

Umbrella vending machine

I .How to use

NO. 1: 220V/110V AC power:

Step 1: Insert coins/ bills

Step 2: Collect umbrella

NO. 2: DC 12V battery operated :

Step 1: Push the button

Step 2: Insert your coins/bills

Step 3: Select umbrella

II . How to put the umbrellas in the product column?

In order to vend better, please try to put the umbrella one by one as follows



UMBRELLAS IN PRODUCT COLUMN

III. MAINTENANCE AND MANAGEMENT

Umbrella vending machine controller has these characteristics:

- LCD Display can show 32characters(2 rows each 16 characters)
- Graphic keyboard-12 keys
- 8 motor controls and motor feedback signals
- 8 led lights
- 8 select buttons
- RS232 interface for Note Acceptor or online program upgrade
- RS232 interface for Changer(bill or coin) or GSM module,

- Pulse interface for coin acceptor
- Use DC 12V power supply
- Real time clock function, and has the specialist battery
- Support battery operation, It will shut down after one time complete vending action
- Diagnostic function: Include motor undercurrent, over current, or the feedback wire is break
- Automatic mask the error channel

A: View



VIEW OF LCD SIDE

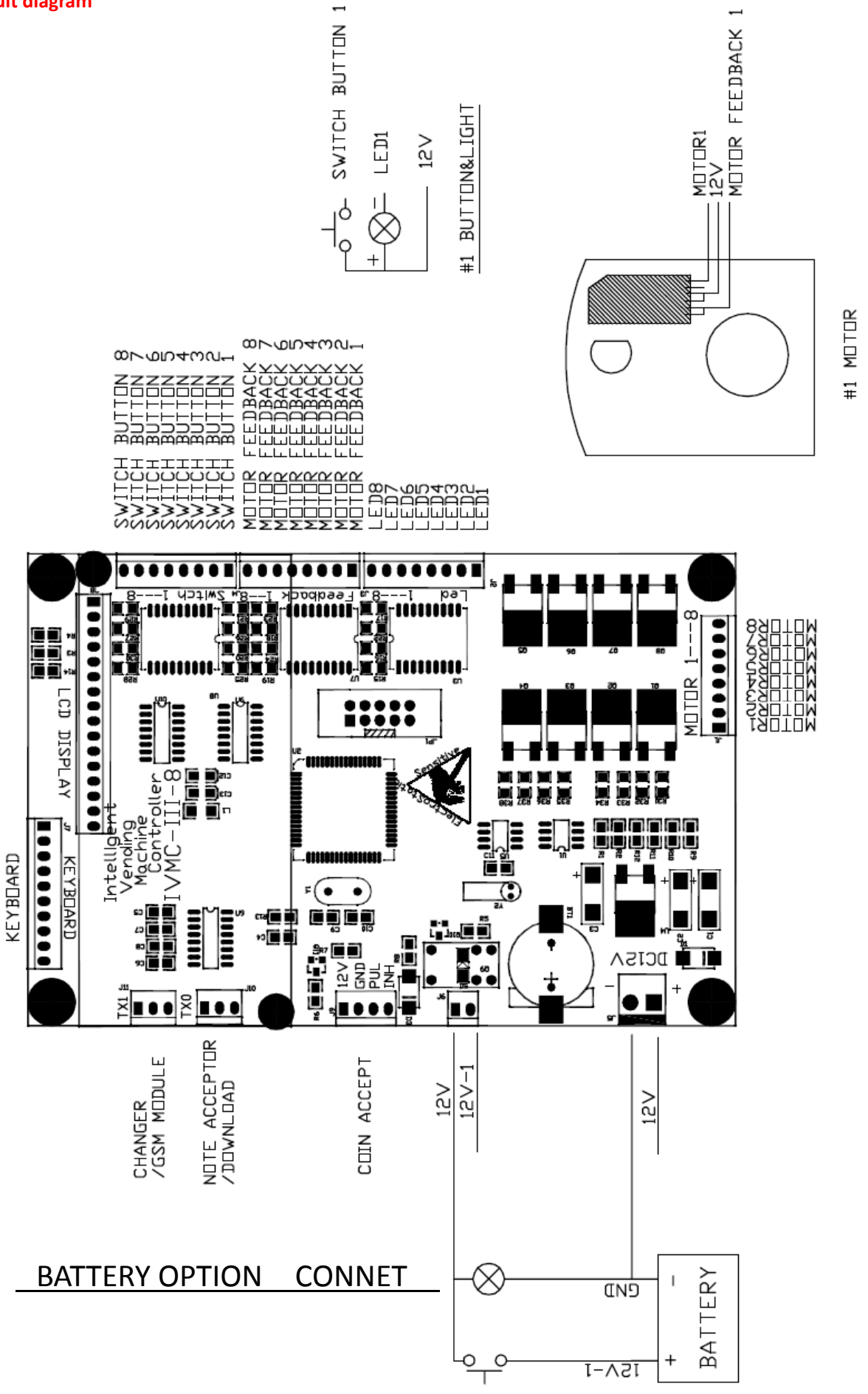


VIEW OF THE CONNETOR SIDE



VIEW OF KEYBOARD

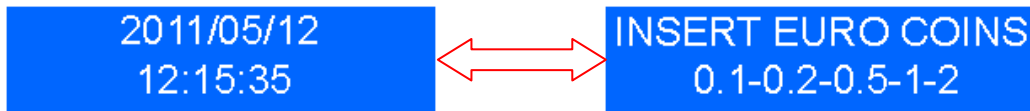
B: circuit diagram



C: SWITCH SALE MODE AMONG MAINTENANCE MODE

A. After switch on, it will automatically enter the sale mode












LCD WILL DISPLAY 2 display pages , and they will automatically switch in 2 seconds














The interface display can be changed based on the customer’s needs

