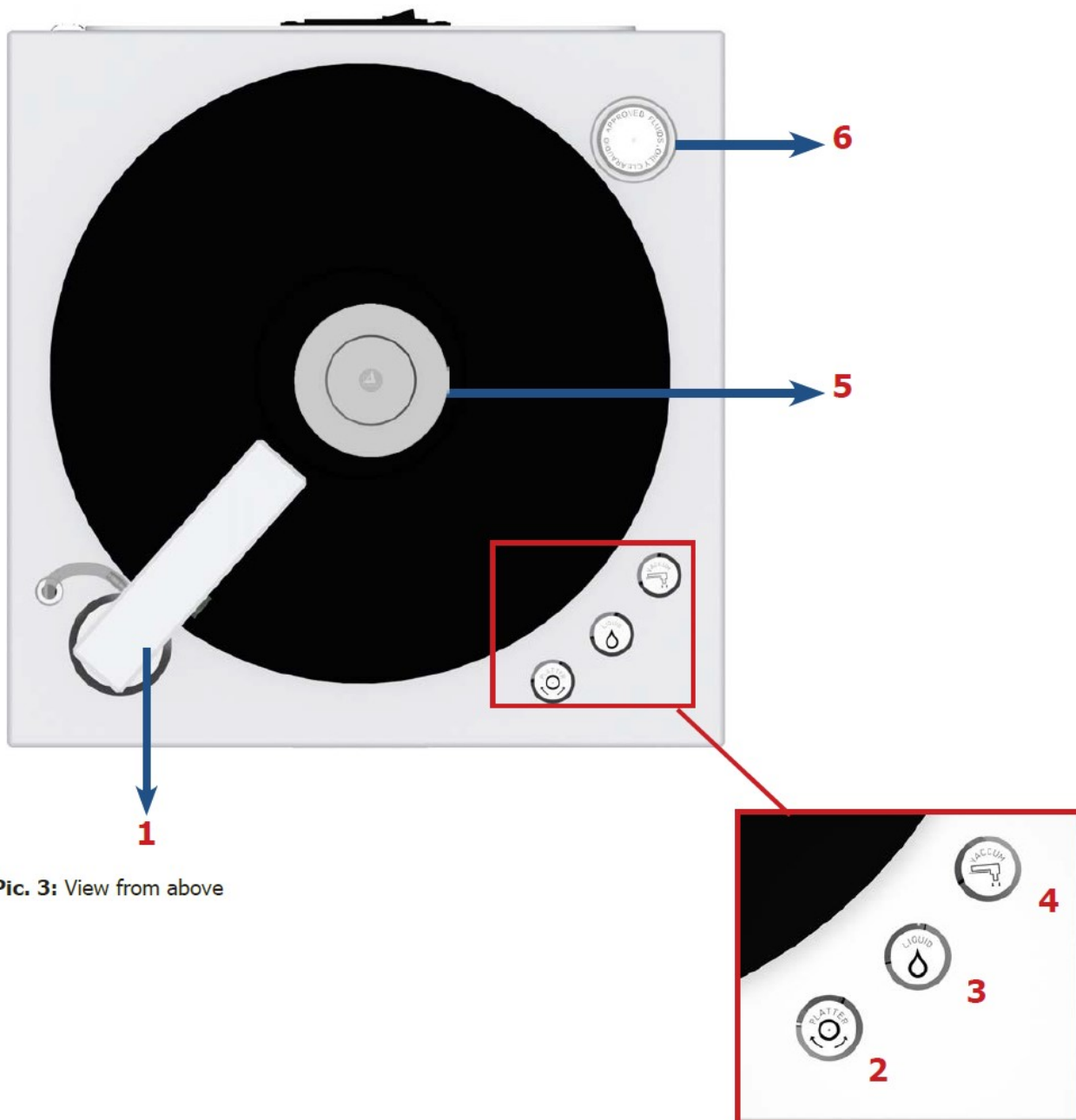
Then replace the cap.

