

# JY-910 Multi Coin Acceptor Manual

## Specification

**Coin Diameter** : 15mm-32mm

**Coin Thickness** : 1.2mm-3mm

**Working Voltage** : DC +12V  $\pm 10\%$

**Atmospheric Pressure** : 86Kpa—106Kpa

**Accuracy Rate of Identification** : 99.5%

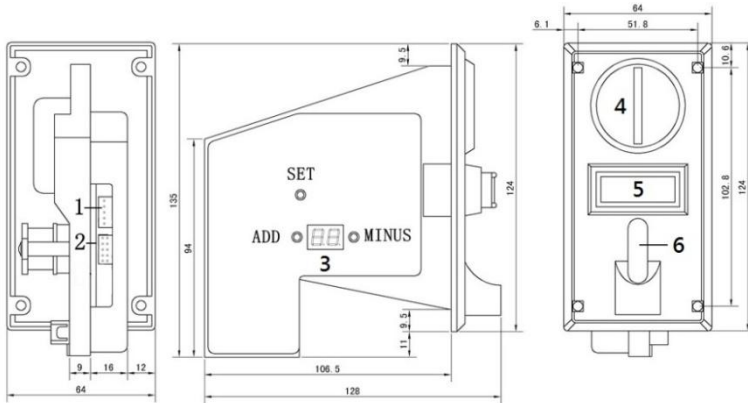
**Working Humidity** :  $\leq 95\%$

**Signal Output** : pulse and RS232

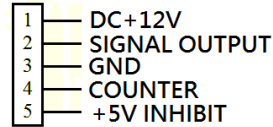
**Speed** :  $\leq 0.6s$

**Working Current** : 65mA  $\pm 5\%$

## Connection and Switches



1. Pulse output:



2. RS232 output (9600 bps):

Reference to B on page 2, CONNECTION on page 3, and PROTOCOL on page 4.

3. Display

4. coin entry

5. push for stocking inside

6. coin return

Please program coins based on following table:

Code	Description	Default	Range	Setting No.	
				Manual	PC
E	Total amount for coin types	01	1-10	A	- Only on windows system - Reference to attachment 2
P + figure	P : Pulse output	01	1-99		
	Figure: Coin sorting order				
A + figure	A:sample coin	None		B	
	Figure: Coin sorting order				
F + figure	accuracy	05	1-10	C	
	Figure: Coin sorting order				
1	NO and NC	NC		D	
2	Duration:30ms, 50ms, and 100ms	100ms			
AP	Collect received multi pulse to output 1 pulse	01	1-99	E	
	Re-count if it has no signal action after 1 minute				
	Example: (1) 05- output 1 pulse signal per 5 collected pulse. (2) if 3 pulse is collected and not any more after 1 minute, 3 collected pulse is removed for AP mode.				

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## ● **Setting Note**

(1) Please use button “ADD” and “MINUS” to adjust number

Please push button “SET” to switch to next code

Please push button “SET” to skip, if you do not need to adjust for code, please push button SET to skip.

(2) Usually, free to use coin acceptor after set up A and B.

C, D, and E is not necessary to adjust.

## ● **Manual Setting No.**

A. 1. Push button ADD, “E” shows up. Please adjust number.

2. Push button SET, “P1” shows up. Please adjust number for first type of coin.

3. Please push button SET, “P2 show up. Please adjust number for second type of coin.

4. Please repeat No.3 to set up “P+ figure” until all type of coins is finished.

B. 1. Hold on button SET for 3 seconds, “A1” shows up.

2. Please push button SET, “A2” show up. Please adjust number for second type of coin

3. Please repeat No.3 to set up “P+ figure” until all type of coins is finished.

C. 1. Push button Minus, “F1” shows up. Please adjust number for first type of coin.

2. Please push button “SET”, “F2” show up. Please adjust number for second type of coin.

3. Please repeat No.2 to set up “F+ figure” until all type of coins is finished.

Note: 1 is most accuracy.

