

RCA RCPJ100A1 Digital Alarm Clock Time Projector with Color Display



RCA RCPJ100A1 Digital Alarm Clock Time Projector with Color Display User Manual

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RCA RCPJ100A1 Digital Alarm Clock Time Projector with Color Display



Product Information

Specifications

- **Model:** RCPJ100A1
- **Power Supply:** 120 V ~ 60 Hz
- **Power Consumption:** 5 Watts

Product Usage Instructions

General Controls

The front view of the product includes the SNOOZE/LIGHT button at the top, the projector, weather symbol, and temperature trend line.

Clock Setting

1. In normal time display mode, press and hold the MODE button on the back of the clock until the hour digits flash on the display.
2. Use the UP and DOWN buttons to adjust the hour.
3. Press MODE to confirm. The minutes digits will then flash.
4. Adjust the minutes using the UP and DOWN buttons.
5. To save and exit the time setting mode, press MODE.

Switching Time Display Mode

To switch between 12-hour and 24-hour time display modes, press and hold the UP button on the back of the clock until the time display switches.

Frequently Asked Questions (FAQ)

- **Q: How do I set up the projector?**

A: The projector is set up by pressing the appropriate button on the front view of the product. Adjust the angle of the projector for optimal display.

- **Q: What should I do if the apparatus has been damaged?**

A: If the apparatus has been damaged in any way, such as exposure to liquid or physical damage, servicing is required. Do not attempt to use the product if it has been damaged.

- **Q: How do I dispose of used batteries properly?**

A: To protect the environment, dispose of used batteries in specially designed receptacles. Do not expose batteries to excessive heat or dispose of them in regular waste bins.

user manual

PLEASE READ AND SAVE THIS FOR FUTURE REFERENCE

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF “DANGEROUS VOLTAGE” INSIDE THE PRODUCT.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (ON BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.

SEE MARKING ON BOTTOM / BACK OF PRODUCT

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Some of the following information may not apply to your particular product; however, as with any electronic product, precautions should be observed during handling and use.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong.

- The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



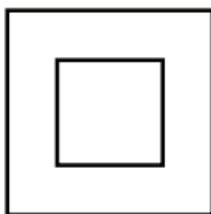
Portable Cart Warning

- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

ADDITIONAL SAFETY INFORMATION

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Always leave sufficient space around the product for ventilation. Do not place product in or on a bed, rug, in a bookcase or cabinet that may prevent air flow through vent openings. Do not place lighted candles, cigarettes, cigars, etc. on the product.
- Connect power cord only to AC power source as marked on the product.
- Care should be taken so that objects do not fall into the product.
- Do not attempt to disassemble the cabinet. This product does not contain customer serviceable components.
- To be completely disconnect the power input, the mains plug adaptor of apparatus shall be disconnected from the mains.
- Mains plug is a disconnect device. The mains plug should not be obstructed OR should be easily accessed during intended use.
- The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- No naked flame sources, such as lighted candle, should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal.
- The use of apparatus in moderate climates.

This is class II equipment designed with double or reinforced insulation so it does not require a safety connection to electrical earth (US: ground).



Important battery precautions

- Any battery may present a risk of fire, explosion, or chemical burn if abused. Do not try to charge a battery that is not intended to be recharged, do not incinerate, and do not puncture.
- Non-rechargeable batteries, such as alkaline batteries, may leak if left in your product for a long period of time. Remove the batteries from the product if you are not going to use it for a month or more.
- If your product uses more than one battery, do not mix types and make sure they are inserted correctly. Mixing types or inserting incorrectly may cause them to leak.
- Discard any leaky or deformed battery immediately. They may cause skin burns or other personal injury.
- Please help to protect the environment by recycling or disposing of batteries according to federal, state, and local regulations. WARNING: The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like. Ecology
- Help protect the environment – we recommend that you dispose of used batteries by putting them into specially designed receptacles. CAUTION
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Electrical consumption

- **Power Supply:** 120 V ~ 60 Hz
- **Power Consumption:** 5 Watts

FCC information

Note: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Changes or modifications not expressly

approved by Voxx could void the user's authority to operate the equipment.

Industry Canada Regulatory Information Avis d'Industrie Canada
CAN ICES-3 (B) / NMB-3 (B)

Before you begin

Refer to the Clock section for instructions on properly setting the Clock.

