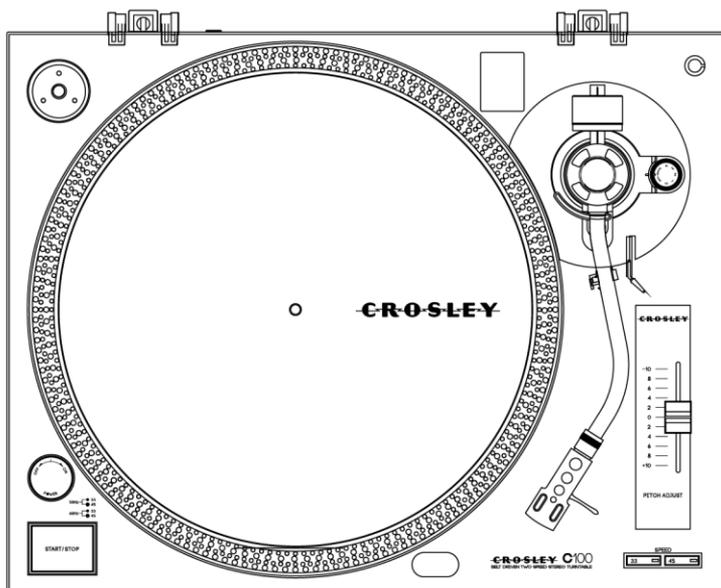




C100A
C100 Turntable
Instruction Manual



Questions, problems, missing parts?
Before returning to the store, call Customer Service
8 a.m. – 6 p.m., EST, Monday – Friday
1-888-CROSLEY
www.crosleyradio.com

Safety Instructions

Read and understand this entire manual before using this product. Keep these instructions for future reference.

1. Read Instructions - All the safety and operating instructions should be read before the product is operated.
2. Retain instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the product and in the operating Instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
9. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. Power Sources - This product should be operated only from the type of power source indicated on the marking label, if you are not sure of the type of power supply to your home. Consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
11. Grounding or Polarization - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
12. Power - Cord Protection - Power - supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
13. Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power - line surges.
14. Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
15. Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
16. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
17. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
18. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions;
 - a. When the power-supply cord or plug is damaged.
 - b. If liquid has been spilled, or objects have fallen into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.



AC
Polarized Plug

- e. If the product has been dropped or damaged in any way. This indicates a need for service.
 - f. When the product exhibits a distinct change in performance
19. Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
 20. Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
 21. Wall or ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
 22. Heat - The product should be situated away from heat sources such as radiators. Heat registers, stoves, or other products (including amplifiers) that produce heat.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

WARNING:

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION:

Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure

	CAUTION OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER - SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.	
	The exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.	
	CAUTION For Compact Disc Units Only: INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO LASER BEAM.	

Items in this package

Before throwing away any packaging materials, please check thoroughly and make sure you find the following items that come along with this package:

- Turntable
- Turntable Lid
- Turntable Platter
- Turntable slip mat
- Headshell
- 45 RPM adapter
- Tonearm Counterweight

Please contact Crosley customer service if there is any accessory missing from the package. **Retain the original packaging materials for exchange or return purposes.**