NORMAL SALE	INSERT EURO COINS 0.1-0.2-0.5-1-2
If there is hopper for change, it is error or no changer	INSERT EURO COINS Out of chage
If all channels are empty or error	SORRY ALL ITEMS OUT OF STOCK

B.PREES  TO ENTER maintenance MODE

	LCD DISPLAY	KEYBOARD
1	MAIN MENU 1 SET PRICE	PRESS  TO ENTER 1.0 PRESS  TO ENTER 2
2	MAIN MENU 2 SET NUM	PRESS  TO ENTER 2.0 PRESS  TO ENTER 1 PRESS  TO ENTER 3
3	MAIN MENU 3 STATISTIC	PRESS  TO ENTER 3.0 PRESS  TO ENTER 2 PRESS  TO ENTER 4
4	MAIN MENU 4 SET DATE	PRESS  TO ENTER 4.0 PRESS  TO ENTER 3 PRESS  TO ENTER 5

5		PRESS  TO ENTER 5.0 PRESS  TO ENTER 4 PRESS  TO ENTER 6
6		PRESS  TO ENTER 6.0 PRESS  TO ENTER 5 PRESS  TO ENTER 7
7		PRESS  TO ENTER 7.0 PRESS  TO ENTER 6




IN THE PAGE 1~PAGE7

PRESS  WILL back to SALE MODE

1.PRICE SETUP





	LCD DISPLAY	KEYBOARD
1.0		PRESS  TO ENTER 1 PRESS  TO ENTER 1.1
1.1 ~ 1.6
1.7		PRESS  TO ENTER 1 PRESS  TO ENTER 1.6

EXAMPLE OF SETTING A PRICE (FORM 2.0 EURO TO 3.0 EURO)


KEYBOARD	LCD DISPLAY
1.0	
	

	1.0 SET A PRICE * NOW=2.0 SET=3
	1.0 SET A PRICE * NOW=2.0 SET=3.
	1.0 SET A PRICE * NOW=2.0 SET=3.0
	1.0 SET A PRICE NOW=2.0 SET=3.0
	1.0 SET A PRICE NOW=3.0 SET=
	MAIN MENU 1 SET PRICE







2. PRODUCT QUANTITY SETUP









2.0	1.0 SET A NUM NOW=20 SET=	PRESS  TO ENTER 2 PRESS  TO ENTER 2.1
2.1 ~ 2.6
2.7	1.7 SET H NUM NOW=20 SET=	PRESS  TO ENTER 2 PRESS  TO ENTER 2.6

EXAMPLE OF SETTING A NUM (FORM 20 TO 30)

KEYBOARD	LCD DISPLAY
2.0	1.0 SET A NUM NOW=20 SET=
	1.0 SET A NUM * NOW=20 SET=
	1.0 SET A NUM * NOW=20 SET=3
	1.0 SET A NUM * NOW=20 SET=30
	1.0 SET A NUM NOW=20 SET=30
	1.0 SET A NUM NOW=30 SET=
	MAIN MENU 2 SET NUM

