

INSTRUCTION MANUAL

Read this manual carefully for best results



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RECORD RESTORE!

www.recordrestore.au

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RECORD RESTORE!

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01 IN THE BOX



- **RESTORE Turntable:** provides a secure platform for treating both sides of a record
- **One (1) 90mm Record Support Puck (RSP).** The puck is used to raise the record to facilitate double sided treatment; (a second 90mm puck may be requested for clamping 7” and 10” records)
- **One (1) 110mm Record Support Puck (RSP)** for clamping 12” records in place during application and to protect the label from fluid. It is also used to hold the record during peeling
- **Bottle of RECORD RESTORE!** (includes syringe adapter plug)
- **5ml syringe:** accurately measure the recommend quantity of fluid per record side
- **Stack Rack base, spindle and mounting screw**
- **75mm soft, grey Stack Rack spacer disks** (suitable for all size records)
- **Application brush and cup**
- **Adhesive tape** (for removal of dried film)
- **Film Flicker tool** (handy during peeling)
- **VRCS Mini labels** (for marking treated LPs)
- **Fine tooth comb** for brush maintenance

02 ASSEMBLY



STACK RACK

1. Remove the screw assembly from the Stack Rack spindle
2. Insert the screw with washer in place through the STACK RACK base from the underside
3. Screw on the spindle.
4. Slide a 75mm grey spacer disk on to the spindle



PLATTER

1. Fit the 90mm RSP to the turntable's spindle and press down



◀ Platter showing the puck.

03 FLUID APPLICATION



The objective is to spread a precise amount of **RECORD RESTORE!** to the record. A small syringe and matching adapter plug are provided for this purpose. With the adapter plug installed in the bottle neck the syringe is easily filled with the correct amount by inserting it into the plug, inverting the bottle and withdrawing the syringe plunger to the correct marking.

TIP: prime a dry brush for the first record by placing a couple of mls of **RESTORE** in the cup.



03 FLUID APPLICATION

APPLYING RESTORE! USING THE APPLICATION ACCESSORY KIT

1. Place a record on the turntable on the 90mm RSP. Clamp a 12" record in place with the 110mm Puck (90mm Puck for 7" or 10" record).
2. Insert the syringe into the bottle adapter. Invert the bottle and withdraw the plunger filling the syringe to the 4ml mark (1.8ml for a 7" disc, 3ml for a 10" disc). Withdraw the syringe from the bottle.
3. Place your finger on the Puck and gently spin the record. You will now apply the **RESTORE** in the syringe across the spinning record surface. Starting from the lead in groove gently push in the plunger while moving the syringe towards the lead out groove. Try and achieve a slow, even flow. NB, this is best done using both hands. This will form a spiral pattern of fluid across the playing surface. ▶



Measure 5ml of RECORD RESTORE!



Spin the record and apply Restore!

03 FLUID APPLICATION

Do treat the lead in groove area but not the blank lead out groove area.

4. Spreading the fluid. The most efficient spreading method is to slowly spin the record while moving the brush inwards and outwards across the record several times until there is an even cover. Treat the lead in groove by turning the brush 90 degrees. Do the same at the beginning of the lead out groove to form a distinct edge.



Smooth the RECORD RESTORE! across the record

For right handers, place the index finger and thumb pressed together onto the Puck to rotate the record in a clockwise direction while with the right hand move the brush inwards and outwards across the record surface.

- 5.** Lift off the Puck, flip the record over, replace the Puck and repeat steps 2 – 4
- 6.** Having treated the second side, remove the Puck and transfer the record to the Stack Rack
- 7.** Place a 75mm grey spacer disk on top of the treated record in preparation for the next record ▶

03 FLUID APPLICATION



Drying: allow wet **RECORD RESTORE!** to sit on the records for around two hours to fully penetrate the grooves and dissolve impurities. The fluid will self-level during this period. Drying will be accelerated by then introducing moving air through the Stack. Use a desk fan, airconditioner outlet or open window as suitable sources.

Tap here for a VRCS demonstration Video

Alternatively copy the link below and paste it into your mobile browser

https://youtu.be/LAE9W5_Qmls

03 FLUID APPLICATION



APPLYING RESTORE! WITHOUT THE APPLICATION ACCESSORIES KIT

- 1.** Place the record on a flat surface, side 1 upwards.
- 2.** Insert the syringe into the bottle adapter. Invert the bottle and withdraw the plunger filling the syringe to the 4ml mark (1.8ml for a 7" disc, 3ml for a 10" disc). Withdraw the syringe from the bottle.
- 3.** Apply the RESTORE in the syringe evenly across the record surface. NB, this is best done using both hands to control the syringe and achieve a steady outflow.
- 4.** Do not treat the lead in groove area but not the blank lead out groove area.
- 5.** Spread the fluid about the playing surface using either a soft brush or your fingers until there is an even cover.
- 6.** Allow to dry. Place a piece of adhesive tape on the dried film at the record's edge. Lift the tape and slowly peel the dried film off the record.
- 7.** Repeat steps 2 – 5 on side 2.

04 PEELING THE FILM

It is most important to allow the film to properly dry prior to attempting to peel. Dried film takes on a white appearance. Do not attempt to peel the film before drying has completed as moist film is unlikely to peel properly.


Drying time is influenced by relative humidity and ambient temperature. Room temperature (ie 20° C and above) is recommended for best results. Lower temperatures and higher humidity will lengthen drying time. Fan assisted drying of a fully loaded Stack Rack can be expected to take 3-5 hours.



