

# JY-16 Timer Board

## 2 Setting:

**Same cost and time for start and continuations use + optional function- given time:**

Set up COST and Time. Pay same cost to start or continuous using machine.

**GIVEN TIME and PRICE:**User can get extra free time if paid reaches pre-set value in running time.

GIVEN TIME VALUE is rate of COST

**Example setting:** COST- 2 dollar for 10 mins, GIVEN TIME- 2 rate for 6 mins.

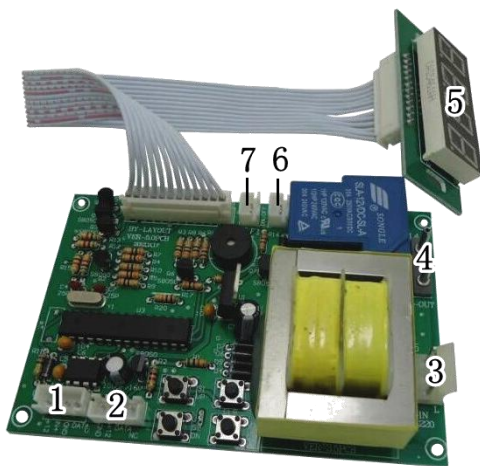
Insert 2 dollars--> machine start working for 10 mins-> Insert 2 dollar in 10 mins-> add 10+6 mins (free).

User has to insert 2 dollars in 10 mins for 6 mins free.

## Description

<b>Input Voltage</b>	<input type="checkbox"/> AC220V <input type="checkbox"/> AC110V
<b>Standby</b>	Display shows:00:00, rely: Normal Open (NO)
<b>Accumulated time</b>	Yes, add time if receive signals again when time is running
<b>Max current load</b>	15A
<b>How it works</b>	
<b>Mode 1</b>	Time runs down after receive signals-> Display shows remaining time and supply power to device-> it cuts off power after time runs out
<b>Mode 2 (Connect a button)</b>	Display shows remaining time after receive signals-> push button start-> time runs down and supply power to device-> it cuts off power after time runs out
<b>Pause (connect a button)</b>	Push button pause: it cuts off power when pause, display shows remaining time. Re-supply power after push button pause again
<b>Operating Mode</b>	Please reference to page 2

## Connection



- 1: Connect to coin acceptor or bill acceptor:  
**RED:**+DC12V                      **WHITE:** signal input  
**BLACK:** GND                      **BLUE:** counter
- 2: Connect to counter:  
**BLACK:** GND                      **RED:**+DC12V  
**WHITE:** signal output
- 3: **Input power:** neutral and live of to power supply
- 4: **Output power:** neutral and live of to device
- 5: **Display** for time and setting
- 6: Button **STOP/START**
- 7: Button **START** for operating model:01:02

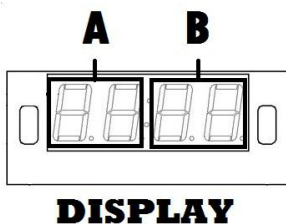
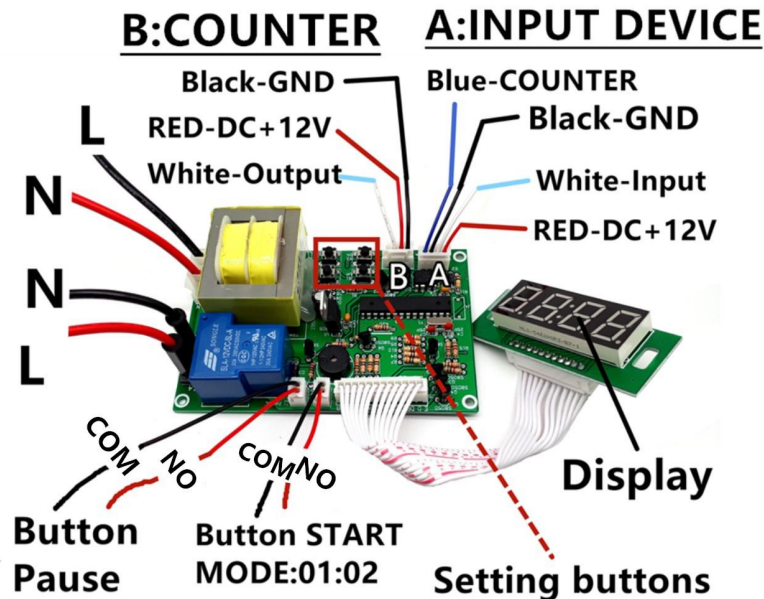
**Note:** Voltage for No.3 and No.4 need to be the same and has to be decided before leaving the factory.

**Voltage Checking:**



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## Connection diagram



**Max Time:99:59**

**Display: 99:59**

**A: 2 digit: either HOUR or MINUTE**

**B: 2 digits: either MINUTE or SECOND**

Please following page 3 to adjust Time type.

### Setting

Please follow CODE ON DISPLAY and use button "S1" and "S2" to set up number

#### ● INPUT SIGNAL QUANTITY AND TIME

1. Please press button "S4". "B" flashes. Please set up INPUT SIGNAL QUANTITY to active device (01-50).
2. Please press button "S4", "A" flashes. Please set up TIME (01-99).
3. Please press button "S4", "B" flashes. Please set up TIME (01-99).
4. Please press button "S4" 4 TIMES.
5. Please set up TIME for Warning Sound.
6. Please press button "S4" to finish.

#### ● GIVEN TIME: Add time by free if input signals reach SETTING RATE during time is running.

**Example Setting:** input signal to active device: 01, input signals for given time: 03 give time: 02:10

Add time "02:10" free if receive "3 signals" during time is running.

1. Please press button "S4" 4 TIMES. "B" flashes. Please set up RATE OF INPUT SIGNAL QUANTITY.
2. Please press button "S4", "A" flashes. Please set up GIVEN TIME.
3. Please press button "S4", "B" flashes. Please set up GIVEN TIME.
4. Please press button "S4" to finish.

## JY-16 Timer Board

### ● Mode Setting

Please follow table to set up operating function:

1. Please hold on button "S1" and "S2" simultaneously for 3 seconds to get into **MODE SETTING**.
2. Please use button "S1" and button "S2" to set up number for **CODE**
3. Please press button "S4" to switch to next code

Function	Code on Display		Description
	A	B	
Running Time	01	<b>01</b>	Time runs down without pressing button
		02	Time runs down by pressing button
Time Type	02	<b>03</b>	MINUTE: SECOND
		04	HOURL: MINUTE
Memory	03	05	Yes: Remaining time keep running after power off and on
		<b>06</b>	No: Standby power off and on
Back to standby	04	1-30	user has no action after push buttons or receive signals in setting time
Default: 01-03: Bold and base line. 04: not use the function.			

### Reference video:

Time setting: [https://youtu.be/ftIOd\\_0OHdk](https://youtu.be/ftIOd_0OHdk)

Operating mode setting: <https://youtu.be/iQKfqDHJNQU>

More information: [juyao77.com](http://juyao77.com)