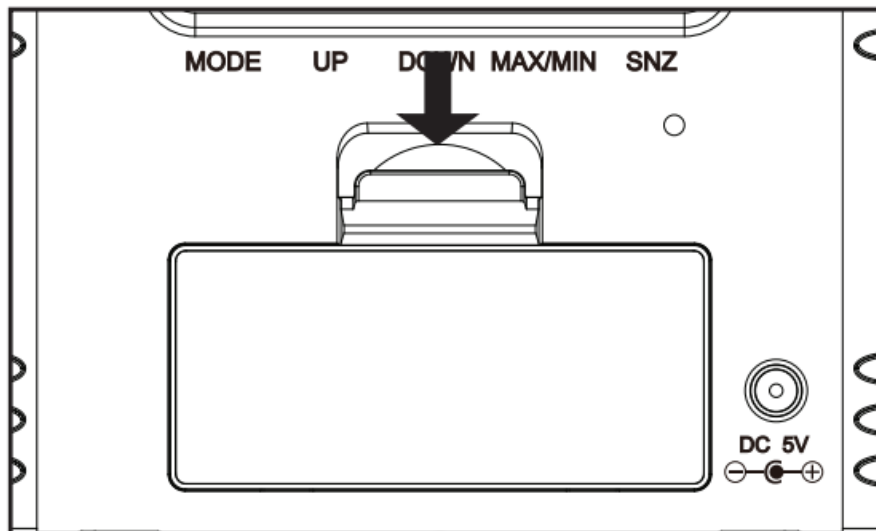
Battery back-up operation

- This clock is equipped with a time back-up system that is powered by 2 AAA batteries (not included). The power failure protection circuit will not operate unless batteries are installed.
- When normal household power is interrupted, or AC line cord is unplugged, the battery back-up will power the clock to keep track of time and alarm settings programmed into memory.
- Normal operation will resume after AC power is restored so you will not have to reset the time or the alarm.

Note: It is recommended to replace the batteries at least once per year even if no power failures have occurred.

To install the batteries:

1. Open the battery compartment on the back of the clock by pressing on the tab and removing the cover.



2. Insert 2 AAA batteries (not included). Make sure to match the battery polarity marked in the battery compartment.
3. Put the cover back on the compartment and click it into place.

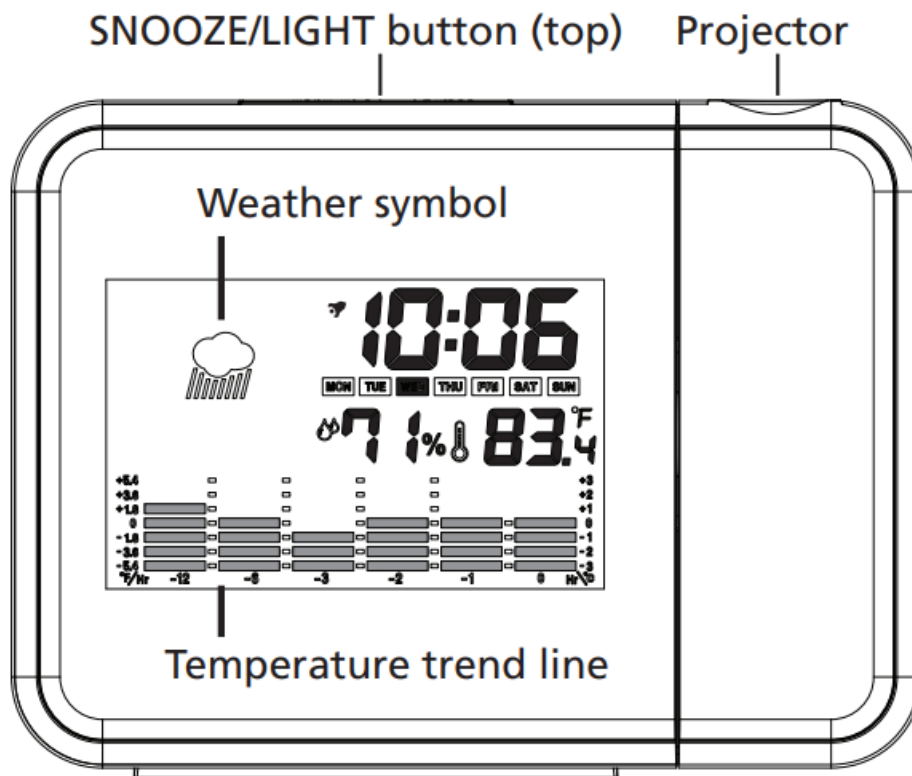
Power failure indicator

If you have not installed batteries in the product, or the batteries run out while AC power is disconnected, the clock and alarm settings will be lost. After AC power is reconnected, the time 12:00 will be shown on the LCD screen to indicate that power was interrupted and you should readjust the time settings.

