

Shenzhen Linklite Smart Lighting Co.,Ltd

product model: KT-A03E



- simulation process of the sun rises, slow lights light up within 30 minutes, with soft, natural sounds easy.
- clear clock display screen, bring comfort to you on time..
- 4 optional wake up alarm clock, easily distinguish between weekdays and weekends.
- 17 audio source, wake up, focus, fit for sleep.
- 3 file can change color temperature, illumination, atmosphere, choose what you need to relax.
- 7 colour light, 4 dynamic light, light a week do not weigh appearance. 180 minutes can be selected when the shutdown time, the realization of lighting and audio source of super long company.
- optional 30 minutes to sleep time, close up your habit.
- fruity and full appearance design, concise and easy, realize lighting lighting biggest benefit
- power automatic memory before the current state, the lights of the last state

1. Electrical parameters::

input parameter	Lamp power	audio power	USB Output specifications	Output ripple current	White light dimmer	RGB function
DC 5V 2.0A	5W	Max 3.5W	NA	No Flicker/±3%	Yes	Yes
Wireless connection:		Wi-Fi IEEE 802.11 b/g/n 2.4GHz (2412~2462MHz)				
Support system:		Android 4.3 or iOS 7.0 or above				
Lighting standards:		FCC ID——FCC Part15B				
Wireless charging standard		NA				
Adapter input parameters		100-240VAC 50/60HZ 0.3A				
Adapter output parameter		DC5V/2A 10W				
Adapter authentication		CE、FCC、UL				

2. optical parameter








LED type	LEDmodel	LED number	Color rendering index(CRI)	Light flux/light intensity	dominant wavelength	Color temperature	color tolerance
white light	2835 0.5W	2700K: 9PCS 5700K: 9PCS	≥80	350lm±10% (@5700K)	NA	5700K→400K →2700K switchover	< 7@5700K
RGB	5050 0.2W	9PCS	NA	Red light:750mcd Greenlight:1620mcd blue light: 350mcd	Red light:620-625nm Greenlight:520-525nm blue light:465-470nm	NA	NA

3. defensive function

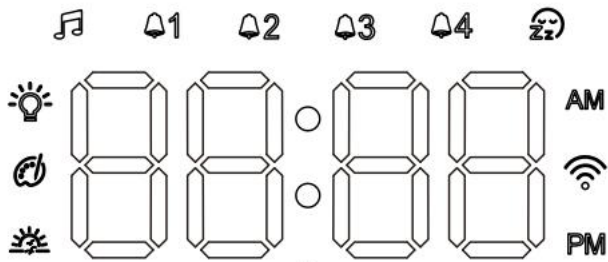
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Equipment input OVP	Equipment input UVP	Adapter output SCP	Adapter output OCP
≥6.2Vdc	NA	Hiccup mode, self-recovery	1.1-1.5 times the output current

4. Key function Description

project	Icon	Manipulation of the way	Function Definition	Remark
The brightness - key		Shortpress /long press	1. Dim the lights; 2. Time setting state adjustment time; 3. Switch between color temperature and color light	Brightness 20; Color temperature 3; Color light monochrome 7 + dynamic light 1
The key time		Short press	1. Switch to 12/24 hour system; 2. Time setting - minute state switch	
		Long press	Enter/exit time Settings	
The alarm button		Short press	1. Turn on/off all alarm clocks; 2. Alarm clock setting time and alarm clock	There is no operation when the alarm goes off. It will be closed automatically after 30 minutes of continuous ringing
		Long press	Enter/exit alarm Settings	
The light key		Short press	1. Turn on and off the lights; 2. Switch color temperature mode and RGB mode	
		Long press	Enter/exit lighting Settings	
The sleep button		Short press	Turn on/off sleep mode	
		Long press5s	Enter WIFI network configuration mode	
Brightness + key		Shortpress /long press	1. Turn up the lights; 2. Time setting state adjustment time; 3. Switch color temperature and color in light setting state	Brightness 20 gears
Snooze button		Short press	1. Pause the alarm when it goes off and ring again after 10 minutes (or other snooze time) 2. When the alarm clock does not go off, adjust the brightness of the display screen	When snoozing, only turn off the sound of the alarm clock, not the light.If the alarm goes off again and there is no operation, it will continue to ring for 30 minutes and then be closed.Display brightness 1-5
		Long press 3s	Switch machine	Power on and turn on the display, power off the lights & pause the music & Turn off the display

5. The screen shows



Category	Icon	Icon display instructions
Brightness		When the brightness is adjusted, L-XX displays the current brightness level (minimum 1, maximum 20).
Time		When the time is set, the time is flickering
12 hours system	AMPM	AM/PM is always on for 12 hours
The alarm clock		Alarm clock on, icon always on
		The icon flashes when the alarm is set or goes off
The white light		White light on, icon always on
		ICONS flash when the white color temperature is switched
RGB		RGB on, icon always on
		ICONS flash when RGB color switches
sleep		Turn on sleep mode and keep the icon on
Distribution network		In the configuration state, the icon flashes
		The icon will be extinguished if the network is configured successfully or the network is not connected after 3 minutes timeout
To sleep		ICONS flash when you snooze
Music		ICONS always light when music is playing

6. Description of Wi-Fi Wireless Functions (see test file for details)

7. Factory default parameter

1. White light color temperature: 2700K
2. RGB color: blue
3. Light intensity: 50%
4. One-click sleep: timed for 30 minutes, color temperature 2700K, sound source is Ocean
5. Snooze time: 10minutes

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FCC Statement

1.This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2.Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

(1) Reorient or relocate the receiving antenna.

(2) Increase the separation between the equipment and receiver.

(3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

(4) Consult the dealer or an experienced radio / TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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