Crazy Drill Master
Manual
（d2.0）

Notice: In order to guarantee the safety, please read the following terms carefully.

1.Matters that need attention

Matters need attention in Installation
1) Installing or removing this product, please contact the relevant technical personnel first.
2) The product is applied indoors, avoiding wet places.
3) The product should not be installed in the below places:
Places that are wet or leaking
Places such as greenhouse facilities and high Humidity.
Places with the floor tilt, uneven or vibration.
4) Be in AC220V, with the wire holed greater than 10A
5) Please don't place the outlet on the floor otherwise it may lead to an accident.
6) Please don't use the outlet with many pins, it may lead to fire hazards or electric shock.

Use caution:

1) Be sure to turn off the power when verifying and serving. Please don't use water to clear up the machine inside directly, otherwise it may happen to leak and cause by mislead actions, and lead to a fire hazard or an electric shock.
2) All consumables should meet specifications.
3) To prohibit the action of resolving and altering this product, it may cause to a fault. Our company is not responsible for such cases.
4) In order to improve the quality, it is possible we may update solfware or change the specification without prior notice

2. Specifications

Exterior Appearance……………………D100*W105*H182（cm）

Weight……………………………………About 200KG

Voltage……………………………………AC220V

Power……………………………………About150W

Implement………………………………Token

Coin Box Capacity………………………………About 5000 coins

3.Accessory

Instruction Book…………………………………………… 1 piece
Micro switch   ....…………………………… 2 piece
Wire…………………………………………………1piece

4.How to play

1.Insert coin
2.Control the left-right movement of the drill by joystick
3.Press "Up" button,aim the gift hole then release.
4.If the drill goes in and rotate,then get the prize

5.Illustration of main-board's function
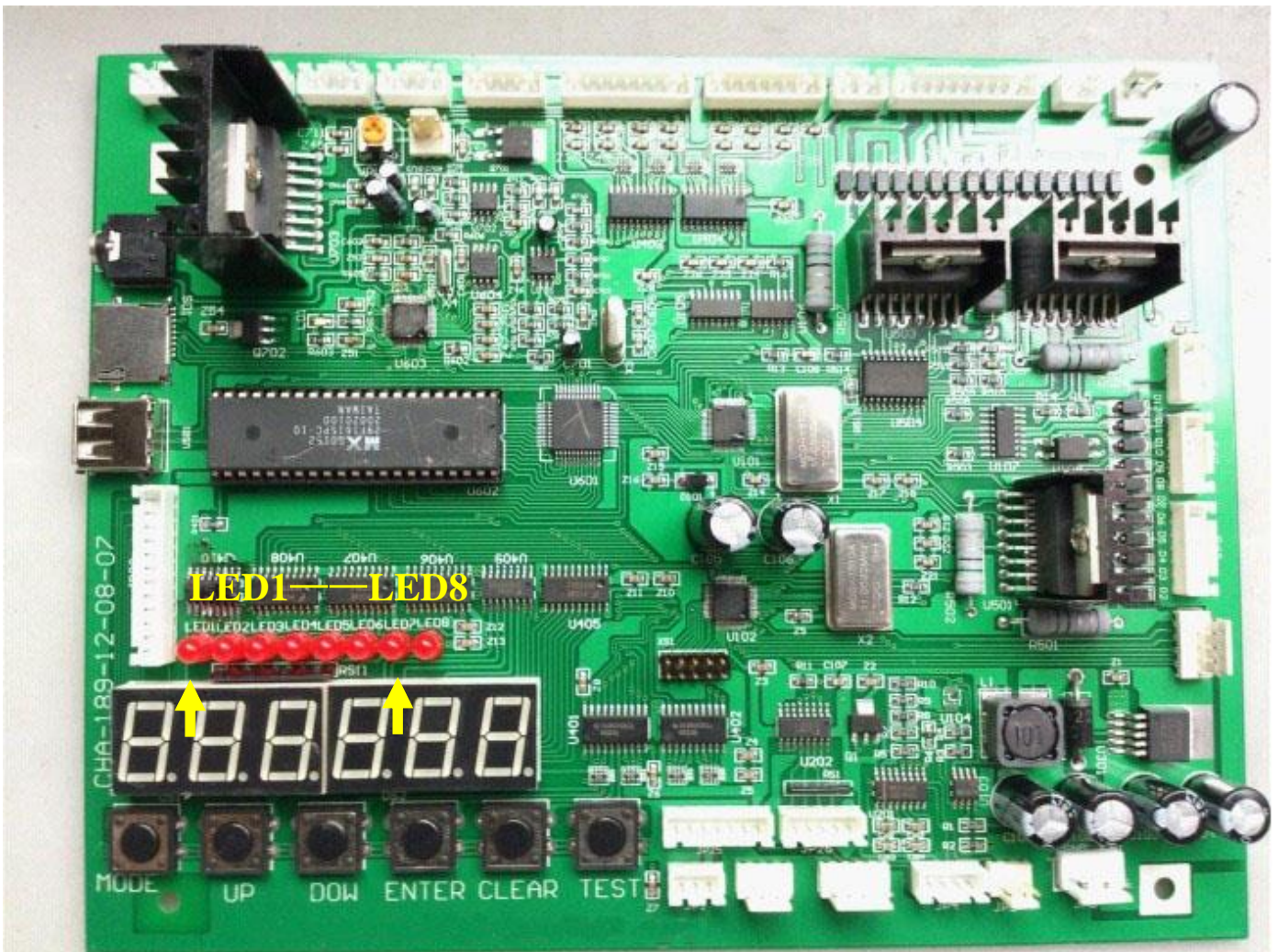
1、LED 1: mode 1 (as the pic shown above)
2、LED 2: mode 2 (as the pic shown above)
3、LED 3: mode 3 (as the pic shown above)
4、LED 4: mode 4 (as the pic shown above)
5、LED 5: mode 5 (as the pic shown above)
6、LED 6: mode 6 (as the pic shown above)
7、LED 7: mode 7 (as the pic shown above)
8、MODE button, the button to change mode

