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SPIDER FARMER CONTROLLERS



- One channel dimming, eight sets of timing, touch screencontrol, real-time monitoring of temperature and humidity data.
- Support PWM/0-10V dimming power supply, and load up to 50 single power and 25 dual power dimming lamps.
- Independent interface for temperature and humidity. Insert temperature and humidity sensor probe when using this function.
- output signal to repeater amplifiers. Be able to connect 20 repeater amplifiers at the same time, and one can be connected to up to 50 single dimming power supply lamps.

(This machine requires additional purchase)

Accessories list

Host

Unified control of power supply with PWM/1-10Vfunctional interface



Standby RJ45 interface

Humidity Sensor

Used to collect environmental temperature/humidity data



Power adapter

Use to support the power of controler



Dimming signal line

Using black line to connect Spider Farmer lamps



Using grey line to connect other lamps



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Accessories usage

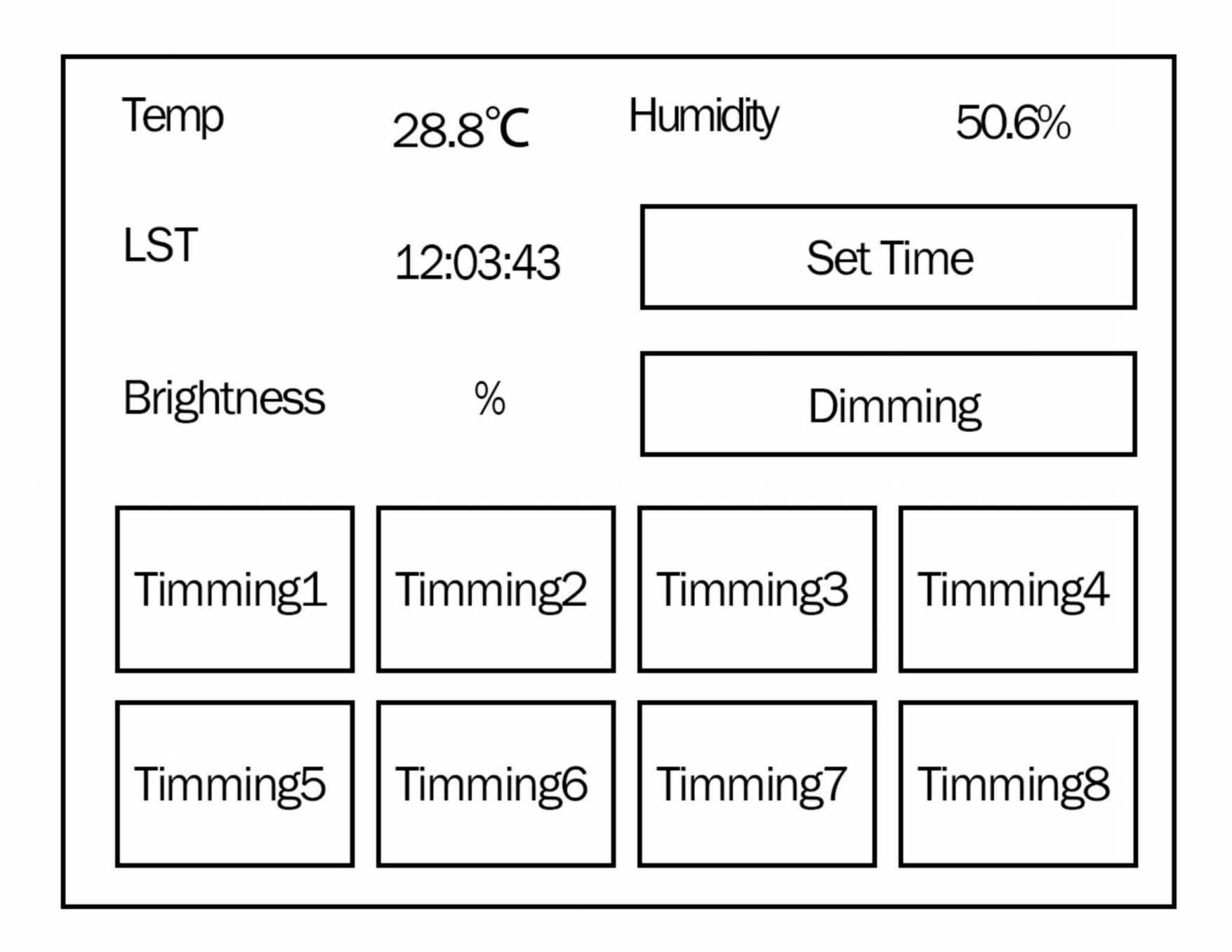
| Accessory | Specifications | usage | |
|---------------------------------|--|---|--|
| Power adapter | (110V-220V input, DC12V output) | Used to power the dimmer | |
| Temperature and humidity sensor | Working voltage: 5V Temperature measurement range: -40°C~+80°C Temperature measurement accuracy: ±0.5°C Humidity measurement range: 0-100%RH Humidity measurement accuracy: ±2%RH Cable length: 3 meters | Used to collect environmental temperature/humidity data | |
| Dimming signal line | Gray | Used to connect lamps | |
| Host | Silver or black, corresponding to different appearance labels according to customer needs | Unified control of power supply with PWM/1-10V functional interface | |