For effective cleaning we recommend using only Clearaudio cleaning fluid (available at www.analogshop.de).



Filling the Cleaning Fluid Reservoir

Operating Elements



Pic. 3: View from above

- 1 Cleaning & vacuum arm
- 2 Rotation direction selector
- 3 Cleaning fluid application
- 4 Vacuum drying on / off
- 5 Record clamp
- 6 Cleaning fluid reservoir filling cap

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

Cleaning Process

For simple and effective record cleaning please follow these steps:

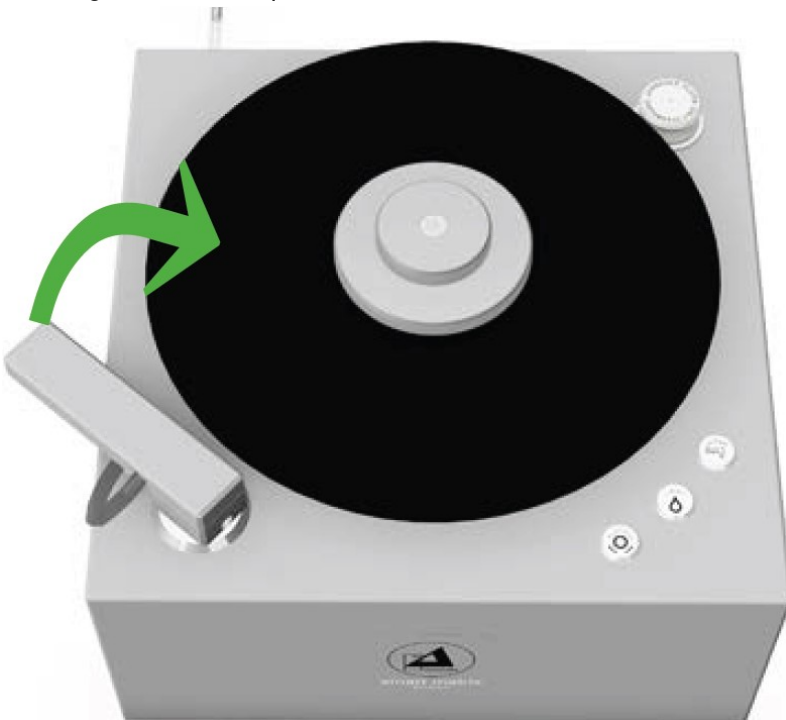
(Make sure that there is good ventilation in the room while using the smart matrix SILENT machine.)

1. Make sure, that the cleaning-/ vacuum arm is in rest position (not above the platter).
Connect the smart matrix SILENT machine to the mains supply and switch the main switch on the rear panel on.
2. Remove the record clamp and place the record on the platter, then hand-tighten the record clamp onto the spindle so the record won't move during the suction process. Now adjust the cleaning/vacuum arm to the correct

size of your record.



3. Start the machine by swinging the cleaning/vacuum arm back above the platter and then pressing it down. Due to its automatic on/off system, the platter will start to turn and will automatically apply a small dose of cleaning fluid onto the platter.



4. By pressing and hold the 'Liquid' button you can dose the cleaning fluid on the record. Once the record is equally and completely covered with a small amount of cleaning fluid, we recommend changing the platter direction after 2-3 rotations by pressing the 'Platter' switch.

Please note:

The fluid should just cover the whole record playing surface evenly. Too much fluid will spill onto the surface of the smart matrix SILENT or onto the record label.

If too much fluid is applied, immediately mop up the excess with a towel or similar material to prevent any damage to the record label or to the machine.

TIP: For very dirty records, we recommend allowing the platter to turn more than twice in each direction and then repeating with a second or even third cleaning and vacuum process.

5. Press the 'Vacuum' button to start the vacuuming process and wait until the record surface is completely dry. Press the 'Vacuum' button again to stop the vacuuming process.