9、UP: the button to select

10、DOWN: the button to select

11、ENTER: the button to make a confirmation.

12、CLEAR: the button to delete all data

13、TEST: the button to test

6.Account Checking

The way to enter amount accounting checking:Pressing "MODE" button to light up the LED 1,Means Total accounting.as below:
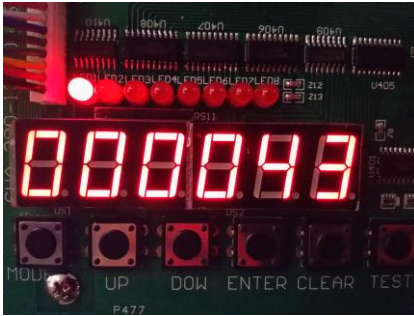
Pressing "MODE" button to light up the LED 2，means Total total gift payout.As below:
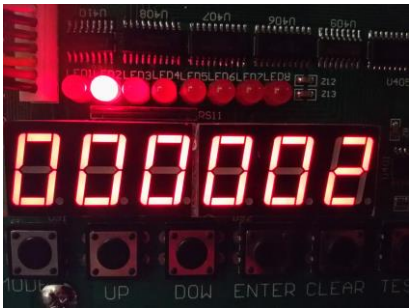
Way of Unclear total account checking:Input the pass code under Mode 8.

Pressing "MODE" button to light up the LED 8.Pressing "ENTER"button,Input the pass code.(Factory setting 0003)

Pressing "ENTER"button,LED 8 and LED 1 light up together,show the Unclear Total account.
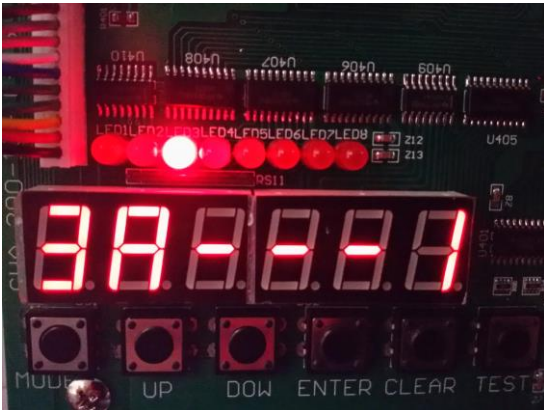

Pressing "TEST"button,LED 8 and LED 2 light up together,show the Unclear prizes payout account.
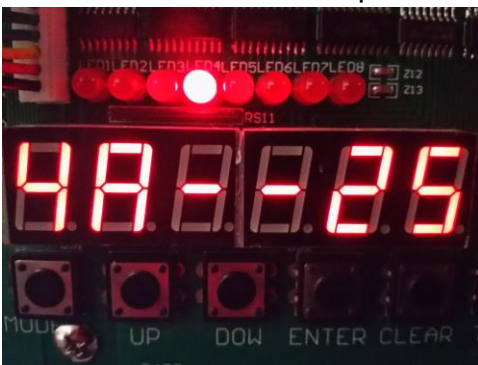
7.Adjusting and Testing

(1)Setting credit of every game/how many coins per game.

