

Specification:

If you weld the components correctly, generally you can use it normally, the operating voltage is DC 7V - 12V (Typical applications is 9V), pay attention to the polarity when connecting to the power supply.

During operation, continuous short time (less than one second) press S3, you can make a continuous cycle option in the following six functions. Meanwhile for the long press (more than 2 seconds) S3, then return to the clock function model immediately.

1. Clock function: display 10:10:00 after connect to power
2. Correcting function: short press S3 once, namely with the flashing current time and the colon status, after that press S2 means hour plus one , press S1 means minutes plus 1, seconds are not adjustable .
3. Alarm function: Press short twice S3, namely display status is 22:10:00, colon is long-bright. Then press S2 means plus 1 hour, then press S1 means minutes plus 1, seconds are not adjustable . When hours are more than 23 the screen will be displayed - : - : - , this means closing the alarm function.
4. Countdown function : Press three times S3, show a status of 0 , colon as long off. Press the S2 then from low so high to display, press S1 means plus 1, when press S2 to the six times it will begin to countdown based on the time you set up, press S2 again will re-enter the adjustment function, and stop the countdown .
5. Stopwatch function : Press the S3 four times, with display status of 00:00:00 , colon as long bright . Stopwatch is started by pressing S2, S2 is pressed again to end the stopwatch, after you finish the stopwatch, after S1 is pressed the stopwatch is cleared.
6. Counter function : short press S3 five times, with the displays status of 00:00:00 , the colon is long off, the counter is incremented 1 by pressing S2 , press S1 again the counter is cleared .

16	Nixie tube	4 inch two anode in red	DS1	35	IC socket	20P	U1
17		4 inch two anode in red	DS2	36	PCB	49*97.5mm	1
18		4 inch two anode in red	DS3	37	wire	7.2P single-head 150mm	1
19	buzzer	5V active	U3	38	specification	A4	1