Please note:

For best cleaning results we recommend selecting anti-clockwise rotation of the platter for vacuuming.

6. Now you can switch the rotation off, by lifting the cleaning/suction arm and then swinging it back to the side. Remove the record clamp. Flip over the record and repeat the cleaning process by following points 1-5 for the other side.

To discharge any static that is generated during the drying process, we recommend using an antistatic brush (Art. No. AC014, available at www.analogshop.de) before playing the record on your turntable.

Maintenance

Cleaning and Draining the Waste Fluid Tank

Please empty the waste fluid tank after 30 – 40 cleaning procedures.

The waste fluid tank has a capacity of approx. 0.5 liters. We recommend regular emptying of the tank, to avoid any damage.

Please note that with intensive use, waste fluid can evaporate nearly completely leaving a residue within the waste tank which may clump over time and possibly clog the discharge opening.

For prevention we recommend occasional cleaning.

Before you start cleaning, you should first empty the waste fluid tank.

Please make sure that you have switched off the vacuum motor while emptying the waste fluid tank otherwise damage to the machine could occur.

To empty the tank, first remove the stopper from the fluid release tube (on the rear panel of the smart matrix SILENT). Place the tube in an appropriate vessel (one deep enough to capture the fluid as it is flows out). Be sure to securely replace the stopper in the fluid release tube.

Warning:

Do not use recycled cleaning fluid. This could damage the machine or your records.

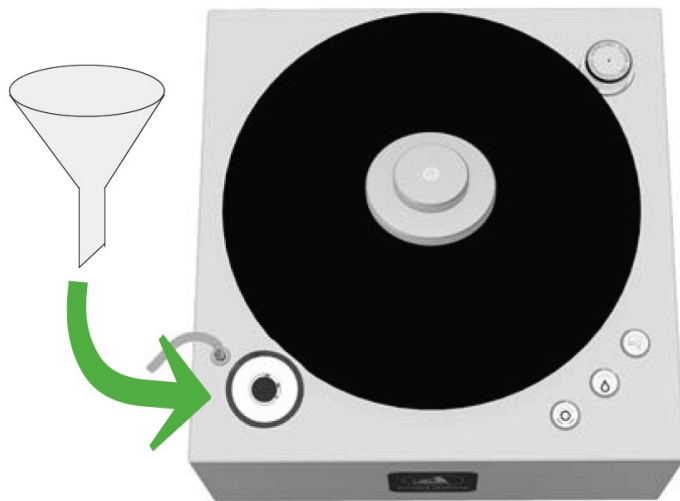


Emptying the Waste Fluid Tank

For cleaning: Remove the cleaning arm by removing the tube and pivoting it back as far as it will go and pulling it upwards. Using the filling funnel supplied to fill 250ml of warm water through the stainless steel tube. Leave the warm water in the waste tank for approximately 20 minutes, then drain it by removing the sealing plug from the drain hose and putting the end of the drain hose into a bowl (or similar). Repeat this process until the water drains clean and does not contain any residue. Please use fresh water for every flushing process.

Please note:

When returning the machine to operation after maintenance, the drain tube must always be closed using the stopper, so that the vacuum pump can generate the required vacuum for suction. This is essential to ensure the full functionality and longevity of your cleaning machine.



Cleaning and Changing the Microfiber Stripes

We recommend clean the microfiber strips after approx. 30-40 cleaning programs, depending on the condition of the records cleaned. First, remove the cleaning arm as previously described and remove the tube which is connected to it. Now you can rinse the microfiber strips under running water. Before using the unit again, press the microfiber strips back on again. Microfiber strip lifespan is dependent on use. We recommend changing the microfiber strips after approx. 100 cleaning procedures, though this will depend on the condition of the records cleaned.

If the microfiber strips look worn out, it is recommended that you change them.