D. 1. Hold on button “ADD” for 3 seconds, “1” shows up. Please adjust to NO or NC

2. Push button SET, “2” shows up. Please adjust to 30 (30ms) or 50(50ms) or 10(100ms)

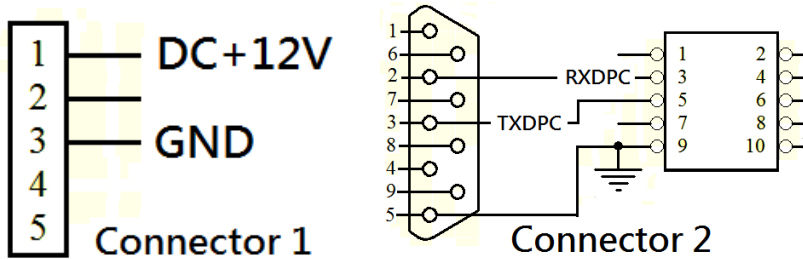
E. 1. Hold on button “SET” and “ADD” simultaneously, please adjust number for pulse.

2. Push button SET to finish.

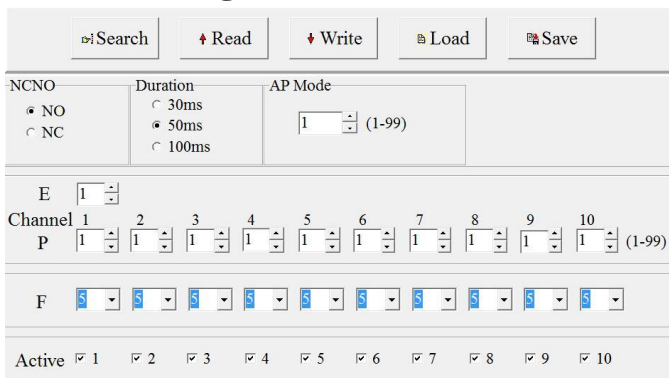
3. Coin acceptor restarts automatically.

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- **Baud Rate: 9600 bps**
- **Connection:**



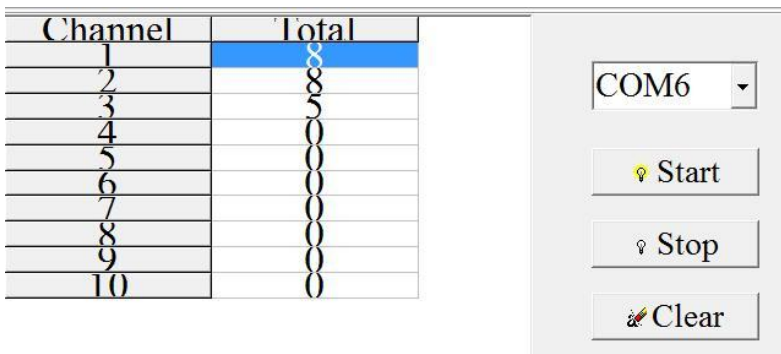
- **PC Setting Panel:**



READ	load value from connecting coin acceptor
Write	write current value to coin acceptor
Load	load value from file
Save	save current value to file
Active	tick- Enable to use the channel
	not Tick- not enable to use the channel

Click Read -> all value shows up -> change value -> Click Write

- **Test Panel:**



1. Choose interface
2. Click Start
3. Insert coins
4. Click stop for pause
5. Clear: Reset after click clear
6. accumulated if not re-install software and click clear

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## RS232 protocol

### ● Baud Rate: 9600 bps

#### **1. Normal idle status bytes will report one group data**

A1 A2 A3 A4 A5

A1: Header byte 0x98

A2: Mulpitly of setting

A3: Divide of setting

A4: Coin value mount stored inside the EU1

A5: Check sum of the bytes before

#### **2. Coin data receiverd will include three groups data**

A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15

A1: Header byte: 0x97

A2: Mulpitly of setting

A3: Divide of setting

A4: Coin value accepted

A5: Check sum of the bytes before

A6: Header byte:0x91

A7: Reserved

A8: Pulse width of setting

A9: Reserved

A10: Check sum of the bytes before

A11: Header byte:0x94

A12: Reserved

A13: Pulse width of setting

A14: Coin channel (From BANK A: 1 to 6 and BANK B: 7 to 12)

A15: Check sum of the bytes before

#### **3. Error coin data will include one group data**

A1 A2 A3 A4 A5

A1: Header bye: 0x92

A2,A3,A4: Reserved

A5: Check sum of the bytes before

#### **4. Right coin data but coin jammed inside the EU1 will include two groups data**

A1 A2 A3 A4 A5 A6 A7 A8 A9 A10

A1: Header bye: 0x93

A2 A3 A4: Reserved

A5: Check sum of the bytes before

A6: Header bye: 0x92

A7 A8 A9: Reserved

A10: Check sum of the bytes before