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Nippon America RCN-AC102

Nippon America Universal Air Conditioner Remote Control RCN-AC102

INSTRUCTION MANUAL

1. Product Overview

The Nippon America Universal Air Conditioner Remote Control RCN-AC102 is designed to replace lost or broken air conditioner controllers. It offers compatibility with over 1000 models from various brands, providing a versatile solution for managing your air conditioning unit. This remote features a digital display and essential functions for comfortable climate control.



Figure 1: Front view of the Nippon America Universal Air Conditioner Remote Control RCN-AC102.

2. Package Contents

- Universal Air Conditioner Remote Control RCN-AC102
- Instruction Manual with Code List



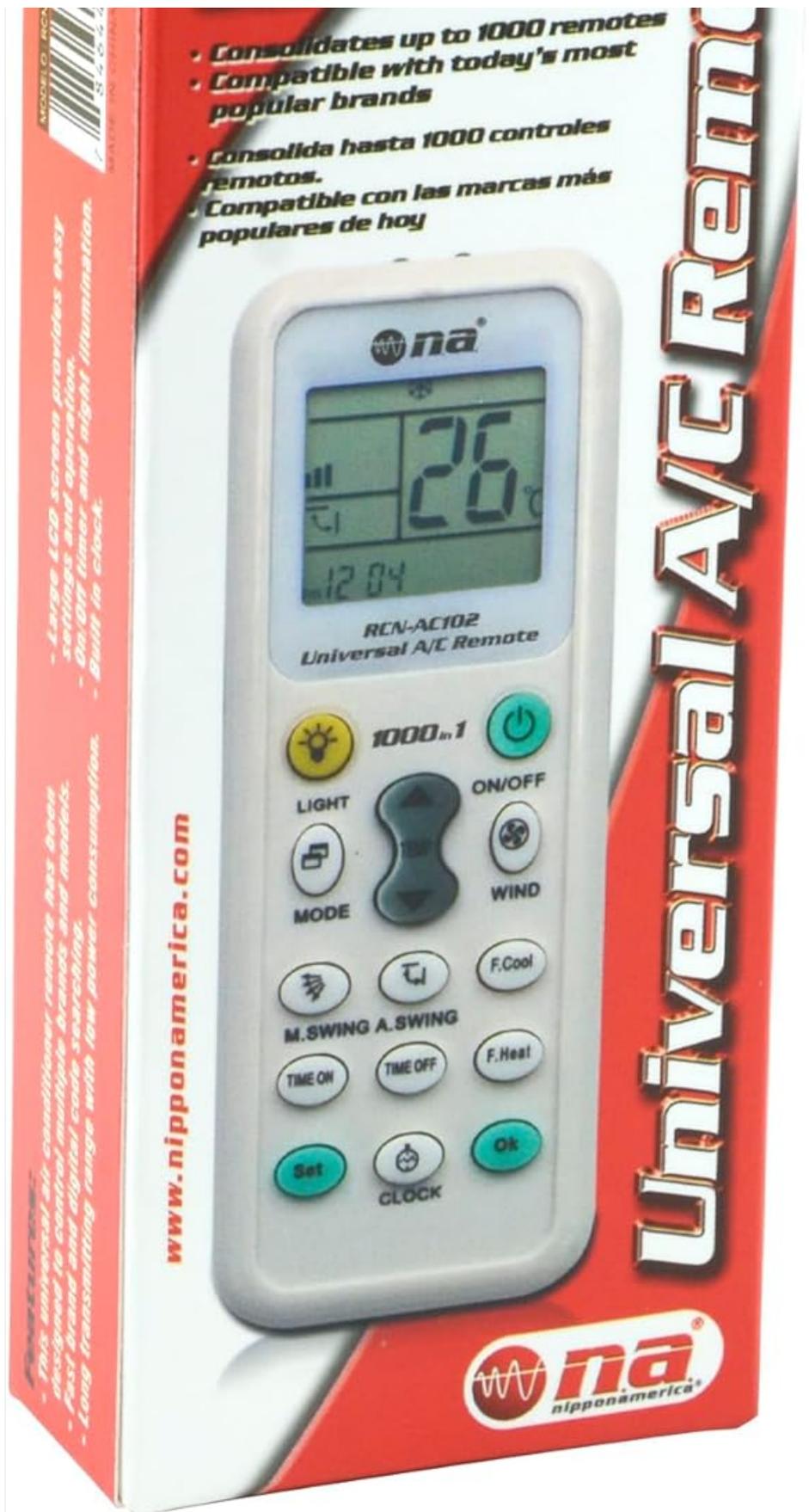


Figure 2: The remote control as it appears in its retail packaging.