Operation instructions

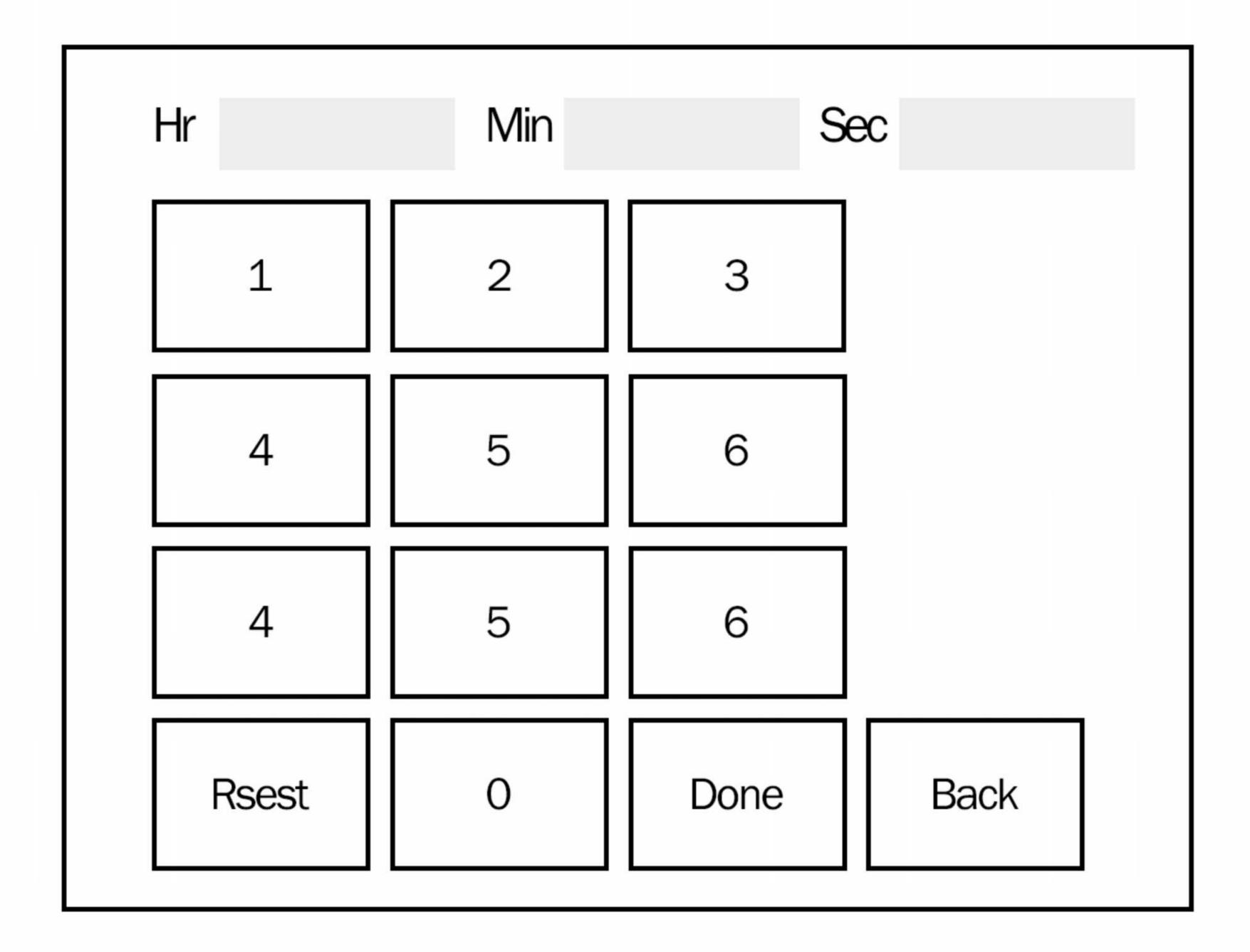
- Connect the power adapter, temperature and humidity sensor, and the corresponding interface position of the dimming signal line to the host.
- Connect the dimmer and the lamp with the signal wire.
- Turn on the power adapter switch to supply power.
- Follow the instructions on the page.