Press "MODE" button to light up the LED 3, The digital show 3A--X，You can Adjust credits per play.Adjust the credit from 1 (Minimum) to 5 (Maximum) by pressing "Up" or "Down" Button
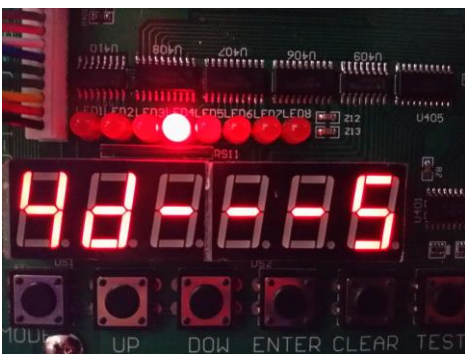

(2)Setting time per play.

 Enter mode 4 method：press button "MODE" till LED4 bright and get into mode 4.

Display 4A--XX， use "UP" 、"DOWN" key to adjust game time range from 20-60 sec. As picture,

Press "TEST" key then display 4B ---X to setup demonstrate music，

Use "UP" 、"DOW" key to adjust，0 means no music. 1 means 1 minute play 1 demonstrate music. 2 means 2 minutes play 1 demonstrate music. 3 means 3 minutes play 1 demonstrate music. 4 means 4 minutes play 1 demonstrate music. 5 means 5

minutes play 1 demonstrate music. 6 means keep playing music. As picture,

Change game music and demonstrate music method.

USB connected：Change game music and demonstrate music method: Press "CLEAR" button 3 sec under setup demonstrate music mode, tube glint and copy music to main board from USB.

SD connected： Press "ENTER" key 3 seconds, when tube glint and it will copy music to main board from SD card.
(Note: Audio format is MP3，96K frequency can save 360 second music)

Music arrangement mode：Setup a new folder on computer for copying music. Edit music name such as：0001，0002，0003，0004......etc.(First half is demonstrate music 0001,0002. Next half is game music 0003， 0004) then select arrangement mode to headline arrangement. Copy all music to USB.
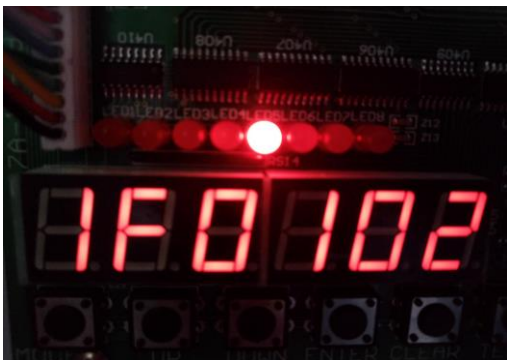
3）Setup coordinate

Enter setup mode 5. Enter mode 5 method：Press button "MODE" till LED5 bright,
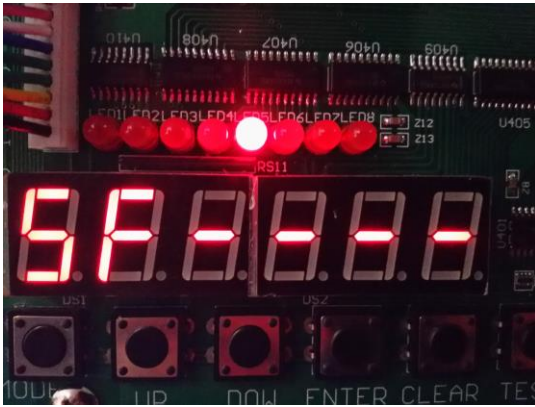
then get into mode 5. As picture

Under mode 5，press "ENTER" button。Machine will find coordinate automatically.