3. Getting Started (Setup)

3.1. Battery Installation

The remote control requires two AAA batteries (not included). Ensure correct polarity when inserting.

1. Open the battery compartment cover on the back of the remote control.
2. Insert two AAA batteries, matching the positive (+) and negative (-) terminals correctly.
3. Close the battery compartment cover securely.





Figure 3: Location of the battery compartment on the remote control.

3.2. Programming the Remote Control (Code Setup)

To ensure compatibility with your air conditioner, the remote must be programmed with the correct code. There are two primary methods: Manual Code Entry and Automatic Search.

Method 1: Manual Code Entry

1. Locate your air conditioner brand in the provided code list (refer to Figure 4). Note down the corresponding 3 or 4-digit code.
2. Press and hold the **SET** button for approximately 3 seconds until the code digits on the LCD display start flashing.
3. Use the **TEMP ▲** (Up) or **TEMP ▼** (Down) buttons to enter the first digit of your air conditioner's code.
4. Repeat for the remaining digits.
5. Once the full code is displayed, point the remote at your air conditioner and press the **OK** button to confirm. The air conditioner should respond (e.g., beep or turn on/off).
6. If the air conditioner does not respond, try the next code listed for your brand or proceed to Method 2.

Method 2: Automatic Search

1. Point the remote control directly at your air conditioner.
2. Press and hold the **SET** button for approximately 6 seconds until the code digits on the LCD display start flashing and the remote begins transmitting codes automatically.
3. The remote will cycle through codes. When your air conditioner responds (e.g., beeps or turns on/off), immediately press the **OK** button to save the code.
4. Verify that all basic functions (ON/OFF, temperature, mode) work correctly. If not, repeat the automatic search process.

Applicable brands / Marcas aplicables			
ACSOM	GALANZ	MBO	SHUAIKANG
AIDELONG	GEER	MCQUAY	SKYWORTH
AITE	GLBAL	MD	SIGMA
AKIRA	GLEE	MEILING	SOGO
AMICO	GOLDSTAR	MI	SONGLINXIA
ALPIN	GOLDSTAR	MINGXING	SONGXING
AUCMA	GOME	BOYIN	SOVA
AUX	GREE	MITSUBISHI	SOYEA
AOKE	GRNERAL	MITSUKA	SPEED
APTON	GUANGDA	MINGYI	STARIGHT-AIRCON

AZ	GUANYUAN	NATIONAL	SUNBURG
BAIXUE	GUQIAO	/Panasonic	SUNONGJIWU
BANSHEN	HAIER	NIKKO	TADIAR
BAIXUE	HANDIAN	NISO	TADIRAN
BEIJING JINGDIAN	-KONGTIAO	NINGBO	TAIYA
BLUE STAR	HELTON	-HUIKANG	TCL
BIG-THUMB	HEMILTON	NUNI-AIR	TECO
BROTHER	HISENSE	NORCA	TIANJINGKONGTIAO
BOCSH	HITACHI	OLYMPUS	TIANYUAN
BOERKA	HONGYI	OLI	TOBO
BOLE	HONEYWELL	OPAL	TOYO
BOSHI	HUABAO	ONIDA	TOYOHUIFENG
BOSHIGAO	HUAGAO	PANDA	TOSHIBA
CAIXING	HUAKE	PEREG	TRANE
CARRIER	HUAMEI	PHILCO	UCHIDA
CHANGFENG	HUANGHE	PILOT	UNI-AIR
CHANGFU	HUALING	PUYI	VIDEOCON
CHANGLING	HUAWEI	POLKA	VITRON
CHANGHONG	HUIFENG	QINLING	WANBAO
CHENGYUAN	HYUNDAI	QIXING	WANGZI
CHIGO	INVERTER	QIONGSHENG	WEILI
CHUANGHUA	JIANGNAN	RAYBO	WEITELI
CHUANYAN	JIALE	RHOSS	WHIRLPOOL
COLROLLA	JINBEIJING	RICAI	WUFENG
CONROWA	JINDA	RJIANG	VOLTAS
CHUNLAN	JINSONG	RISUO	XIABAO
CONSUL	JUSTICE	ROWA	XIAOYA
CONROWA	JOHNSO	SAMSUNG	XIAOTIANE
CROWN	KANGLI	SAKURA	XIAOXUEREN
DAEWOO	KANGBAIEN	SAKATA	XIANKE
DAIKIN	KONKA	SAOWA	XINGHE
DAJINXING	KLIMATAIR	SAIJO DENK	XINLE
DAKE	HUILI	SANYO	XINFEI
DAOTIAN	KRIS	SANZUAN	XILENG
DELONGHI	KT02-D001	SAJIUDIANJI	XINLING
DUNAN	KT02-D002	SAPORO	XIONGDI
DONGXIA	KTY001	SENSOR	YAIR
DONGXINBAO	KTY002	SERENE	YANGZI
ELCO	KTY003	SHAMEI	YAOMA
ELECTER	KTY004	SHANGLING	YIDONG
ELECTROLUX	KTY005	SHANYE	YINGYAN
EPTON	KOLIN	SHANXING	YNOVIK
FEDDERS	LAMBO	SHARP	YORK
FEIGE	LG	SHENBAO	YOUNIAIER
FEILU	LIANGYU	SHENGFENG	YUTU
FERROLIT	LITTLESWAN	SHENGFENG	YUETU
FIRST	LIKAIER	\FEILU	ZHONGYI
FOR.M.MG	LONGHE	SHINCO	ZUODAN
FUJITSU	LOREN-SEBO	SHINING	ZHENBAO
FUNIKI	LUOLANSIBAO	SHUANGLU	OTHER

