

# MH-5870 Installation Manual

According to this installation manual, "13.56MHz RFID Unit for Parking Management Equipment" is installed "Parking Management Equipment of AMANO Corporation" as an options.

Fig.1 Installed state



"13.56MHz RFID Unit for Parking Management Equipment" for the unit satisfies the necessary condition for FCC Rules. And installed optional "Parking Management Equipment" satisfies the necessary condition for FCC Rules.

It is guaranteed that "13.56MHz RFID Unit for Parking Management Equipment" operates while installed without trouble.

"MH-5870" is installed in Parking Management Equipment,"MH-5870" has no manual for user. So, following FCC user's manual statement will be stated in user's manual of the Parking management Equipment.

## 【Operation method】

When the user touches the "Parking Management Equipment" for the "Mifare card" in the entrance of parking lot,"MH-5870" reads the "Mifare Card" and controls the gate.

When the user touches the "Parking Management Equipment" for the "Mifare card" in the exit of parking lot,"MH-5870" reads the "Mifare Card" and controls the gate.

### 【FCC WARNING】

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. (Remarks: § 15.21)

### 【NOTICE】

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 instructions, 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. (Remarks : § 15.105)

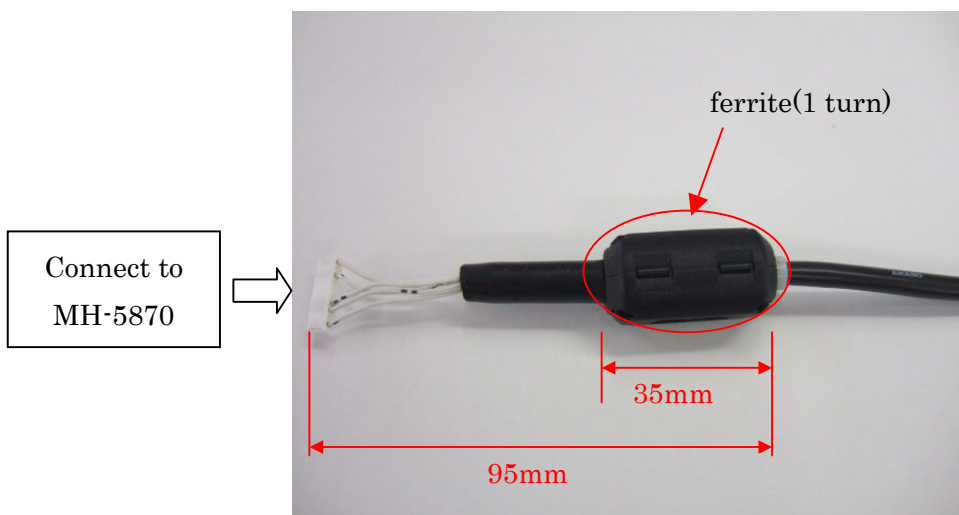
Properly shielded a grounded cables and connectors must be used for connection to host computer and / or peripherals in order to meet FCC emission limits.

Communication cable with ferrite core and RF shielded must be used for RF interference suppression.

Attach a ferrite (manufactured by URITE Corporation, Model:UF-90(B)) to communication cable.

For attached position of the ferrite, see the below figure.

Fig.2 Position of the ferrite



This is an installation procedure of the RFID Unit.

Fig.3 RFID Unit

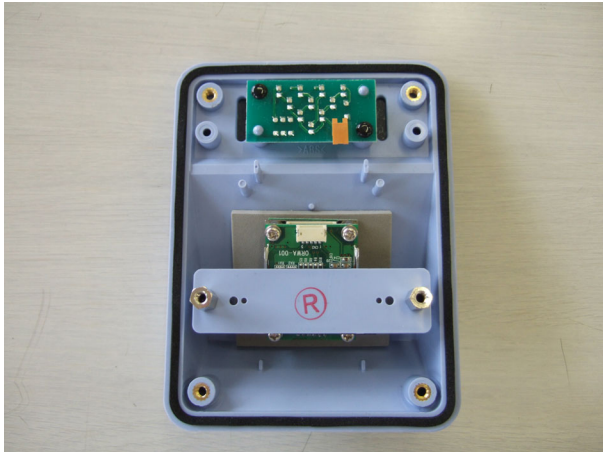
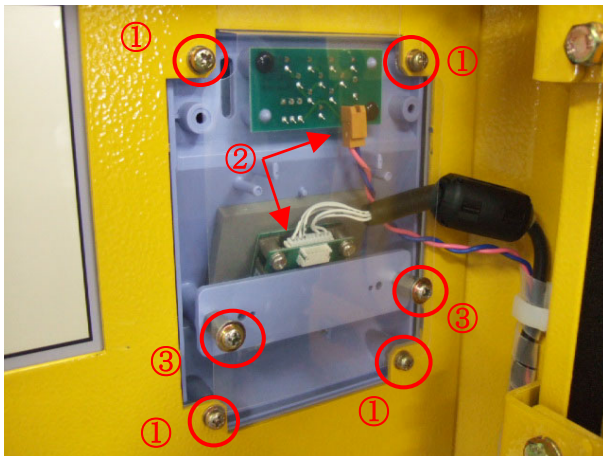


Fig.4

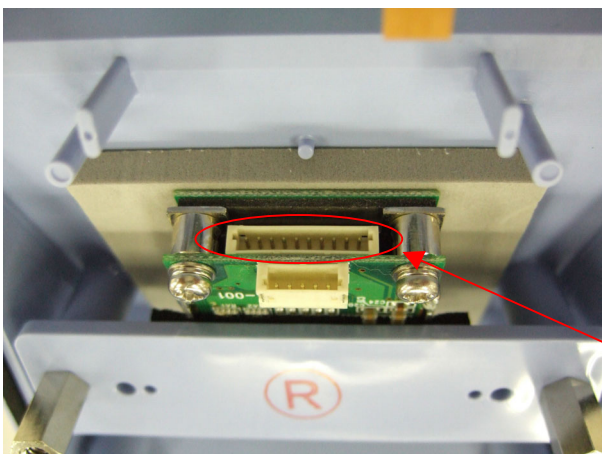


The first action: Fix the RFID Unit with the screw.( Reference No.①)

The second action: Connect the cable with the connector.( Reference No.②)

The third action: Fix the RFID Unit with the screw.( Reference No.③)

Fig.5 Connector part



Connect the cable with the connector.