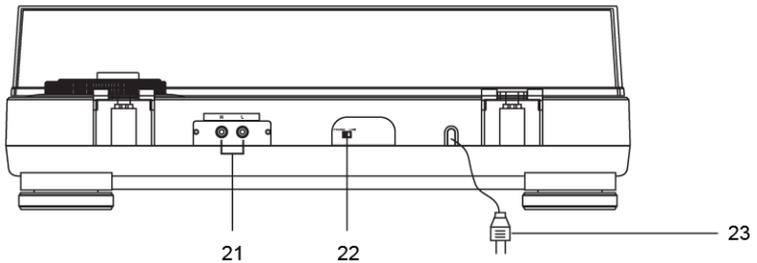
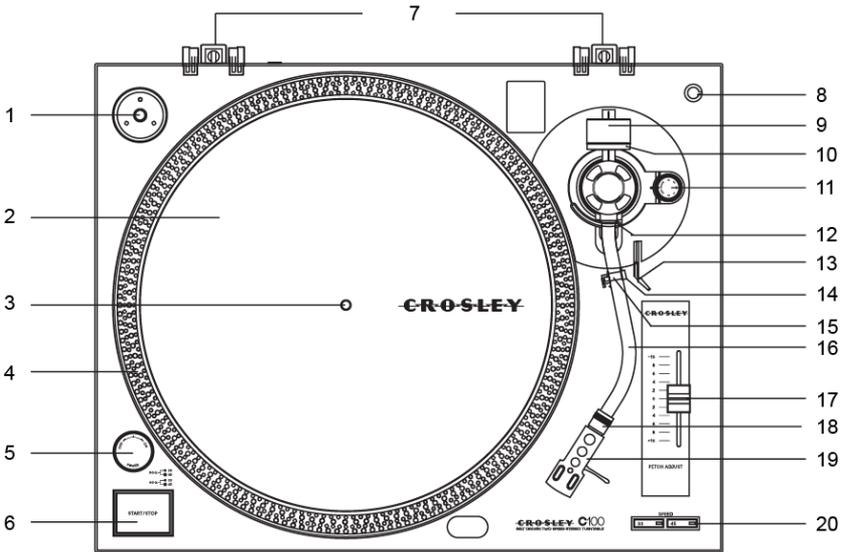
Specifications

Power	AC 120V, 60Hz
Power consumption	8W
Turntable speed	33 ¹ / ₃ , 45 RPM
Turntable Dimension	17.72"x13.78"x5.71" (W x D x H)
Turntable Weight	10 lbs
Replacement Needle	Crosley NP5
Needle Pressure	3.5±0.5g
Anti-Skate	0~4

Note:

- *Design and specifications are subject to change without notice.*
- **To help save power consumption, some models will comply with ERP energy saving standard. When there is no audio input for 20 minutes, their powers will automatically cut-off. To turn power back on and resume playing, you will need to turn off the power and turn it on again.**

Product Description



- | | |
|--------------------------------|----------------------------|
| 1. 45 RPM Adapter | 13. Cue Lever |
| 2. Turntable Platter | 14. Tonearm Rest |
| 3. Turntable Spindle | 15. Hold Down Clip |
| 4. Strobe Dots | 16. Tonearm |
| 5. Power Knob | 17. Pitch Control |
| 6. Start/Stop Button | 18. Headshell Locking Ring |
| 7. Hinges | 19. Headshell |
| 8. Spare Headshell Holder | 20. Speed Selector |
| 9. Tonearm Counterweight | 21. Phono/Line Jacks |
| 10. Downforce Scale Dial | 22. Phone/Line Switch |
| 11. Anti-Skate Adjustment Dial | 23. Power Cord Plug |
| 12. Tonearm Lift | |

Initial Setup

Essential Setup

1. Place the unit on a flat and level surface. The selected location should be stable and free from vibration.
2. Install the turntable lid to the hinges.
3. Remove the tie-wrap that is holding the tonearm.
4. Install the turntable platter and drive belt accordingly
5. Place the slip mat on top of the turntable platter.
6. Insert the **Headshell** into the socket at the front of the tonearm, and then turn the **Headshell Locking Ring** counter-clockwise. As the ring turns, it pulls the headshell into its seated position.
7. Slide **Tonearm Counterweight** onto tonearm and twist it lightly onto the rear shaft of the tonearm.
8. Adjust the counterweight to set proper stylus pressure.

Note: Do not plug the AC power adaptor to power outlet before all the assembly is completed. Before turning the power on, make sure again all the connection settings are correct. Always turn off the power when connecting or disconnecting.

