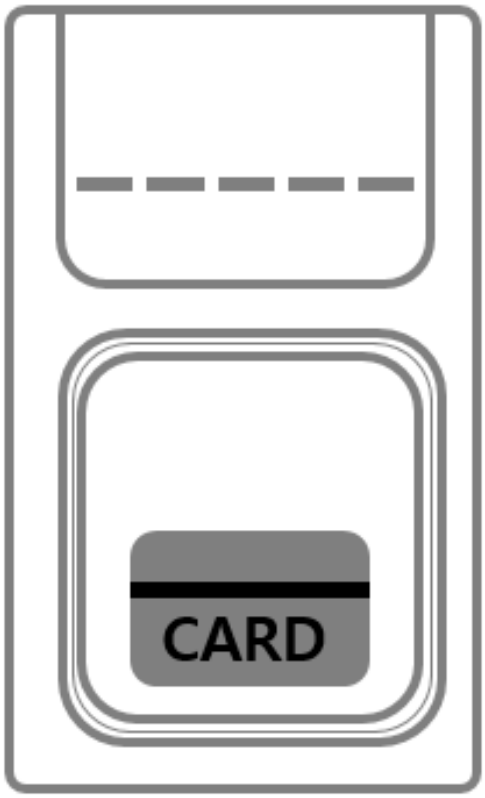
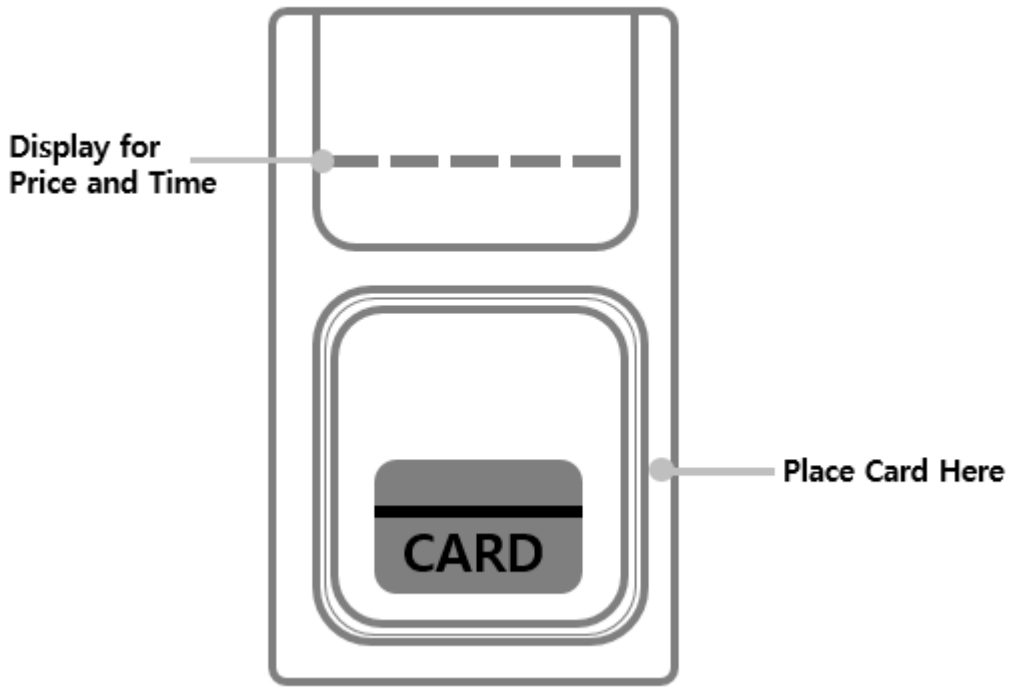
CARD READER ‘HC-RD1’
USER MANUAL



HC KOREA Co. Ltd

1. Product Component Information



- Model Name : HC-RD1
- POWER : Adopter DC5V 2A
- Description : This is the controller type RF Card Reader that control the particular equipment by input the time, price and number of time to use, etc. into card.

2. Description of the Product

(1) Product Size (ABS)

Width : 63mm / Length : 110mm / Height : 19mm

(2) Card Reader

- ISO 1443A = mifare (reading and writing)
- RF frequency = 13.56 Mhz
- RFID distance = 5 ~ 10 cm
- Power supply = DC 5V 200 ma
- Operating Temperature = -30□ ~ 50□

(3) How to use

If you place the card on the front of the device, designated price is deducted and then an designated amount of electric pulse is generated.