Partially dried



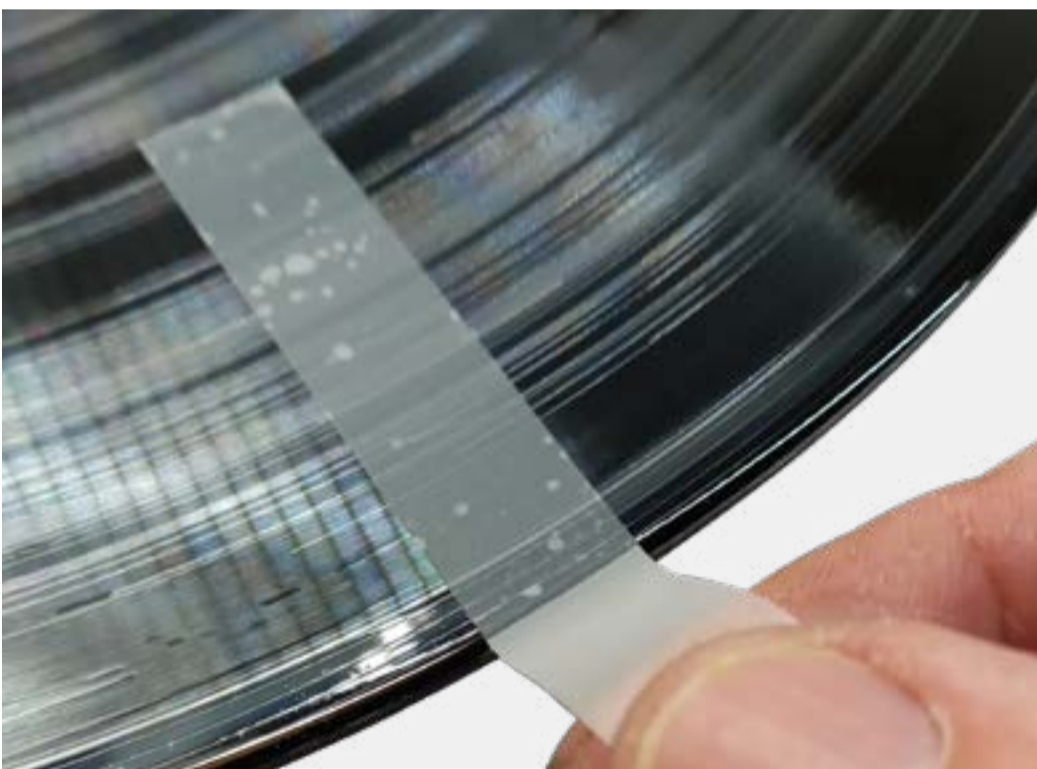
Fully dried

PEELING: Dried film is most easily peeled when the record is secured on the RESTORE Turntable using the RSPs in the same manner as previously. Prepare approx. 50mm (2”) of the adhesive tape and apply it across the film at the record’s edge. Overhang the record’s edge, half on and half off the record. Rub 

04 PEELING THE FILM



your finger on the part of the tape on the record to ensure good contact. Pinch the overhanging tape at the record's edge between thumb and forefinger and start to lift the dried film.



Do not try to peel too quickly. The Film Flicker tool can be helpful to nudge film off the edge of the record as the peeling begins. Should the film break during peeling, use the Flicker tool's point to lift film at the point of breakage. Any film remnants may be removed by lightly touching with a fresh piece of adhesive tape. Discard the peeled film.



TIP: use the supplied foam wedges or surplus foam packing in the box wedged under the edge of the platter to lock it while peeling.



Flip the LP on the VRC Turntable, secure with the puck and peel the second side, discarding the used film. The cleaned LP may now go back in its cover.

Place a VRC mini label on the top right corner of the record cover to indicate the record has been restored.

05 CLEAN UP

At the end of the session, clean the brush well in warm water, ensuring no fluid remains on the bristles, before storing. The brush should be dry before reuse.

Dried **RECORD RESTORE!** on the brush can be removed by soaking the brush in warm water until soft. Use the fine comb to remove any residue film and then rinse well and dry.

Clean the syringe after use by drawing warm water in and out of the barrel several times.

06 ENHANCING RESULTS



In most cases, a single **RECORD RESTORE!** application will deliver a total restoration, especially on older records. Occasionally, an older record may exhibit a particularly stubborn 'spot' producing a pop on playback. In these instances and provided the pop noise is not caused by physical damage, a second treatment may prove beneficial. This effect has also been observed for records exhibiting unwanted noise or less than ideal performance after treatment with alternative cleaning methods.

07 FAQ/TIPS



Is it necessary to pre-wash or otherwise clean a record before applying RECORD RESTORE!?

No. **RECORD RESTORE!** delivers a more effective clean than alternative methods.

How long can dry RECORD RESTORE! film be left on a record?

Once dry, film removal can be undertaken at any time. The film actually contracts slightly once fully dry making it even easier to peel.

Do not dilute **RECORD RESTORE!** The resulting mixture has been known to dry to a hard shell.

Rather than putting your clean LPs back in the same sleeve, pick up a pack of new anti-static sleeves from our website

Observe the Best Before date on the bottom of the bottle to ensure you get best performance from your **RECORD RESTORE!**

A clean stylus is as important to high fidelity playback as clean grooves.

This is especially so for microline, microridge and Shibata style styluses. These styluses sit lower in the groove and with a longer contact profile are more easily fouled by grime and grit.

The VRC Stylus Tip Cleaner (STC) safely removes unwanted dirt from the stylus. The design of the STC offers advantages over alternative methods as it allows a unique polishing action within the normal operating parameters of the stylus and cartridge.



The VRC STC with STC-Tak (blue) is an easy, safe and convenient method for maintaining a clean stylus

Tap here for a VRC STC demonstration Video

Alternatively copy the link below and paste it into your mobile browser

https://youtu.be/aGsrucvl_aw