3. STATISTICS

3.0	3.0 TOTAL NUM 200PCS	PRESS  TO ENTER 3 PRESS  TO ENTER 3.1
3.1	3.1 TOTAL CASH 600.0	PRESS  TO ENTER 3 PRESS  TO ENTER 3.2
3.2	3.2 CURRENT NUM 20 PCS	PRESS  TO ENTER 3 PRESS  TO ENTER 3.3

3.3	3.3 CURRENT CASH 50.0	PRESS  TO ENTER 3 PRESS  TO ENTER 3.4
3.4	3.4 EXTRA CASH 12.3	PRESS  TO ENTER 3 PRESS  TO ENTER 3.5
3.5	3.5 TOTAL NOTE 0.0	PRESS  TO ENTER 3 PRESS  TO ENTER 3.6
3.6	3.6 TOTAL COIN 400.0	PRESS  TO ENTER 3 PRESS  TO ENTER 3.5



4. SET DATE

4.0	4.0 SET YEAR NOW=11 SET=	PRESS  TO ENTER 4 PRESS  TO ENTER 4.1
4.1	4.1 SET MONTH NOW=5 SET=	PRESS  TO ENTER 4 PRESS  TO ENTER 4.2
4.2	4.3 SET DAY NOW=15 SET=	PRESS  TO ENTER 4 PRESS  TO ENTER 4.4
4.3	4.3 SET HOUR NOW=12 SET=	PRESS  TO ENTER 4 PRESS  TO ENTER 4.4
4.4	4.4 SET MINUTE NOW=12 SET=	PRESS  TO ENTER 4 PRESS  TO ENTER 4.5
4.5	4.5 SET SECOND NOW=12 SET=	PRESS  TO ENTER 4 PRESS  TO ENTER 4.4

5. SET GSM

5.0	N=8615900909001 S=	PRESS  TO ENTER 5
5.1	5.1 SET GSM TIME1 NOW=8 SET=	PRESS  TO ENTER 5
5.2	5.2 SET GSM TIME2 NOW=19 SET=	PRESS  TO ENTER 5

6. MOTOR STATUS

6.0	A=F B= C= D= E=F F= G= H=	PRESS  TO ENTER 6
	A= B= C= D= E= F= G= H=	CLEAR ALL ERRORS



F means fault for the product column motor, you can clear all errors and modify them







7. RECOVERY SETUP

7.0	7.0 RECOVERY SET PIN:	PRESS  TO ENTER 7
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THE PIN:= 5619(test), for the real, please contact us, USER CAN NOT MODIFY

EXAMPLE OF RECOVERY SETUP

7.0	7.0 RECOVERY SET PIN:
	7.0 RECOVERY SET * PIN:
	7.0 RECOVERY SET * PIN:5




	7.0 RECOVERY SET * PIN:56
	7.0 RECOVERY SET * PIN:561
	7.0 RECOVERY SET * PIN:5619
	7.0 RECOVERY SET * PIN:5619
	7.0 RECOVERY SET * PIN:CLEARED
	MAIN MENU 7 RECOVER SETUP










APPENDIX A

INPUT CHARACTER DELETE

EXAMPLE :

ENTER THE PIN 5619 BUT USER ENTER IT TO 5618 BY MISTAKE,SO USER CAN USE THE DELETE CHARACTER FUNCTION TO DELETE ANY BITS.

7.0	7.0 RECOVERY SET * PIN:	
	7.0 RECOVERY SET * PIN:	
	7.0 RECOVERY SET * PIN:5	
	7.0 RECOVERY SET * PIN:56	

	7.0 RECOVERY SET * PIN:561	
	7.0 RECOVERY SET * PIN:5618	Here is an input error
	7.0 RECOVERY SET PIN:5618	Back from the numeric mode
	7.0 RECOVERY SET PIN:561	Delete the “8”
	7.0 RECOVERY SET * PIN:561	Re-enter the numeric mode
	7.0 RECOVERY SET * PIN:5619	
	7.0 RECOVERY SET PIN:5619	
	7.0 RECOVERY SET PIN:CLEARED	
	MAIN MENU 7 RECOVER SETUP	