



Install Manual

Model : LCDM-2000
(Cash Dispensing Module)

Total Page : 13 pages (including cover)

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PULOON Technology Inc.



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1. Mounting LCDM-2000

1-1. Preview

To mount LCDM-2000 on ATM, a shelf will be installed on the bottom of the system.

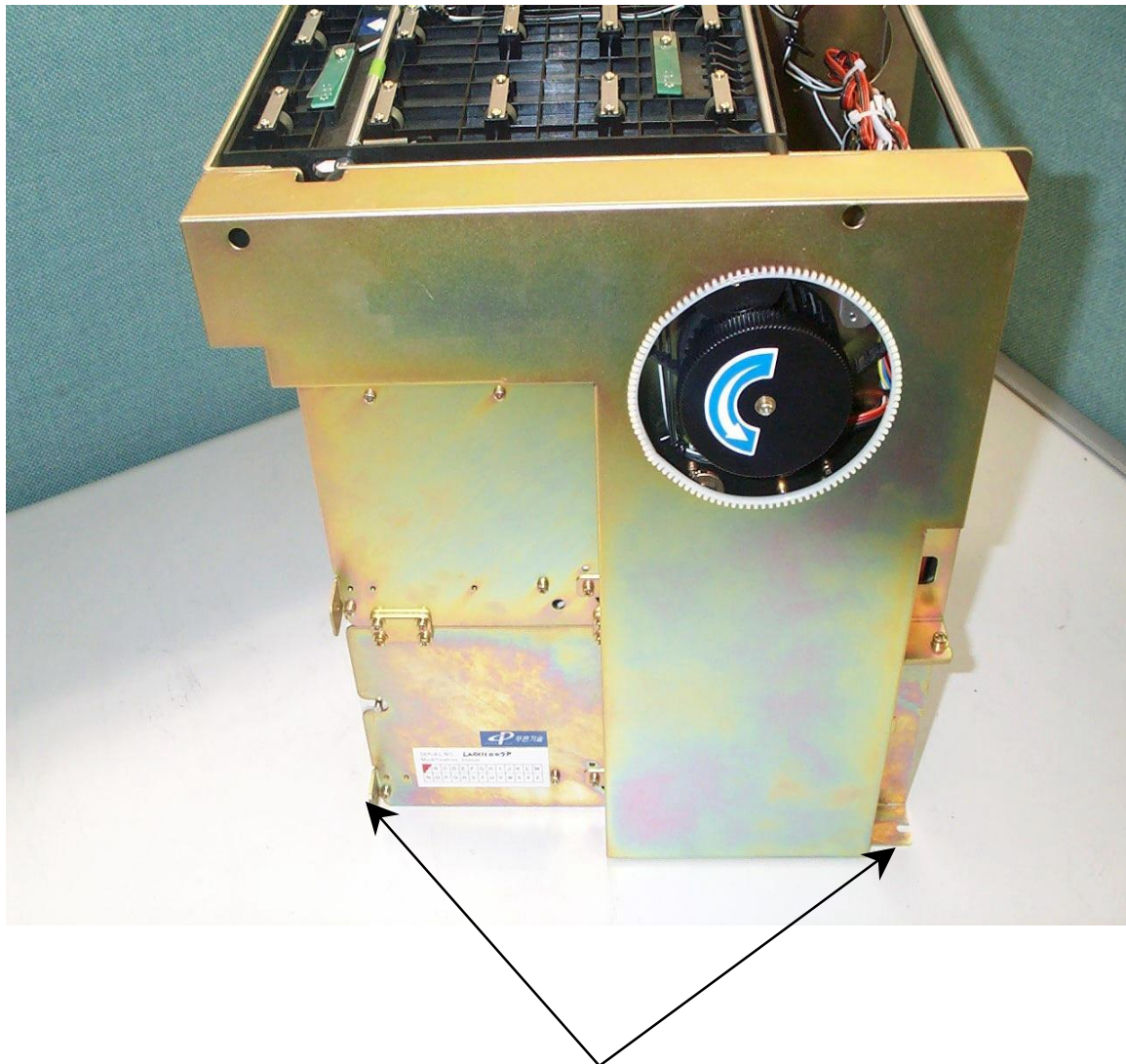
The manufacturer of ATM can fix 4 points with M4 fixing screw, where every two mounting points are located both in front and on bottom of LCDM-2000.

