



## Remote Controller Operating Guide for Air Conditioner model IPA2-1244-C

Model# RG51B1/EU

Thank you very much for purchasing our Impecca Dual-Hose Portable Air Conditioner. Please read this owner's manual carefully before using your air conditioner.

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## Handling the remote controller

- Use the remote controller within a distance of 26 feet (8 meters) from the air conditioner, pointing it towards the receiver (located on the front of the unit, towards the top). Proper reception is confirmed with a beep.

### CAUTION

- The air conditioner will not accept commands from the remote if any curtains, doors or other materials or objects block the signals from the remote controller.
- Be sure to prevent any liquid from falling into the controller. It should also not be subjected to direct sunlight or heat.
- If the remote receiver on the A/C is exposed to direct sunlight it may not properly receive commands from the remote.

## Replacing batteries

The remote controller is powered by two AAA (LR-03) batteries housed in the rear section and protected by a cover.

1. The remote ships with the batteries in a separate package. Insert them before attempting to use for the first time.
2. Remove the cover by pressing and sliding off.
3. Insert the batteries being sure to have the (+) and (-) ends in their respective places.

NOTE: When the batteries are removed, the remote controller erases all programming. After inserting new batteries, the controller must be reprogrammed.

### CAUTION

- Do not mix old and new batteries or combine batteries of a different type.
- Do not leave the batteries in the remote controller if it is not going to be used for 2 to 3 months.
- Dispose of the old batteries in the special containers found at certain retail stores and recycling centers.

## Remote Controller Specifications

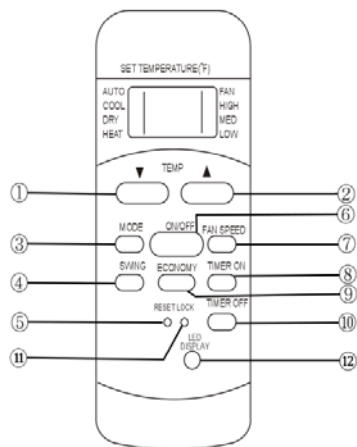
Model	RG51B1/EU
Rated Voltage	3.0V (1.5v AAA x 2)
Signal Receiving Range	26 feet (8 meters)
Operating (Environmental) Temperature	41°F - 140°F (-5°C - 60°C)

## Performance Features

1. Operating Modes: AUTO, COOL, DRY, FAN.
2. Timer setting function (24 hours).
3. Temperature Setting Range: 62°F - 88°F (17°C - 30°C).
4. Full-function LCD (Liquid Crystal Display).

**Note:** All illustrations in this manual are for explanatory purposes only. Your remote controller may be slightly different.

## Function Buttons



### ❶ TEMP DOWN Button

Push this button to decrease the temperature setting in 2°F (1°C) increments to 62°F (17°C).

### ❷ TEMP UP Button

Push this button to increase the temperature setting in 2°F (1°C) increments to 88°F (30°C).

### ❸ MODE Button

Each time the button is pressed, the operating mode is selected in the following sequence:

AUTO -> COOL -> DRY -> FAN -> AUTO. *(Do not select HEAT, as that function is not supported by this model.)*

### ❹ SWING Button

Used to start the auto-swing feature or adjust the louver to your desired up/down airflow direction.

### ❺ RESET Button

Once the recessed RESET button is pressed (using the tip of a pen or a paperclip) all of the current settings will be cancelled and the controller will revert to its initial settings.

### ❻ ON/OFF Button

Operation starts when this button is pressed and stops when it is pressed again.

### ❼ FAN SPEED Button

Used to select the fan speed in four steps: AUTO -> LOW -> MED -> HIGH.

### ❽ TIMER ON Button

Press this button to activate the Auto-on time setting. Each press will increase the time setting in 30-minute increments, up to 10 hours. Then in 1 hour increments up to 24 hours. To cancel the auto-on time setting, just press the button until the display reads  $\square\square$ .