General controls

Front view

- SNOOZE/LIGHT – Pauses the alarm for 8 minutes while it's going off. Turns on the display and projector for 5 seconds when using battery power.
- PROJECTOR – Projects the time onto your ceiling or wall.
- TIME/DATE – Shows the current time in 12- or 24-hour mode. Press the MODE button on the back of the clock to display the date.
- DAY – Shows the day of the week.



- WEATHER SYMBOL – Shows the clock's reading of the environmental conditions (humidity). Note that air conditioning or central heating will affect this weather symbol.
 - Indicates that an alarm has been set and is active.
 - Shows the relative humidity (indoors).
 - Shows the temperature (indoors).



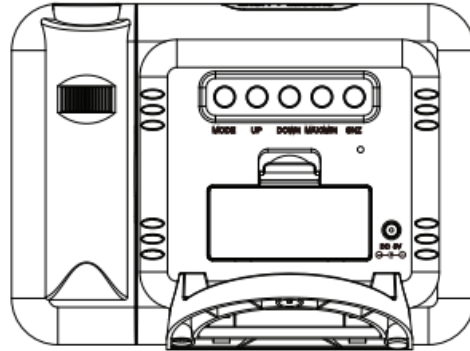
- TEMPERATURE TREND LINE – Shows the variation in temperature (indoor) over the last 12 hours.

Back view

- MODE – Switches between time and date display. Press and hold to access time setting, calendar setting, and alarm setting modes.
- UP – In time/calendar/alarm set modes, increases the hour, minute, or day by one. In normal time display mode, activates/deactivates the alarm (single press) or switches between 12- and 24-hour display (press and

hold).

- DOWN – In time/calendar/alarm set modes, decreases the hour, minute, or day by one. In normal time display mode, switches the temperature display between degrees Fahrenheit and Celsius.
- MAX/MIN – Shows the maximum (press once) and minimum (press twice) humidity and temperature registered by the clock in the past 12 hours.
- SNZ – Pauses the alarm for 8 minutes while it's going off.



Clock

Setting the time

1. In normal time display mode, press and hold the MODE button on the back of the clock until the hour digits flash on the display.
2. Press the UP and DOWN buttons to adjust the hour.
3. Press the MODE button to confirm. The minutes digits flash.
4. Press the UP and DOWN buttons to adjust the minutes.
5. To save and exit the time setting mode, press MODE.

NOTE: By default, the time is displayed in 12-hour mode (AM/PM). If you'd like to switch to 24-hour mode, press and hold the UP button on the back of the clock until the time display switches.

Setting the calendar

1. In normal time display mode, press the MODE button on the back of the clock once to enter calendar setting mode.
2. Press and hold the MODE button on the back of the clock until the year digits flash on the display.
3. Press the UP and DOWN buttons to adjust the year.
4. Press the MODE button to confirm. The months digits flash.
5. Press the UP and DOWN buttons to adjust the month.
6. Press the MODE button to confirm. The date digits flash.
7. Press the UP and DOWN buttons to adjust the date.
8. To save and exit the calendar setting mode, press MODE.

Alarm function

Set alarm time

1. In normal time display mode, press the MODE button twice to enter alarm set mode.
2. Press and hold the MODE button until the hour digits start to flash.
3. Press the UP and DOWN buttons to set the hour you want for the alarm.

NOTE: If you're using 12-hour mode time display, make sure you choose the correct AM/PM setting when you set the hour

4. Press MODE to confirm. The minutes digits start to flash.
5. Press the UP and DOWN buttons to set the minutes you want for the alarm.
6. Press MODE to confirm and return to normal time display.

NOTE: If you go more than 10 seconds without pressing a button while setting the alarm, the clock returns to normal time display.

Turning the alarm on/off

- Press the UP button on the back of the clock to turn the alarm on or off. The alarm icon  appears on the display when the alarm is active.
- While the alarm is sounding, you can press any button on the back of the clock (except for SNZ) to deactivate the alarm.