Figure 4: Example of the code list provided with the remote control.

3.3. Setup Demonstration Video

Video 1: This video demonstrates the unboxing, battery installation, and programming process for a universal AC remote control, including a view of the code list.

4. Operating Instructions

Once programmed, the remote control provides full functionality for your air conditioner. The display shows the current temperature in Celsius, along with selected mode and fan settings.





Figure 5: The remote control's LCD screen displaying operational information.

4.1. Basic Functions

- **ON/OFF Button:** Press to turn the air conditioner on or off.
- **TEMP ▲/▼ Buttons:** Adjust the desired temperature. The remote displays temperature in Celsius.
- **MODE Button:** Cycle through operating modes: Auto, Cool, Dry, Heat, Fan.
- **WIND Button:** Adjust fan speed (Auto, Low, Medium, High).
- **M.SWING / A.SWING Buttons:** Control the horizontal and vertical swing of the air conditioner's louvers.

4.2. Advanced Functions

- **TIME ON / TIME OFF Buttons:** Set a timer for the air conditioner to turn on or off automatically.
- **CLOCK Button:** Set the current time on the remote's display.
- **LIGHT Button:** Activates a small LED flashlight located at the top of the remote.



Figure 6: The integrated LED flashlight on the remote control.

5. Maintenance

- **Battery Replacement:** Replace batteries when the display dims or the remote's range decreases.

Always replace both batteries simultaneously with new AAA batteries.

- **Cleaning:** Wipe the remote with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Storage:** If not in use for an extended period, remove the batteries to prevent leakage.

6. Troubleshooting

- **Remote not responding:** Ensure the remote is pointed directly at the air conditioner's receiver. Check if the batteries are correctly installed and have sufficient power. Replace if necessary.
- **Incorrect or no function:** The remote may not be programmed with the correct code. Re-attempt the code setup process (Section 3.2), trying different codes for your brand or using the automatic search.
- **Temperature display in Celsius only:** This model displays temperature in Celsius. There is no option to switch to Fahrenheit.
- **Code input issues (e.g., 4-digit limit):** Some air conditioner brands may have 6-digit codes. If the remote only allows 4 digits or starts with '0' when your code does not, this remote may not be fully compatible with that specific code structure. Please contact support for assistance.

7. Specifications

Brand	Nippon America
Model Number	RCN-AC102
Compatible Devices	Air Conditioner (over 1000 models)
Max Number of Supported Devices	1000
Color	White
Special Feature	Digital Display, Integrated LED Light
Item Weight	0.423 ounces
Package Dimensions	6.1 x 2.05 x 1.06 inches
Date First Available	February 11, 2020

8. Support

For any issues with programming the remote control or for further assistance, please contact Nippon America customer support. We are committed to helping you resolve any difficulties you may encounter.

Contact information can typically be found on the product packaging or the official Nippon America website.