2.Machine will find coordinate automatically.，When the digital show1FXXXX mean the Y (up and down position).Using "UP"和"DOWN" adjust the up and down position and Press "ENTER"drill push and save the data. Check the drill go in or not,if not go in,adjust again.When LED light then save the position.
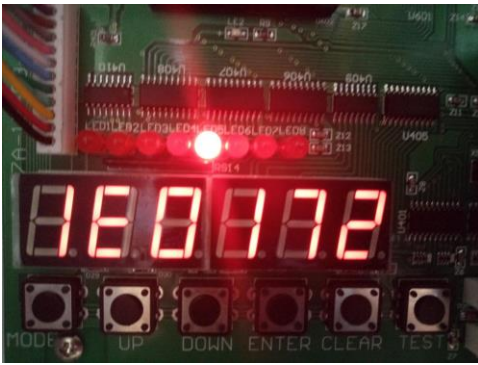
3.If X(left and right)position not right,Press"CLEAR"Button，drill push out and save data.Check the drill go in or not,if not go in,adjust again.When LED glint then save the position.

4.Press the "TEST"go to next slot.The drill come back original point after finish all slot.

（4）Confirm origin test mode:
Enter mode 6 method：Press button "MODE" till LED6 bright then get into mode 6.As picture,
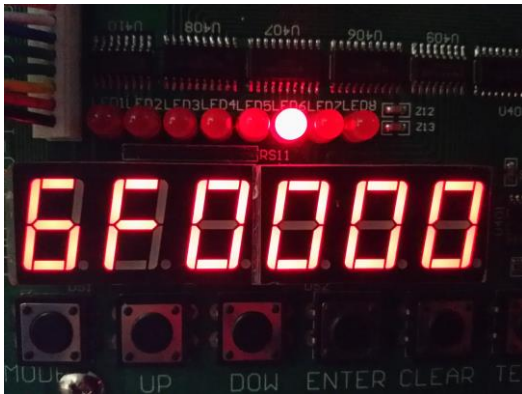
1、 Press"ENTER"button under mode6，test each box position
　　（If can't get into it, back to mode 5 and keep adjusting）
2、Press"TEST"button under mode 6，test motion （test each switch and rod's pushing）.
3、Under mode 6，press "UP"button will increase 10 tokens，press"CLEAR"one time will clear tokens.
　　If press"CLEAR"button more than 10 seconds，LED light and Nixie tube will shut down, at the same time total tokens and total gifts give up will clear.
4、Under mode 6，press"DOWN"button more than 10 sec，LED light and Nixie tube will shut down, at the same time will clear blocked token number.

8.Setting Probability

（1）Setup under mode 7，Enter mode 7 method：Press "MODE" button till LED7 bright then get into mode7. As picture,
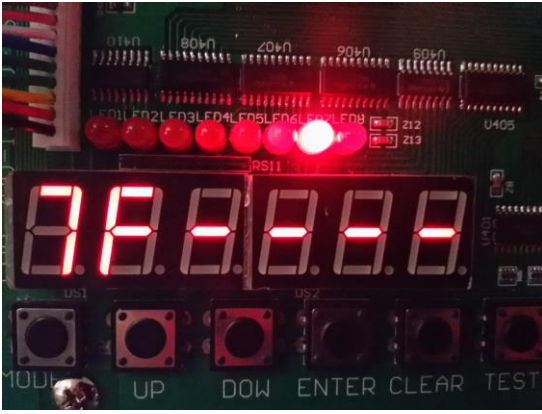
Setup probability：under mode 7, Nixie tube display**1F0005，**
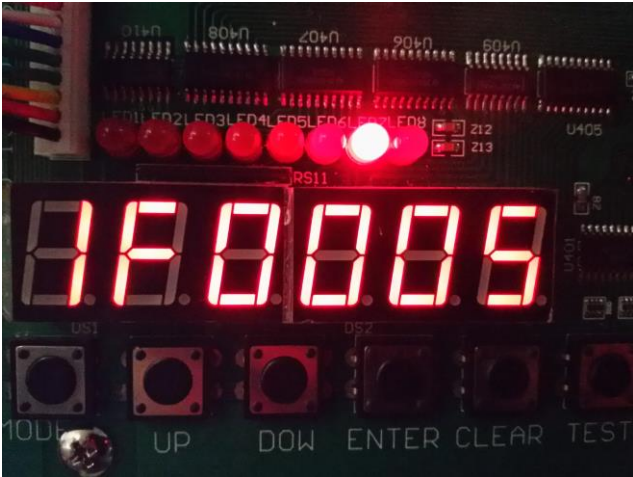
1F means the 1st gift's probability , 5 represent setting number（it means use 5 tokens can win 1 gift in first line）, use "UP" or "DOWN" button to adjust probability, use "ENTER" button to setup next line.（According to machine's gift box, there is a corresponding number）