Specific examples are as follows:

Normal screen after booting, as shown in the following figure:



Set the local time first, click the "Set Time" button to enter this interface, directly enter "hour-minute-second" in the blank space, click "Done" to complete. As shown in the figure below:

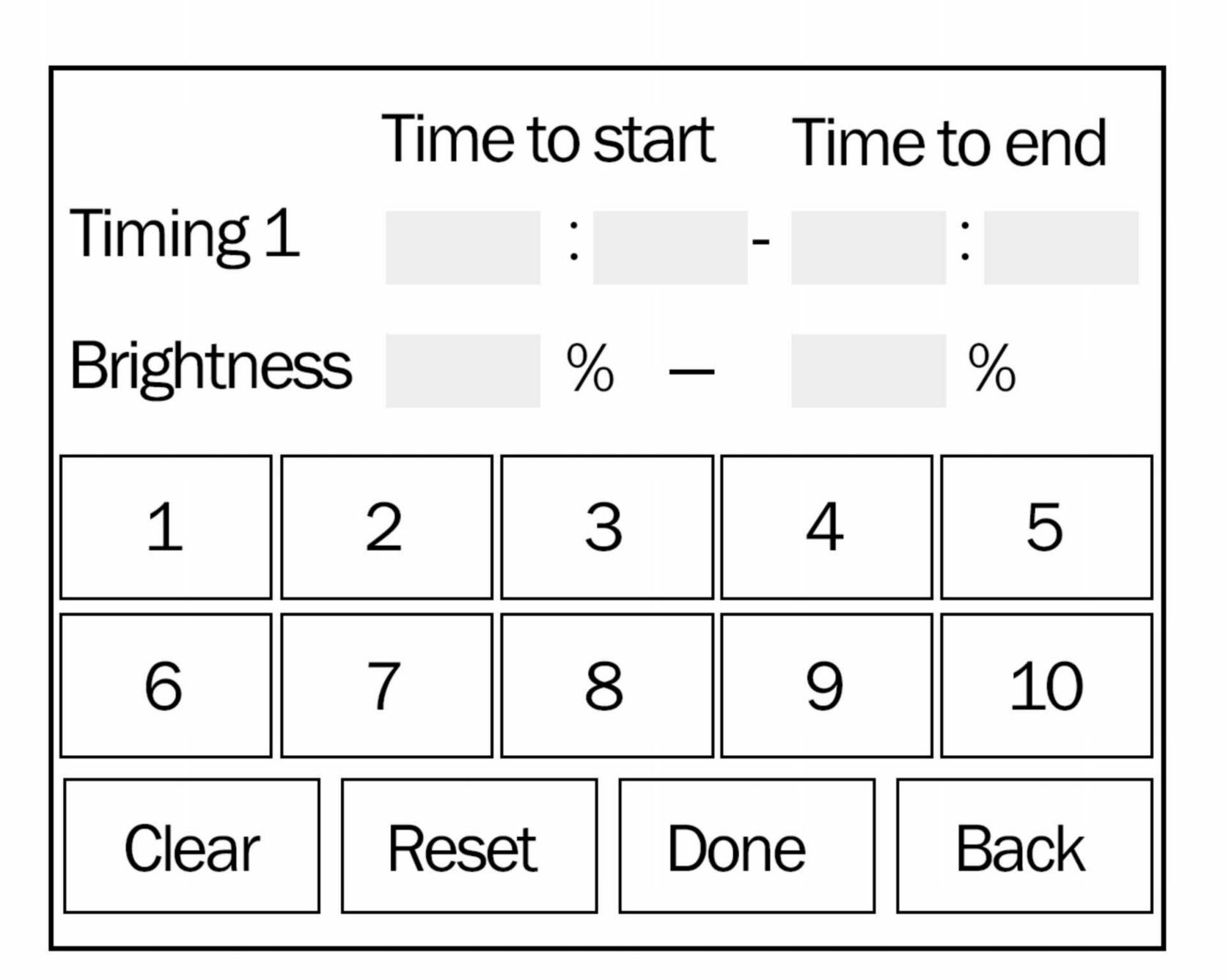


SPECIFICATIONS

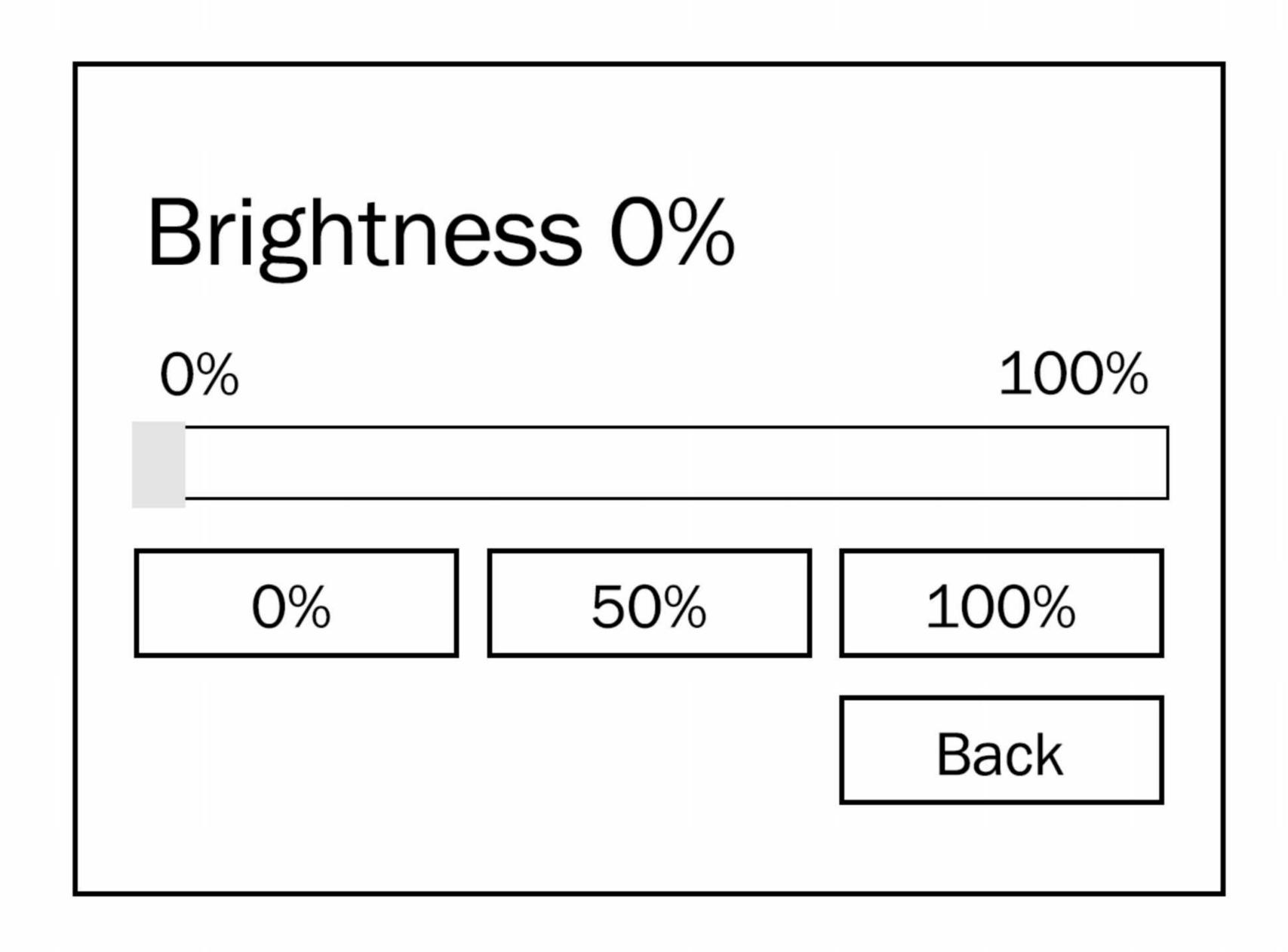
Set two or eight timings. The green one means "running". The orange one means "waiting for a timing task". The blue background means no time setting. All timing tasks are automatically cycled in 24 hours. As shown in the following figure:

| Temp | 28.8°C | Humidity | 50.6% |
|------------|----------|----------|----------|
| LST | 12:03:43 | Set Time | |
| Brightness | % | Dimming | |
| Timming1 | Timming2 | Timming3 | Timming4 |
| Timming5 | Timming6 | Timming7 | Timming8 |

Directly enter a valid number in the blank space, then click "Done" to complete the time-setting. As shown in following:

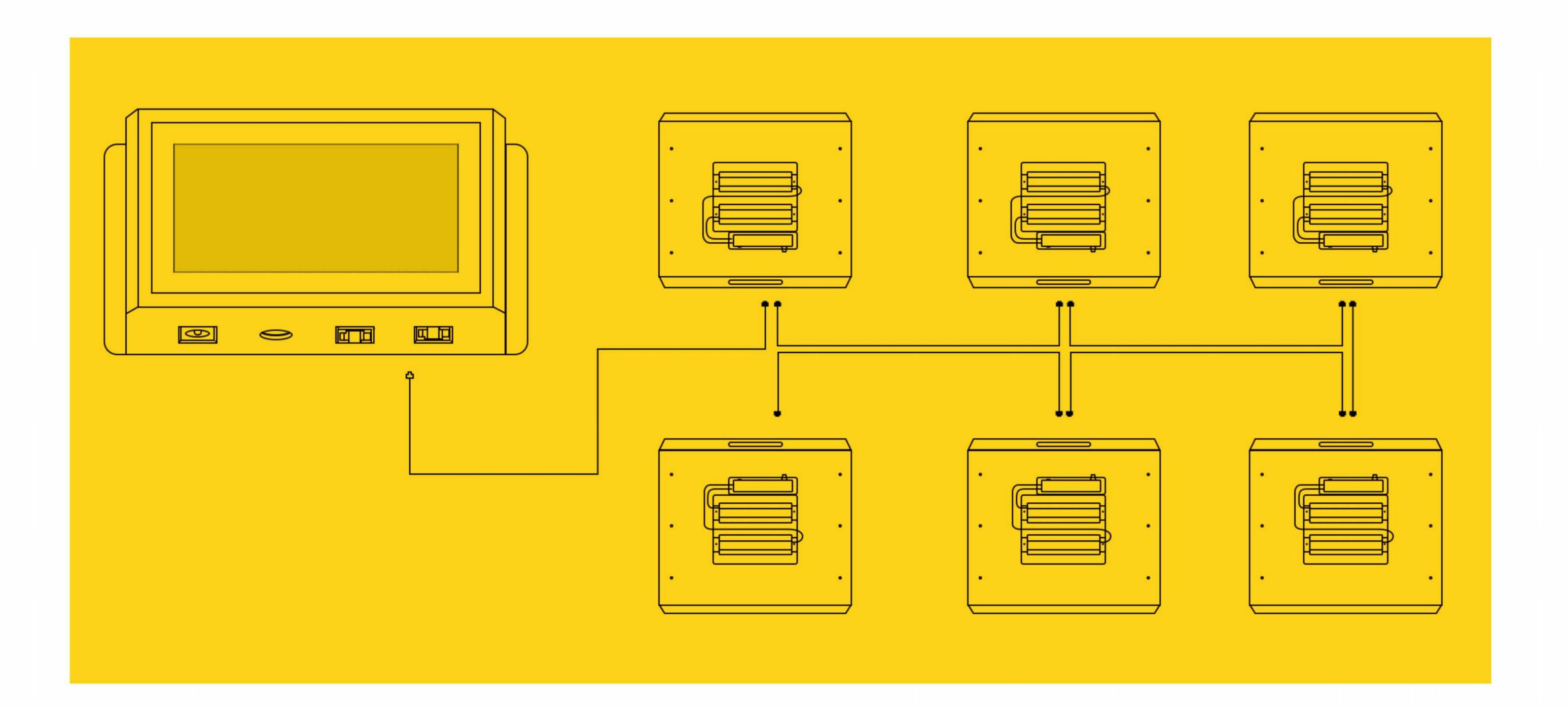


Click the slider or drag it to adjust the brightness. However, if timing function is set, the manual sliding dimming function can only be executed for 3 seconds, and manual brightness cannot be maintained. As shown in following:



Precautions

- Do not press screen with force or touch with sharp objects.
- Set the brightness range between 10-100.
- Do not heat at high temperature.
- This product is not edible.
- Do not soak this product in water.
- Keep away from Children.
- The product cannot be hit or dropped.
- This product is a precision electronic product, and isolation protection must be used during transportation.



WARRANTY

The light can be returned or replaced within 30 days after delivery, in the precondition of non-artificial damage.

90 days ALL FREE warranty. Free components, repairing and service can be provided within 3 months after delivery.

5 years of free components can be provided.

3 month -1 year: Free components, shipping fees of returning. Buyer needs pay 1 way shipping fees and repairing fees.

1 year - 5 years : Free components. Buyer needs pay 2 way shipping fees and repairing fees.