1-2. Left Side Mounting Points (Originated from Front View)



M4 screw

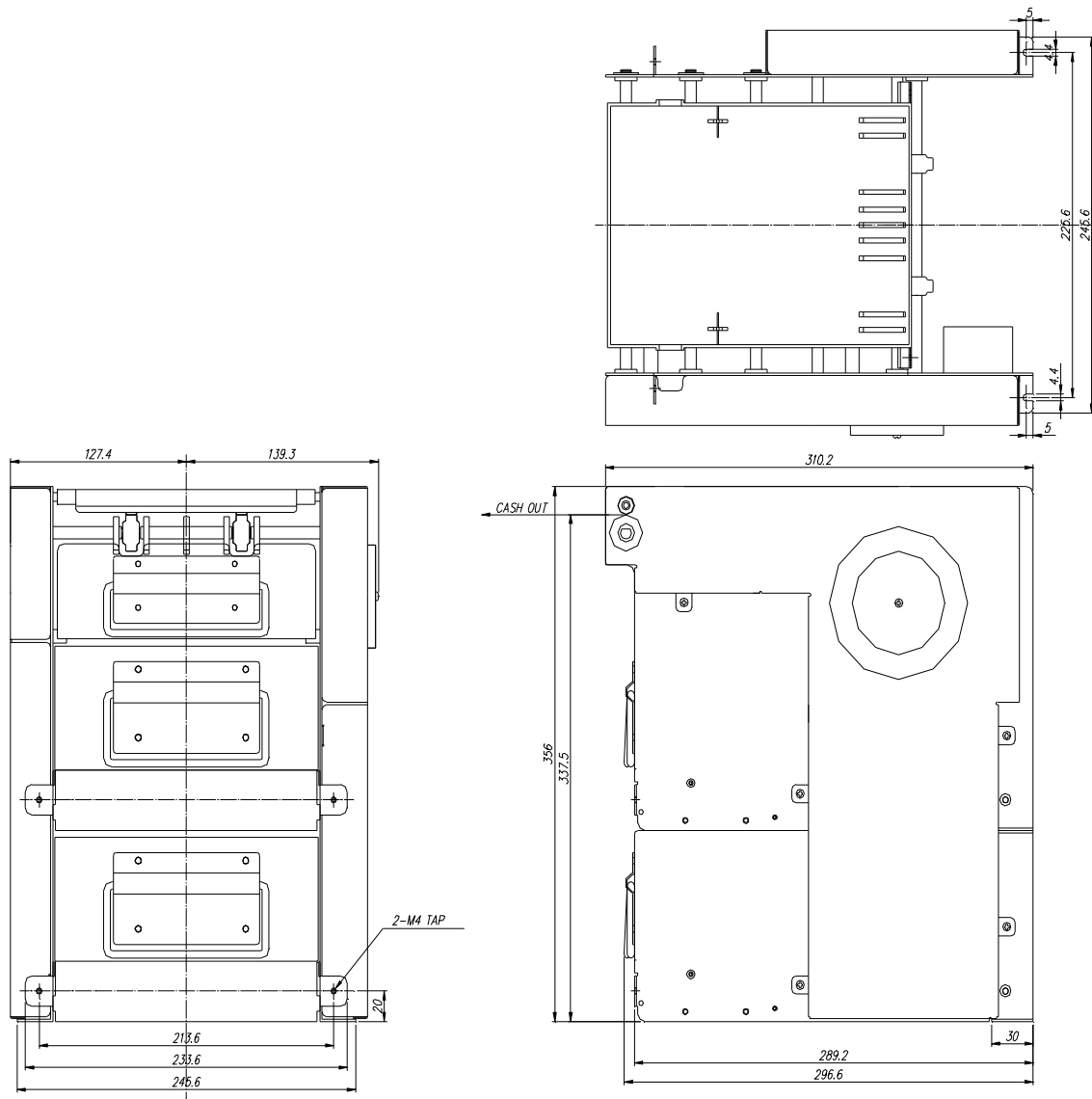
1-3. Right Side Mounting Points (Originated from Front View)



M4 screw



1-4. Layout of Mounting Points



2. Power Connection

The electric power connector is located at the lower position of main control board in the back of LCDM-2000 and should be supplied with DC 24V.