Display	Item	Range	Origin setting	Explain
1F	1st gift probability	0-5000	50	Probability=gift cost + profit
2F	2nd gift probability	0-5000	50	Probability=gift cost + profit
3F	3rd gift probability	0-5000	50	Probability=gift cost + profit
4F	4th gift probability	0-5000	50	Probability=gift cost + profit
5F	5th gift probability	0-5000	100	Probability=gift cost + profit
6F	6th gift probability	0-5000	100	Probability=gift cost + profit
7F	7th gift probability	0-5000	100	Probability=gift cost + profit
8F	8th gift probability	0-5000	100	Probability=gift cost + profit

9.Trouble Removal

1、When Er01 appears on the digital display, it shows there is failure of the switch on lower front of the drill.。
As below:

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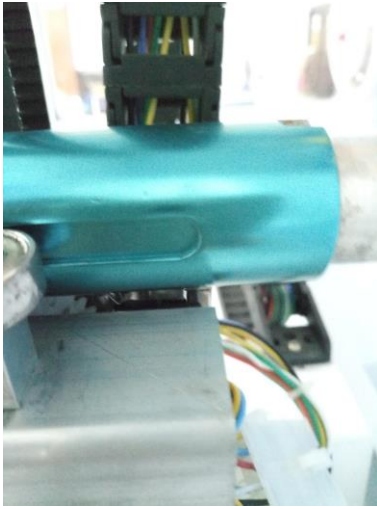
2,When Er03 appears on the digital display, it shows there is failure of sensor.。 As below:
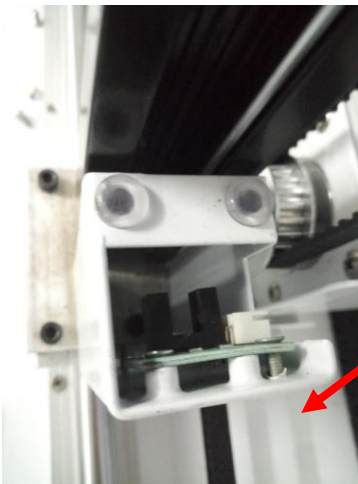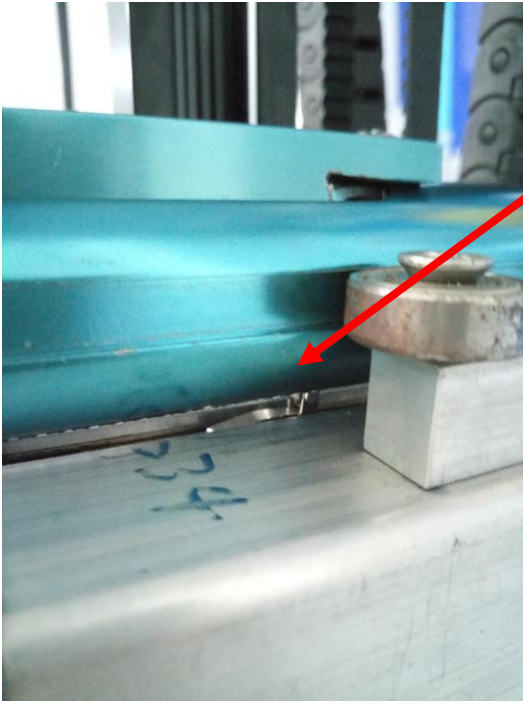

3,When Er04 appears on the digital display, it shows there is failure of left switch.。 As below:

4,When Er05 appears on the digital display, it shows there is failure of right switch.。 As below:

5,When Er07 appears on the digital display, it shows there is failure of switch under drill.。 As below:

6,When Er08 appears on the digital display, it shows there is failure of sensor inside drill.。 As below:

7、When Er09 appears on the digital display it shows not connect with accounter .