

Mitsubishi Access Control System MELSAFETY-P series

Card reader

Plane type UCR-8202A-P

Users manual

● Asking matters ●

Please read this manual, and use it ahead of the use correctly and safely.

Please keep it in the place where the person who uses it is always seen with enclosed "Guide of the Mitsubishi Electric Corporation repair window and the chat channel" after it reads.

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




■ Caution

- Part or all of the content of this book will be refused and we refuse to reprint or to reproduce any shape hard without in our company the refusal.
- It makes an effort as followed to the revision of software and hardware, and when it cannot synchronize unavoidably, the content of the description of this book is caused.

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1 Defend for safety.

● It divides by the following display and it explains danger and the extent caused when wrong handling is done.

 警告		The one with possibility of relating to death and serious illness, etc. when wrong handling is done	
 Prohibition	Don't resolve or remodel it. It causes a fire, the electric shock, and the breakdown by the short and generation of heat.	 注意	誤った取扱いをしたときに傷害 または家屋・家財などの損害に 結びつくもの
 Prohibition	Don't insert metallic things in the main body. It causes a fire, the electric shock, and the breakdown by the short and generation of heat. Please contact the nearest service office, if something enters the inside.	 Prohibition	Don't set up in a dusty place. It causes a fire, the electric shock, and the breakdown.
 Prohibition	Don't wet it with water. It causes a fire, the electric shock, and the breakdown by the short and generation of heat. Please wipe off with the cloth when the drop of water attaches outside of the main body. Please contact the nearest service office when the drop of water enters the inside.	 Prohibition	Don't set up in a humid place. It causes a fire, the electric shock, and the breakdown.
 Prohibition	Don't damage the codes. It causes a fire, the electric shock, and the breakdown by the short and generation of heat. Please do not torture, and do not pull the code. Please contact the nearest service office when the code hurts by any chance.	 Prohibition	Don't set up in an unstable place or the place where a lot of vibrations exist.
 Prohibition	Don't allow something to hit. The hard one and an umbo are thrown, and it causes the breakdown of the equipment, and it causes a fire, the electric shock, and the breakdown by the short and generation of heat.	 Prohibition	Don't set up in the place where direct sunshine strikes. It causes fading when setting up in the place where direct sunshine strikes
 Prohibition	(This cell is empty in the original image)	 Prohibition	Don't set up in outdoor. When setting it up in outdoor, dust or the drop, etc. enter the attestation device or in the electric lock control board, and it causes a fire, the electric shock, and the breakdown.
(This cell is empty in the original image)	(This cell is empty in the original image)	 Prohibition	Especially, the installation in the place that becomes a high temperature is avoided. It is recommended to use it at 35°C or less to operate it comfortably.
(This cell is empty in the original image)	(This cell is empty in the original image)		Ground it. Ground the equipment to prevent the breakdown beforehand. (the third kind earth is recommended)

2 When using it

2-1 Attention in use

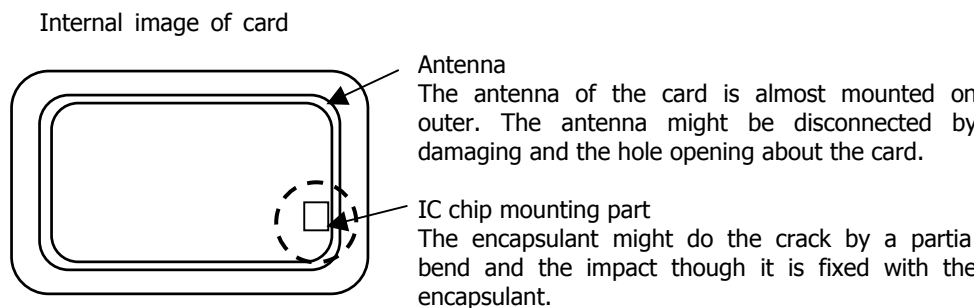
2-1-1 Attention concerning use of device

- 1) Please read "Manual" of each equipment correctly and use it.
- 2) It is not the one to prevent the crime such as the thefts though this device controls an insertion leaving a room and an electric lock. Please acknowledge being not able to assume the responsibility at all even when an emergency accident and damage are caused.
- 3) Please intercept the breaker that supplies the power supply to a pertinent equipment when it smells abnormal from the equipment by any chance or it overheats and is smoking.
- 4) It doesn't assume the responsibility about the collateral damage due to the instrument fault.
- 5) It becomes impossible for it to become difficult to read for surroundings to include a metal, an electric equipment, and the power cable, etc. because the noncontact card reader is an equipment that used the electric wave, and to read. It is not greatly influenced for the electric wave (radio television inverters), and do not set up these things in the surrounding, please.
- 6) There is something that uses same frequency (13.56MHz) in medical equipment. It causes the malfunction when is to be near such medical equipment.
- 7) **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.**
- 8) **FCC WARNING**
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- 9) **Properly shielded and grounded cables and ferritic cores must be used for connection to controllers in order to meet FCC emission limits.**
- 10) **Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.**

2-1-2 Attention concerning use of cards.

The cards used with this system are contactless IC cards that contain electric parts (integrated circuit chip) in them. When the cards are bent or pressure is applied, the stress might hang in built-in electric parts and it cause the breakdown. Moreover, the resin material (vinyl chloride or PET) used for the surface of the card might be transformed by heat. Please note the following points to prevent the card being damaged.