To change the microfiber strips, peel them off the vacuum arm and carefully clean the tube with an alcohol-based cleaning fluid. Remove the protective backing from the spare microfiber strips to expose the glue and stick them alongside the suction slot of the vacuum arm. Please take care not to obstruct the suction slot with the microfiber strips.

The smart matrix SILENT should not be used for 24 hours after changing the microfiber strips. The adhesive takes 24 hours to fully dry. If used too soon the strips may not hold properly to the vacuum arm and could damage your records.



Removing the Microfiber Stripes

Reservoir for Cleaning Fluid

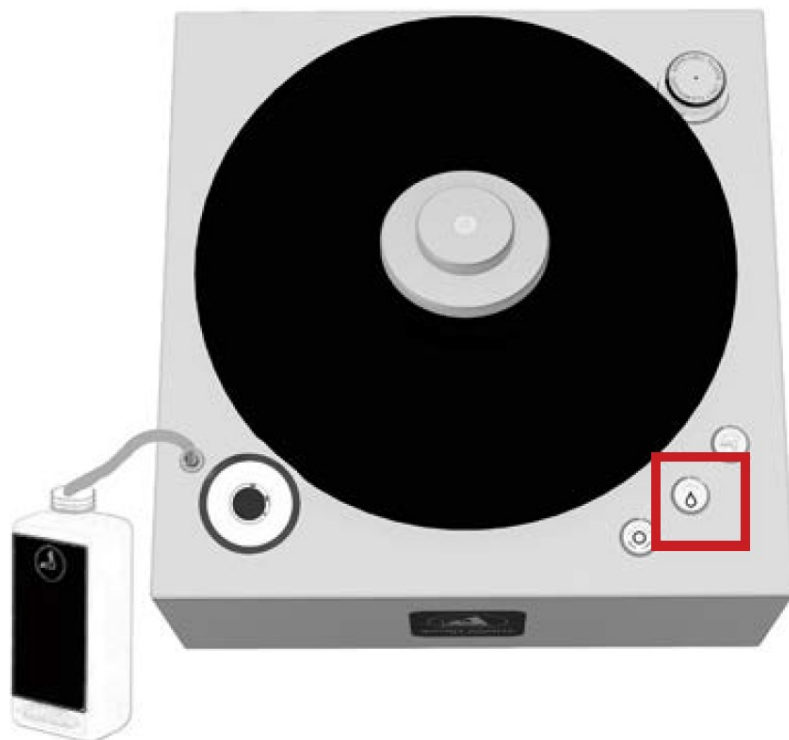
The cleaning fluid reservoir has a capacity of approx. 0.4 liters. We recommend that you fill the tank only with Clearaudio cleaning fluids (available at www.analogshop.de) to receive the best cleaning results.

Attention:

Never use foaming cleaning fluid. Use only cleaning fluids approved for record cleaning machines. Never use any aggressive or acid-based fluids with your smart matrix SILENT machine.



To empty the fluid reservoir tank (to ship the unit or to switch the to another liquid) remove the cleaning-/suction arm. Put the tube of the cleaning- / suction arm into an appropriate vessel. Hold the button “Liquid” to pump the liquid completely out of the tank.



Empty the Fluid Reservoir Tank

Technical Data

Main features:

- Bi-directional rotation of the platter
- Integrated fluid application
- Very rigid chassis
- Included record clamp and single adapter
- Multifunctional cleaning arm for LPs, EPs and singles
- Easy controls

Power consumption:

Max. consumption: Approx. 300 watts Off mode: 0 watts (by switching off at the rear of the machine)

Weight:

Approx. 10.6kg

Dimensions W/D/H:

Approx. 13.58 x 13.58 x 9.25 inches (with record clamp) Approx. 13.58 x 13.58 x 9.84 inches (with dustcover)

Dimensions W/D/H:

Approx. 345 x 345 x 235mm (with record clamp) Approx. 345 x 345 x 250mm (with 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.

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