Using SNOOZE

- Press the SNOOZE/LIGHT button on the top of the clock. The alarm icon  on the display will flash and the alarm will sound again when the snooze period (8 minutes) is over.
- To deactivate SNOOZE, press any button on the back of the clock (except for SNZ).

Temperature and humidity

Showing maximum and minimum humidity/temperature

- Press the MAX/MIN button on the back of the clock once to display the clock's maximum humidity and temperature readings on its display.
- Press the MAX/MIN button a second time to display the clock's minimum humidity and temperature readings on its display.
- Press the MAX/MIN button a third time to return to the current temperature and humidity readings.

Changing between Fahrenheit and Celsius

By default, this clock displays its temperature readings in degrees Fahrenheit.

- To switch to degrees Celsius, press the DOWN button on the back of the clock.
- To switch back to degrees Fahrenheit, press the DOWN button on the back of the clock again.

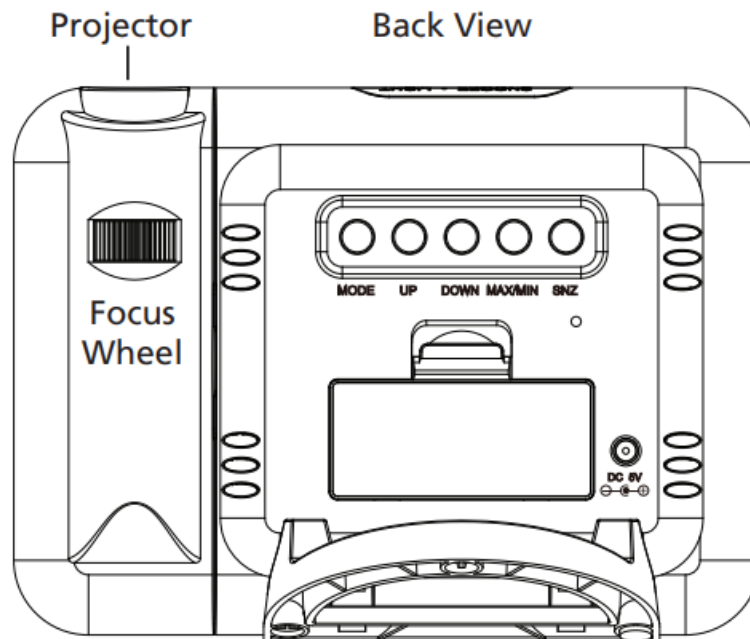
Clock projector

A time projector is located on the right side of the unit. Clock time can be projected onto ceilings or walls in a darkened environment for easy reference. The distance between the projector and the projected surface should be within 3 to 9 feet.

To use the projector: Aim the projector arm at the surface you want to project onto.

Rotate the FOCUS WHEEL to adjust the focus of the projected image.

Note: These directions are for using the projector while the clock is plugged in. To use the projector and display on battery power, press the SNOOZE/LIGHT button on top of the clock. The display and projector will illuminate for 5 seconds.



Warranty information

12 Month Limited Warranty

Applies to RCA Clock Radios Voxx Accessories Corporation (the "Company") warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of the warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to an approved warranty station. For the location of the nearest warranty station to you, call toll-free to our control office: 1-800-645-4994.

This Warranty is not transferable and does not cover product purchased, serviced or used outside the United States or Canada. The warranty does not extend to the elimination of externally generated static or noise, to costs incurred for the installation, removal or reinstallation of the product.

The warranty does not apply to any product or part thereof which, in the opinion of the company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident or exposure to moisture. This warranty does not apply to damage caused by an AC adapter not provided with the product, or by leaving non-rechargeable batteries in the product while plugged into an AC outlet.

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY

IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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A PARTICULAR PURPOSE, SHALL BE LIMITED TO DURATION OF THIS WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER, INCLUDING ANY IMPLIED WARRANTY, MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM THE DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states/provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state/province to state/province.

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- 3502 Woodview Trace, Suite 220
- Indianapolis, IN 46268
- Audiovox Canada Ltd.
- 6685 Kennedy Road,
- Unit#3, Door 14
- Mississauga, Ontario L5T 3A5
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Documents / Resources



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RCPJ100A1 Digital Alarm Clock Time Projector with Color Display, RCPJ100A1, Digital Alarm
Clock Time Projector with Color Display, Clock Time Projector with Color Display, Projector with
Color Display, Color Display, Display

References

- [User Manual](#)

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