- (1) Don't bend or apply pressure. It might break off the cards.
- (2) Keep cards in the card cases (hard case) when you carry.
- (3) Avoid keeping cards in a purses or soft card cases. (they are easy to bend.)
- (4) Avoid keeping cards in the pocket.
- (5) Don't drop card while using it (And, be keeping it).
- (6) Don't leave the card in the place (dashboard etc. of the car) that becomes a high temperature.
- (7) Use card one by one. Don't use it with other cards.
- (8) Please do not carry the card to the following shop floors where the electromagnetical field is given to the card.
Welding shop floor.
Hallmark shop floor where it static electricity examines, and noise is examined
Additionally, surrounding of power line, transformation installation, and mass motor that generates strong electromagnetical field etc.
- (9) Please inform the manager or the service office promptly when you lose the card.



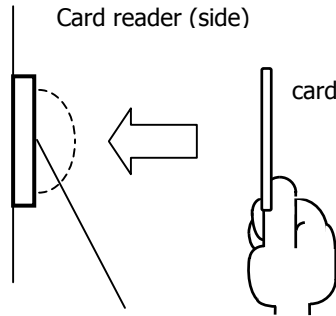
2-1-3 How to use

The card is held up in parallel in the card reading part referring to the figure below.
Please hold card one by one to enter (or exit) a room.

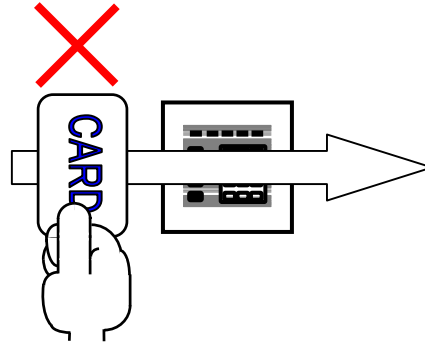
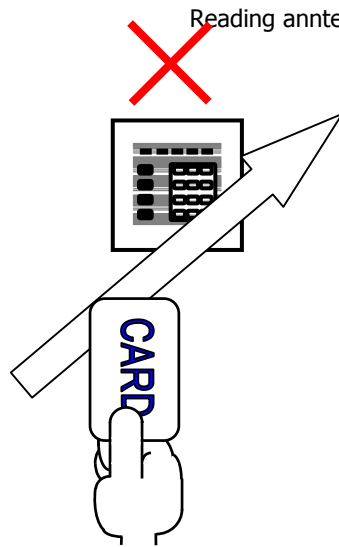
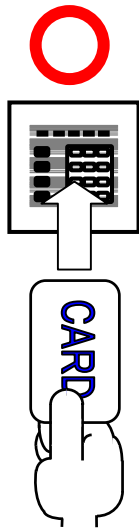
Card reader (front)



Card reader (side)



Move it close from the front to the center of the card reader until it beeps.



Move the card too fast or too slow, it may fails to read the card, and it beeps long, and the OK/NG lamp lights red. Please hold the card again. It might read completely.

2-2 What is the card reader?

The card reader reads the card data, and it compares them with the registered card data. And it controls the lock of the door.

2-2-1 Basic operation

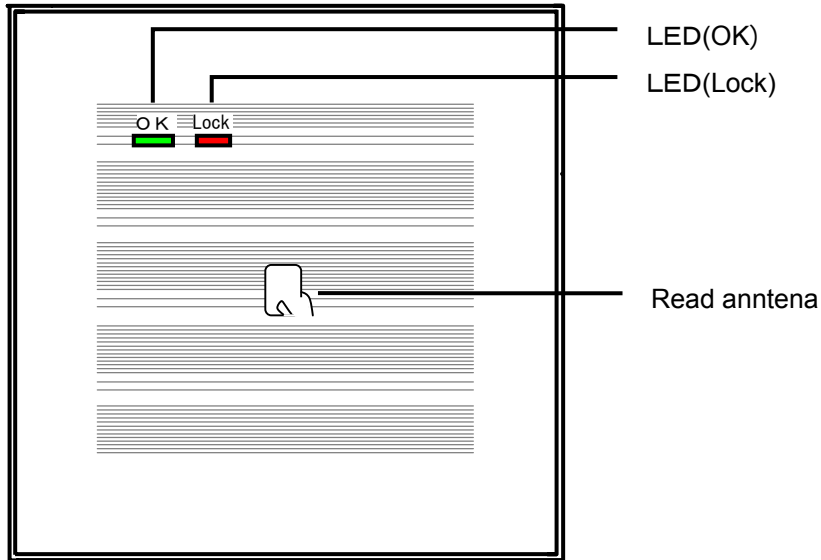
Item	Explanation	Reference
Enter or exit a room with card	Hold the card in front of the card reader to unlock the door.	

Note

To use the card, it is necessary to set them from the management WEB.
The registered card can be used with all doors connected with the same controller.

2-3 Names and functions of each parts

2-3-1 Card reader (Plane type)



Name	Function	
LED(OK)	The collation result of the card is displayed.	
	Succeed	Green.
	Fail or Prohibited to use	Red.
LED(lock)	Show state of lock	
	Locked	Green.
	Unlocked	Red.
	Emergency unlock	Flashing red.
Read antenna	Hold the card to be read	