### ❾ ECONOMY (SLEEP) Button

Select this function before going to sleep. It will set the machine to a more economical setting while maintaining sufficient comfort during sleep. Available in COOL and AUTO modes only. *NOTE: If one presses the ON/OFF, FAN SPEED, ECONOMY or MODE buttons after setting the sleep mode, it will be cancelled.*

### ❿ TIMER OFF Button

Press this button to activate the Auto-off time setting. Each press will increase the time setting in 30-minute increments up to 10 hours. Then 1 hour increments up to 24 hours. To cancel the auto-off time setting, just press the button until the display reads  $\square\square$ .

## Function Buttons (Continued)

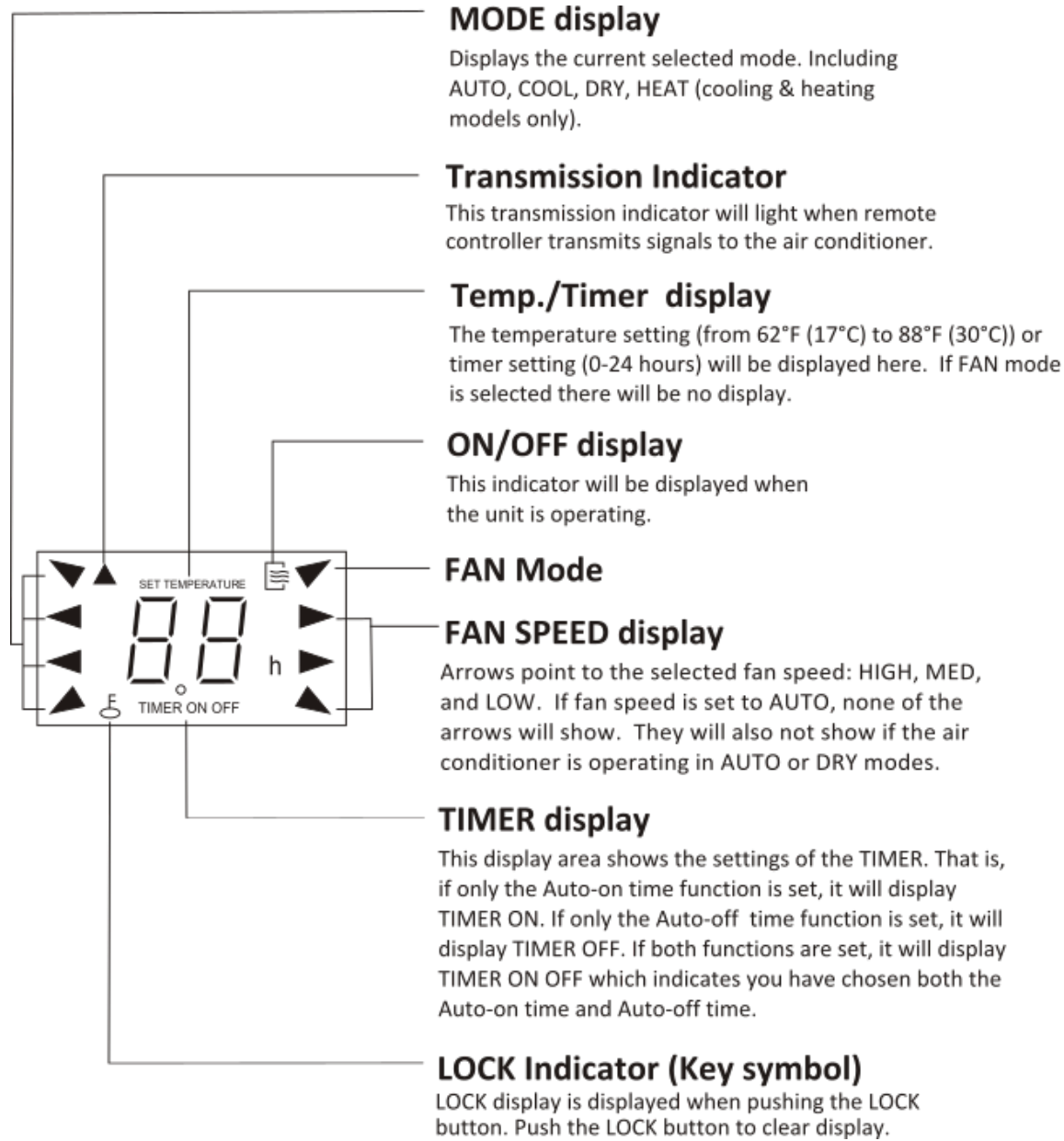
### ⑪ LOCK Button

Press this recessed button (using the tip of a pen or a paperclip) to lock all current settings and the remote controller will not accept any instructions until LOCK is pressed again. This is used to prevent accidental setting changes from the remote. (A key symbol will show in the display when this is activated.)

### ⑫ LED Display button

This will toggle the LED display on the actual air conditioning unit. Press to turn it off and once again to turn it back on.

## LCD Indicators



## Functions Explained in Detail

### Auto operation

1. Press the **MODE** button to select **AUTO**.
2. Press the **TEMP** buttons (**UP** or **DOWN**) to set the desired temperature. The temperature can be set within a range of 62°F - 88°F (17°C - 30°C) in 2°F (1°C) increments.
3. Press the **ON/OFF** button to start the air conditioner.

#### Notes:

1. *In AUTO mode, the air conditioner can logically choose between the Cooling, Fan and Dehumidifying (Dry) modes by sensing the difference between the actual ambient room temperature and the set temperature on the remote controller.*
2. *In AUTO mode, you cannot change the fan speed; it will be automatically adjusted.*
3. *If you are not comfortable when using the Auto mode, just choose your desired mode manually.*

### Cooling/Fan operation

1. Press the **MODE** button to select **COOL** or **FAN** mode.
2. Press the **TEMP** buttons (**UP** or **DOWN**) to set the desired temperature. The temperature can be set within a range of 62°F - 88°F (17°C - 30°C) in 2°F (1°C) increments. (COOL mode only.)
3. Press the **FAN SPEED** button to select one of four settings: AUTO -> LOW -> MED -> HIGH. (AUTO shows no indicator on the display.)
4. Press the **ON/OFF** button to start the air conditioner.