2-1. Specification of Connector

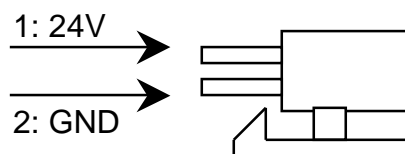
Main Control Board in LCDM-2000(Female) : MOLEX 5566VW0-02
 Opposite Connector (Male) : MOLEX 5557D-02

2-2. Pin Connection

Pin No	Function
1	24 V
2	GND

< Main Board in LCDM-2000 >

< Opposite Connector >



1: 24V

2: GND

3. Interface Connection

The communication connector is 9 Pin D-type and located at the lower position of main control board in the back of LCDM-2000.

3-1. Pin Connection

Pin No	Name	Function
1		Not used
2	RXD	Received data
3	TXD	Transmitted data
4		Not used
5	GND	System ground
6		Not used
7		Not used
8		Not used
9		Not used

3-2. Specification of Serial Communication

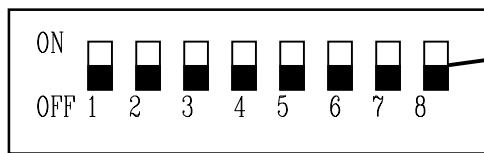
Baud rate	9600 bps
Data bits	8 bits
Parity	No parity
Stop bits	1 stop bit

3-3. Location of Communication Connector



9 Pin D-type

3-4. Specification of Dip Switch



The switch should be set as "ON" state like figure.

< Choice of currency in the Upper Cassette >

ON : EUR(20,50€) , NZD(20,50\$), GBP(.),
CNY(1,2Yuan), Korean Banknotes(\)
OFF: EUR(5,10€) , NZD(5,10\$), AUD(\$), CAD(\$)
USD(\$), BRL(REAIS), CNY(10,20Yuan)

< Choice of currency in the Lower Cassette >

ON : EUR(20,50€) , NZD(20,50\$), GBP(.),
CNY(1,2Yuan), Korean Banknotes(\)
OFF: EUR(5,10€) , NZD(5,10\$), AUD(\$), CAD(\$)
USD(\$), BRL(REAIS), CNY(10,20Yuan)

< Display of Reject code >

ON : Non-Display **OFF:** Display

< Baud Rate >

ON : 9600 bps **OFF:**19200bps

< Thickness criterion for currency used in Upper Cassette >

ON : Others **OFF:** CAD(\$)

< Thickness criterion for currency used in Lower Cassette >

ON : Others **OFF:** CAD(\$)

< Adaptation of over-reject stop function (option) >

ON : Stop when over-rejected
OFF: Continue to dispense in spite of over-rejected
(over-reject: bills over 6 are rejected)

< Definition of Bill-End (option) >

ON: 10~30 bills remain **OFF:** No bill remains

4. How to Charge Notes

The method of charging notes and the charging state give a great effect on the performance of a cash dispenser and should be carefully charged like below.

4-1. Arranging Notes

First, all notes to be charged are arranged in order like the below picture.



