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## RECOMMENDED MAINTENANCE of DOWNLOADING JUKEBOXES

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**Heat is the biggest enemy of electronic components. Proper maintenance is essential for maximum earnings and reliability.**

It is very important to keep all cooling fans and filters clean. Once dust and dirt is visible on a cooling fan, the airflow is reduced by at least 25%. There are several cooling fans in the Rock-Ola jukebox (see illustration on back).

### **Recommended preventative maintenance:**

**Routine Service.** Performed at each collection and takes about 3 minutes.

1. Check that the cabinet cooling fans are not blocked.
2. Check CPU fan from the “View Hardware Status” screen.
3. Visually inspect the Power Supply Fan for operation. It should be spinning at a high speed at all times.
4. Visually inspect the amplifier fan for operation. It should be spinning at a low speed if not playing and a higher speed if playing.
5. Be sure nothing is resting on top of a wall unit or otherwise blocking the airflow around any machine.

**Minor Service.** Perform a minimum of every 3 months if operating more than 14 hours per day, operating where smoking is allowed, or otherwise a dusty environment. Perform a minimum of every 6 months if operated less than 14 hours per day in a very clean environment. You will need a new, soft 2” paintbrush\*.

1. Remove filters, clean and replace.
2. Gently, brush\* dirt from the cabinet cooling fans. Verify operation
3. Brush\* dirt from the power supply fan.
4. Brush\* dirt from the amplifier fan.
5. Check the operation of the CPU fan from the “view hardware status” screen.
6. Listen to the power supply fan and CPU fan for excessive noise or vibration.
7. Be sure the amplifier fan is running.
8. Clean the DBA with an approved cleaning card.
9. Clean the Credit Card Reader with an approved cleaning card.
10. Clean and calibrate the touchscreen. Degauss the CRT monitor, if used.

**Annual Service.** Perform every year in addition to everything in the minor service.

1. Check fluorescent lamps for excessive blackening of the ends or flickering. Replace if necessary.
2. Vacuum the interior of the cabinet and fans.
3. Inspect the power cord for fraying or damage.
4. Check power ground.
5. Check all LAN connections and wiring.
6. Listen to all speakers to make sure they are operating correctly.

***Scheduled Maintenance always costs less in time and money than an unscheduled breakdown.***

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