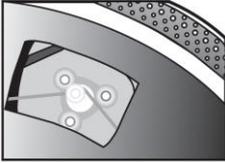
Tonearm Counterweight Adjustment for Stylus Pressure

1. Remove the stylus protector from the cartridge and avoid touching the stylus tip during the adjustment.
2. Release the tonearm **Hold Down Clip**, gently hold the tonearm and move it away from the **Tonearm Rest**. At this point, the tone arm is unbalanced and free to swing.
3. While gently holding the tonearm, carefully rotate the **Counterweight** towards the front of the turntable until the tonearm is horizontally balanced and hovers freely just above the platter without the stylus touching the platter surface.
4. Return the tonearm to the **Tonearm Rest** and lock the **Hold Down Clip**.
5. While holding the counterweight steady without any rotation, rotate carefully only the **Downforce Scale Dial** until the "0" on the scale lines up with the centerline marked along the top of the tonearm.
6. Rotate the counterweight including the downforce scale dial counter-clockwise (as seen from the front of the turntable) until the scale shows the recommended pressure value for stylus.

Note: The recommended pressure for the factory-installed cartridge is $3.5 \pm 0.5g$

Turntable Platter and Belt Setup

1. Install the drive belt over the inner ring under the platter and make sure it won't fall off during the setup.
2. Place the platter through the turntable spindle, then rotate the platter until you see the drive motor pulley through the window at the top right corner.
3. Carefully grab the drive belt and put it around the slot of motor pulley.



Phono/Line Switch

For increased flexibility of use, this unit has a built-in stereo phono pre-amplifier. If you prefer to use the phono input of your stereo system or your standalone phono pre-amplifier, set the Phono/Line switch to the PHONO position. Otherwise, please set it to LINE position and make connection to the AUX input or other high-level input on your stereo system.

Stereo System Connection

RCA Jacks

- The RCA Jacks of this unit are shared as both the Phono output jacks and the Line output jacks. They are determined by the **Phono/Line Switch**.
- When used as a line output, the jacks output analog line-level signals and could be connected directly with a pair of active speakers or the appropriate input of your stereo system. When used as a Phono output, they should be connected to the phono pre-amp or the phono input of the stereo system.
- The Red plug connects with the Right channel and the White plug connects with the Left channel.

Note:

- If the Phono/Line switch is set at LINE position but RCA jacks connected to the stereo system's phono input, the sound might be distorted due to input overload and could damage your stereo system.
- If the Phono/Line switch is set at PHONO position but RCA jack connected to the stereo system's line input, the volume will be very low due to lacking signal pre-amplification.
- RCA Jack is not designed to be connected directly to the passive/unpowered speakers and if it does, the volume will be very low.

Turntable Operation

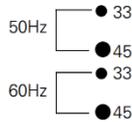
1. Turn the Power Knob clockwise to turn on the power.
2. Set the **Speed Switch** accordingly.
3. Place the record on the turntable. Use the **45 RPM Adapter** if necessary.
4. Remove the stylus protector from the stylus assembly.
Note: To avoid stylus damage, make certain the included stylus guard is in place whenever the turntable is being moved or cleaned.
5. Press the **Start/Stop Button** to start the turntable platter's rotation.
6. Release the tonearm **Hold Down Clip**.
Note: when the turntable is not in use, remember to lock back hold down clip.
7. Use the **Cue Lever** to lift up the tonearm.
8. Gently move the tonearm over the record where play is desired to begin. Set the **Cue Lever** back to the down position, the tonearm will descend slowly onto the record and begin to playback.
9. When the record is finished playing, use the **Cue Lever** again to raise the tonearm and then return it to the **Tonearm Rest**. Release the lever to let the tonearm sit back at its rest. To suspend the playback, repeat the same steps.
10. Lock the **Hold Down Clip** to secure the tonearm.
11. Press the Start/Stop Button again to stop the turntable platter's rotation. Turn the Power Knob counter-clockwise to turn off the power.

Anti-skate Adjustment

- A small outward “anti-skating” force can be applied to the tone arm to compensate for the “skating” force that pulls the arm toward the center of the record.
- For best performance during normal turntable usage, it is recommended to set the anti-skate control knob to the same value as indicated by the downforce scale dial.