#### Note:

*In the fan mode, the temperature setting is not displayed since you will not be able to control the temperature.*

### Dehumidifying operation

1. Press the **MODE** button to select **DRY** mode.
2. Press the **ON/OFF** button to start the air conditioner.

#### Notes:

1. *In the Dehumidifying mode, you cannot change the fan speed. It will be automatically controlled.*
2. *While you can appear to adjust the temperature on the remote during DRY mode, it will have no effect on the air conditioner display or its operation.*

### Swing operation

Use the **SWING** button to control the Up/Down airflow.

1. Press this button once to activate the auto-swing feature. The louver will oscillate slowly up and down.
2. Pressing this button again will pause the louver in the current position and turn off the auto-swing feature.
3. Press again to resume the auto-swing function.

## Timer operation

Use the **TIMER ON** and **TIMER OFF** buttons to program a delayed start and/or stop.

### To set the Auto-on time

1. Press the **TIMER ON** button. The remote controller shows **TIMER ON** and the letter “h” will be shown on the LCD. Now you are reading to set the auto-on time.
2. Press the **TIMER ON** button again to set the desired auto-on time. Each time you press the button the time increases in 30 increments for up to 10 hours. After that, the increments are 1 hour until a maximum of 24 hours (see chart on the right).
3. After setting the **TIMER ON** there will be a half-second delay before the remote controller sends the finished program to the air conditioners. Then after about 2 seconds, the signal “h” will disappear from the remote’s display and the set temperature will re-appear on the LCD display window along with **TIMER ON**.

### To set the Auto-off time

1. Press the **TIMER OFF** button. The remote controller shows **TIMER OFF**, the last auto-off setting time and the letter “h” will appear in the remote’s LCD display area. Now you are ready to set the auto-off time.
2. Press the **TIMER OFF** button again to set the desired Auto-off time Each time you press the button the time increases in 30 increments for up to 10 hours. After that, the increments are 1 hour until a maximum of 24 hours (see chart on the right).
3. After setting the **TIMER OFF** there will be a half-second delay before the remote controller sends the finished program to the air conditioners. Then after about 2 seconds, the signal “h” will disappear from the remote’s display and the set temperature will re-appear on the LCD display window along with **TIMER OFF**.