4-2. Laying Cassette

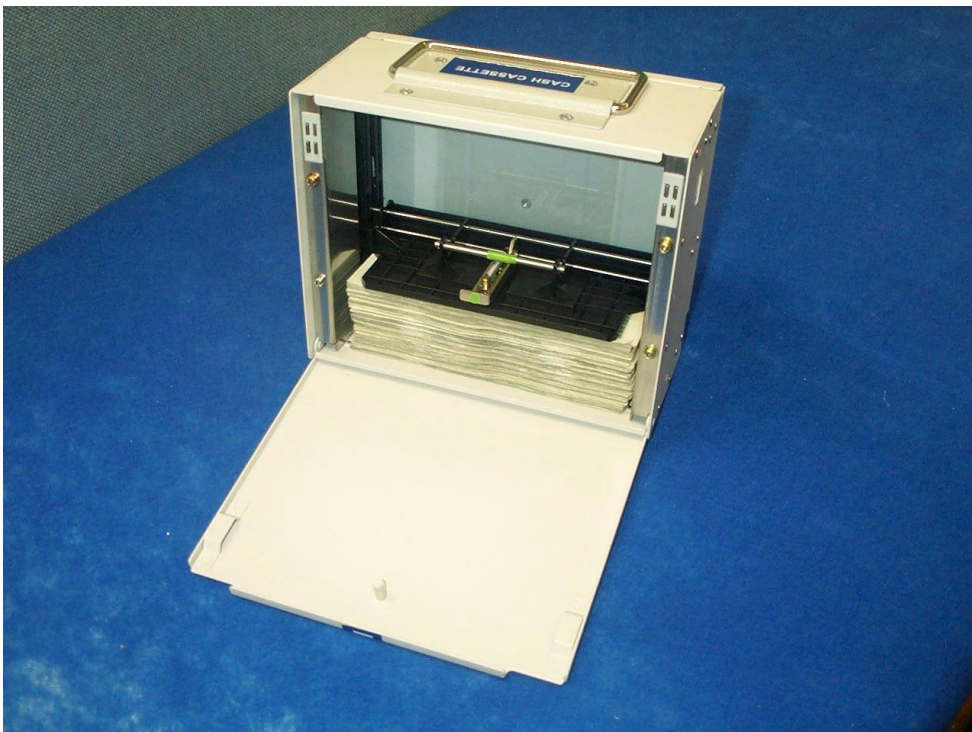
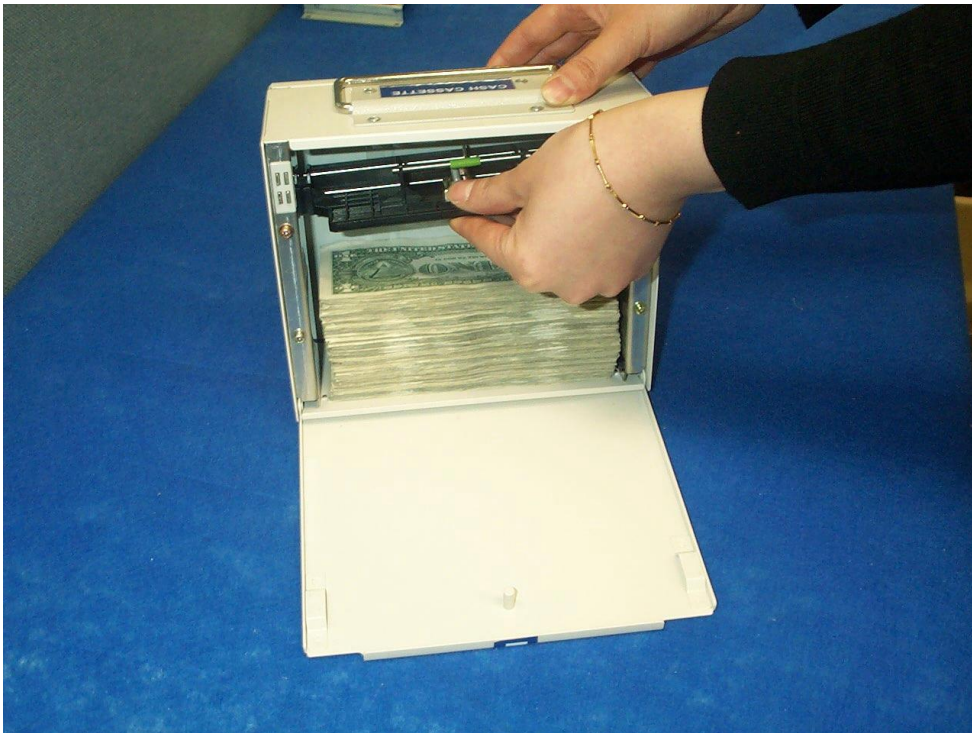


4-3. Locking Plate and Charging Notes



4-4. Unlocking Pushing Plate

Like below, the pushing plate should be unlocked by pressing the key.



4-5. Insertion of Cassette

The cassettes should be completely inserted up to the latching into the main body.