Pitch Control Adjustment

- There are two sets of strobe dots at the edge of the platter, upper set for AC frequency 50Hz and bottom set for AC frequency 60Hz.

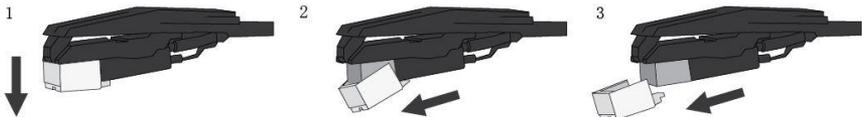


- When the platter is spinning, observe the strobe dots on the edge of the platter. As illuminated by the light coming from the strobe illuminator, if the appropriate row of strobe dots appears to be stationary, the platter is spinning at the precise rated speed.
- If the dots appear to be moving to the right, the platter is spinning below rated speed; if they appear to be moving to the left, the platter is spinning above rated speed.

Needle Replacement

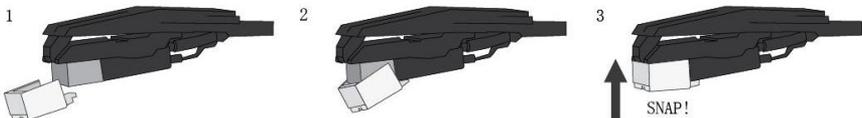
Removing Needle

- Gently pull down the front edge of the needle.
- Pull needle forward.
- Pull out and remove.



Installing Needle

- Position the needle with its tip facing down.
- Line up the back of the needle with the cartridge.
- Insert the needle with its front end at a downward angle and gently lift the front of the needle upward until it snaps into place.



Cartridge Replacement

1. Before replacement, put the stylus protector back on the stylus to prevent damage to the stylus during the replacement process.
2. Turn the headshell locking ring clockwise to release the headshell and remove it from the tonearm.
3. Carefully remove the wire leads from the original cartridge
4. Loosen the two screws on the headshell that are securing the cartridge and then remove the original cartridge.
5. Mount the new cartridge to the headshell and tighten it lightly. Do not completely tighten the screws at this moment.
6. Connect the wire leads to the new cartridge's terminals .The wire lead color codes are as below:

White	Left channel positive	(L+)
Blue	Left channel negative	(L-)
Red	Right channel positive	(R+)
Green	Right channel negative	(R-)
7. Install the headshell back to the tone arm and lock the headshell ring.
8. Adjust the cartridge's position to make sure it is precisely aligned on the headshell so that the stylus will be tracking parallel to the grooves. Tighten the screws completely once the perfect alignment is achieved.

Note: For best result, use a cartridge alignment protractor to aid the alignment process.

Turntable Maintenance

1. Do not touch the stylus tip with your fingers. Avoid bumping the stylus on the turntable mat or a record's edge.
2. Clean the stylus frequently with a soft brush with a back-to-front motion only.
3. Clean the records to get rid of dust or grease with a record cleaning brush and record cleaning solution.
4. Clean the turntable lid and turntable cabinet with a slightly dampened microfiber cloth.

Note: Do not use cleanser other that contains alcohol, benzene or any other harsh chemicals, which might damage the paint and finish of the turntable.

**** Crosley offers a product line of different cleaning accessories. Please ask your retailer or check out our website www.crosleyradio.com for more cleaning product information.**

Troubleshooting

There is no power

- No power at the power outlet.
- To help save power consumption, some models will comply with ERP energy saving standard. When there is no audio input for 20 minutes, their powers will automatically cut-off. To turn power back on and resume playing, turn off the power and turn it on again.

Power is on, but the platter does not turn

- Turntable mode is not selected.
- Turntable's drive belt is not installed or has slipped off.

Turntable is spinning, but there is no sound, or sound not loud enough

- Stylus protector is still on.
- Tone arm is lift up by the lever.

Record sounds too fast or too slow.

- Wrong speed selected for the record.
- Pitch Control is not adjusted correctly.

FCC Statements

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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