### Examples of Timer programming

#### TIMER ON

The **TIMER ON** feature is useful, for example, when you want the unit to turn on automatically before you return home. Let’s say you’re leaving now and will return in 8 hours:

1. Press the **TIMER ON** button.
2. Press the **TIMER ON** button repeatedly until you see  $\overline{8.0}$  in the display window along with the “h” and **TIMER ON**.
3. Wait two seconds and the display will show the temperature again. The function is now activated and the machine will turn on exactly eight hours hence.

Display	Minutes
0.5	= 30
1.0	= 60
1.5	= 90
2.0	= 120
2.5	= 150
3.0	= 180
3.5	= 210
4.0	= 240
4.5	= 270
5.0	= 300
5.5	= 330
6.0	= 360
6.5	= 390
7.0	= 420
7.5	= 450
8.0	= 480
8.5	= 510
9.0	= 540
9.5	= 570
10.0	= 600
11.0	= 660
12.0	= 720
13.0	= 780
14.0	= 840
15.0	= 900
16.0	= 960
17.0	= 1020
18.0	= 1080
19.0	= 1140
20.0	= 1200
21.0	= 1260
22.0	= 1320
23.0	= 1380
24.0	= 1440

## Timer operation (continued)

### TIMER OFF

The TIMER OFF feature could be useful, for example, if you wanted the unit to go off completely, let's say two hours from now, after you will be asleep.

1. Press the **TIMER OFF** button.
2. Press the **TIMER OFF** button repeatedly until you see 2.0 in the display window along with the "h" and **TIMER OFF**.
3. Wait two seconds and the display will show the temperature again. The function is now activated and the machine will turn on exactly two hours hence.

### Combined Timer

You can also program the Auto-On and Auto-Off features to run consecutively. One useful example of this would be to set it to go off in two hours after you're in bed and again ten hours hence when you'll wake up. It is very important to understand that both of these times are set from now. That means that if you set the Auto-Off for two hours hence and the Auto-On for ten hours hence, the unit will turn on again *eight* hours after it went off (because it's ten hours from *now*).

1. Press the **TIMER OFF** button
2. Press the **TIMER OFF** button repeatedly until you see 2.0 in the display window along with the "h" and **TIMER OFF**.
3. Press the **TIMER ON** button.
4. Press the **TIMER ON** button repeatedly until you see 10 in the display window along with the "h" and **TIMER ON OFF**.

You could also do this operation in reverse if you wanted to have the unit turn on in a certain number of hours and then turn off.

## ECONOMY (Sleep) operation

This feature allows you to maintain a comfortable temperature while sleeping and yet save energy. You can only use this option while in COOL or AUTO modes. For more details on how this works, please see the User's manual (Sleep Operation).

*NOTE: While the unit is running in SLEEP mode, if **MODE**, **FAN SPEED** or the **ON/OFF** buttons are pressed, the SLEEP mode will be cancelled.*



## Additional Notes

- Buttons on the remote and their descriptions can differ slightly on your actual remote. If there is any discrepancy, then your remote controller's actual design will prevail.
- This is not a User's Manual for your air conditioner. A detailed user manual has been supplied in a separate booklet.
- The device may comply with local and national regulations. In Canada it should comply with CAN ICES-3(B)/NMB-3(B). In the USA, 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 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 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 approved by the party responsible for compliance could void user's authority to operate the equipment.

## Technical support

For questions not answered in this manual, or for warranty service, please contact Impecca™ Technical Support:

By phone: 1-866-954-4440 (9:00 AM to 6:00 PM Eastern Time)

By e-mail: [service@impeccausa.com](mailto:service@impeccausa.com)

Online: [www.impecca.com](http://www.impecca.com)