

CITY MULTI Control System
and M-series and P-series Air Conditioners
MA Touch Remote Controller
PAR-CT01MAU-SB



Bluetooth Setting Manual

For distribution to dealers and contractors

1. Safety precautions

- Thoroughly read the following safety precautions before using the unit.
- Observe these precautions carefully to ensure safety.

⚠ WARNING	Indicates a risk of death or serious injury.
⚠ CAUTION	Indicates a risk of serious injury or structural damage.

- After reading this manual, pass it on to the end user to retain for future reference.
- Keep this manual for future reference and refer to it as necessary. This manual should be made available to those who repair or relocate the controller. Make sure that the manual is passed on to any future users.

General precautions

⚠ WARNING

- Do not use MA Touch Remote Controller where pacemaker users may be around. If used, turn off its Bluetooth.
 - Bluetooth may cause pacemakers to malfunction and leads to an accident.
- Do not use MA Touch Remote Controller near electrical medical devices. If used, turn off its Bluetooth.
 - Bluetooth may cause these devices to malfunction and leads to an accident.
- Do not use MA Touch Remote Controller near automatic doors, fire alarms, or other automatically controlled devices. If used, turn off its Bluetooth.
 - Bluetooth may cause these devices to malfunction and leads to an accident.

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⚠ CAUTION

- This product is permitted for use only in the country where it was purchased.
- This product uses signals in the 2.4 GHz band.
 - Signals in the 2.4 GHz band are used by medical devices, other similar devices, and non-licensed amateur radio stations (hereafter referred to as other radio stations).
 1. Before using this product, make sure there are no other radio stations in the vicinity.
 2. If a radio interference occurs between this product and other radio stations, move the product or stop using the product (turn off Bluetooth).
 3. If problems with radio interference occur, consult the dealer from which the product was purchased.
- Keep an appropriate distance between the product and radio-emitting devices, such as cordless phones, microwave ovens, and wireless LANs, to prevent Bluetooth interference from these devices that can affect normal operation and performance of the product.
- The following actions may be punishable by law.
 - Disassembling or alteration of this product
 - Removal of certification labels
- The maximum line-of-sight distance of this product is 10 meters. This distance will be shorter when obstacles or people are in the path of radio waves or radio interference from appliances (e.g., microwave ovens) exists.

Precautions for using XXXXXXX

- When operating an air conditioner from a controller located outside the visibility of the air conditioner, make sure that the operation of the air conditioner will not negatively affect its surroundings or the occupants beforehand.
- When occupants include children, elderly people, people with ailments, or people with disabilities, make sure the product is used in the presence of a capable, supervising adult.
- When one or more people are in a room with an air conditioner, let them know beforehand that the air conditioner is going to be operated from a controller located outside the visibility of the air conditioner.
- Children must be supervised to stay away from the product.
- Poor radio-wave conditions due to an existence of obstacles or radio-emitting devices, such as a microwave oven, in the vicinity of the product can lead to a non-response error. Periodically check the operating conditions of the product.
- The maximum line-of-sight distance of this product is 10 meters. Obstacles in the path of radio waves can shorten this distance. If a problem occurs, remove the obstacles or shorten the distance between this product and the connected device.
- Updating the OS on your smartphone may render [XXXXXX (application)] unusable.
- It is recommended to lock the smart phone screen to prevent inadvertent operation of the air-conditioning system.

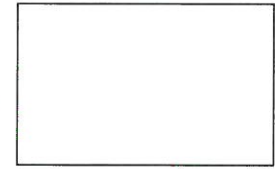
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2. Bluetooth settings

Bluetooth connection information

This screen allows the user to view the information necessary to connect a smartphone and the remote controller via Bluetooth.

Select [Operation] from the main menu, select [Bluetooth connection], and then press the SELECT button.



The connection PIN, device name, and Bluetooth address can be checked.

Note: Bluetooth connection information will not be available if the Bluetooth function is disabled by the administrator.

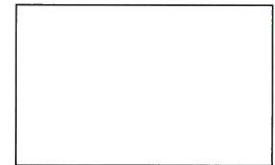
Bluetooth connection	
PIN code	0000
ID	PAR-CT01MAA 00-00-00-00-00-00
Return:	↩

Bluetooth settings

Note: Administrator password is required.

This screen allows the user to set the Bluetooth functions of the remote controller and the connection PIN.

Select [Initial setting] from the main menu, select [Basic setting], [Bluetooth], and press the SELECT button.



Make the following settings with the F1 through F4 buttons.

- Bluetooth ON/OFF: Turns on and off the Bluetooth function. The default setting is "OFF."
- PIN manual change: Allows the user to manually change the PIN for connecting to a smartphone.
- PIN auto change: Turns on and off the function to automatically update the PIN at a set interval. When this setting is set to ON, set the time to update the PIN. The PIN will be generated randomly. The default setting is "OFF."

Bluetooth	
▶Bluetooth	OFF/☐
PIN manual change	0000
PIN auto change	OFF/☐
Clock	0:00
Select:	✓
▼ Cursor	▶

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Note: When the Bluetooth function is turned on, a Bluetooth icon will light up on the Status display and the Main display.

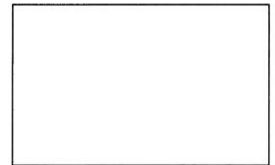
Note: When multiple remote controllers with the same PINs are located in the same room or adjoining rooms, a connection may be made to a wrong remote controller. To prevent this from happening, set a different PIN for each remote controller.

Screen update

Note: Administrator password is required.

This screen allows the user to receive image files from the smartphone using the remote controller Bluetooth function.

Select [Initial setting] from the main menu, select [Screen update], and press the SELECT button.



Transfer data from the smartphone.

Refer to the instruction book of XXXX for how to transfer data from the smartphone.

Note: This function is not available when the Bluetooth function is turned off. Observe the following restrictions that apply to the images to be transferred.

- ☐ Image files
 - File size: 160 pixels high and 320 pixels wide. Files in other sizes cannot be received.
 - File type: JPG or PNG. Alpha channels are not supported. Convert the file to R (5 bits), G (6 bits), B (5 bits) regardless of the bit depth.
 - File name: No restrictions apply to the file name.

Screen update	
Update screen...	10%
Return:	↩

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Smartphone

- Operating system requirement: iPhone iOS 10 or later

Smartphone application ○×△ is available for download from the site below.
iOS: App Store

- IMPORTANT -
The application is free, but data communication fee for download will apply.

*Users manuals for smartphone applications are available on the website of ○×△.
www.mitsubishielectric.co.jp/xxxxx.xxxxxx.xxxx.html

3. Legal and trademark information

FCC Compliance Statement

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.

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

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.

This equipment complies with radio frequency exposure limits set forth by the FCC and Industry Canada for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiofréquences définies par la FCC et Industrie Canada pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre le dispositif et l'utilisateur ou des tiers. Ce dispositif ne doit pas être utilisé à proximité d'une autre antenne ou d'un autre émetteur.

Innovation, Science and Economic Development Canada (ISED) Compliance Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) this device may not cause interference; and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage;
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Trademarks

- iPhone, iPad, and iPod touch are registered trademarks of Apple Inc. in the U.S. and other countries.
- The trademark iOS is used under the license of Cisco in the U.S and other countries.
- App Store™ is the collective name of the service that provides download services of application software for use on iPhones, iPads, and iPod touches.
- The word Bluetooth® and its logo mark are trademarks of Bluetooth SIG, Inc., and Mitsubishi Electric Corporation is granted the right to use these trademarks. Other trademarks and trade names are properties of their respective companies.