(4) Mastercard Usage

After input the money on mastercard‘1’, turn off the power of the card reader. Place the user’s card on the top of the card reader and turn on the power. When you can hear beep sound, , turn off first, and then turn on the power of card reader.

- ex) ‘1000’ on display means 1000₩

- Time Control type (Option)

: After input the time on mastercard‘2’, turn off the power of card reader. Place the user’s card on the top of the card reader and turn on the power. When you can hear beep sound, turn off first, and then turn on the power of card reader.

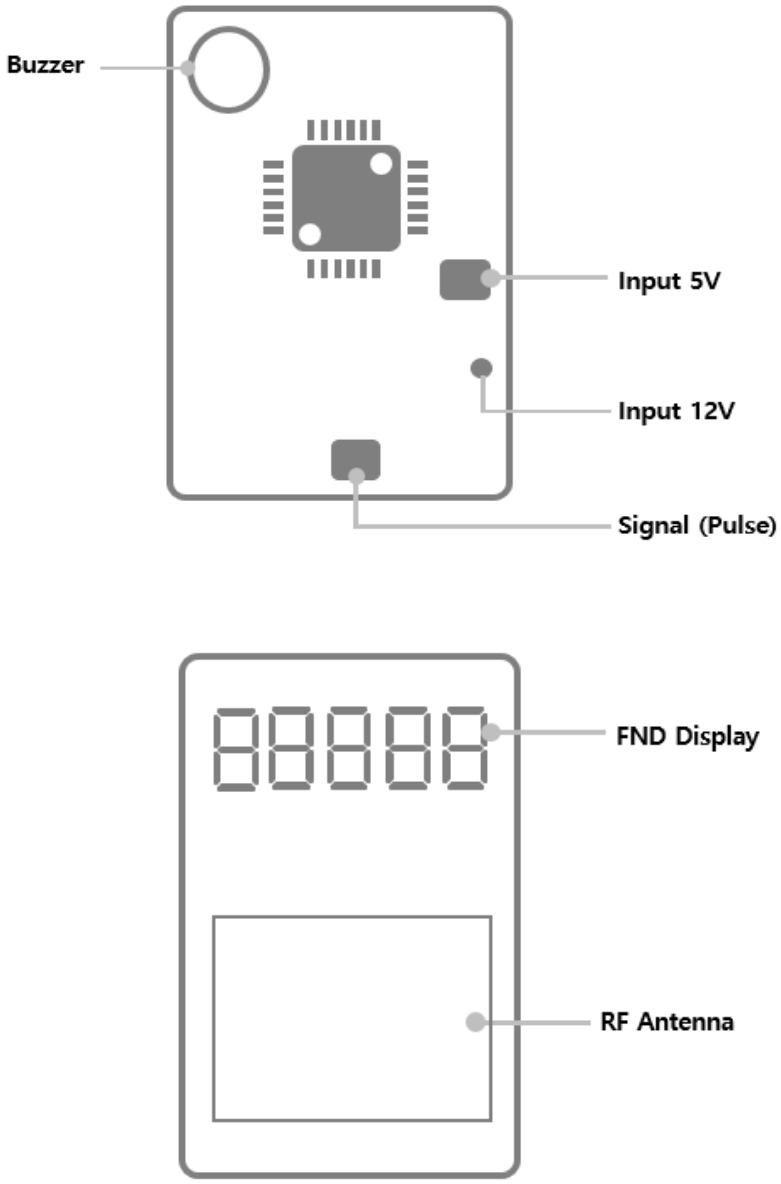
ex) ‘1500’ on display means 15min

- Coin Control Type (Default)

: After input the number of time to use on mastercard‘2’, turn off the power of card reader. Place the user’s card on the top of the card reader and turn on the power. When you can hear beep sound, , turn off first, and then turn on the power of card reader.

ex) ‘100’ = 1 coin, ‘200’ = 2 coin, ‘1000’ = 10 coin

3. Description of the Parts



< Caution >

- If you touch and remove the card too fast on the card reader, reading error may occur.
- Malfunction by noise of the connected equipment
  : Turn ON/OFF the power. If the issue continues, needed to find the cause of the problem by noise filter or grounding.
- If the display flicker or not working, replace the adopter. (5V , 12V)
- Keep the device away from the water and fire.
- Watch out for separating 5V and 12V. DON'T input 12V to 5V adopter.

4. FCC

1) 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.

2) FCC Interference Statement

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 correct the interference by one 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 which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

3) FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.