

2026~2027



Kangtai[®]

NEW PRODUCT LAUNCH

www.kangtai.com.cn



Technical Department



Assembly workshop



Automatic Plug Component Assembly Equipment



SMT Production line

Company Profile



AOI test



Incoming inspection



ACCURATE ARRAY SPECTROMETER



RED(FCC)/Safety Lab



Temperature Rising Test



RoHS test Machine

Since 1995, Kangtai Electric Co., Ltd is well known as a technology and export orientated enterprise, and now focusing on developing, manufacturing and exporting smart home (security) systems. Till now, Kangtai has more than 200 domestic or international patents, meanwhile, the company owns authentications from BSCI, ISO9001, ISO14001 and OHSAS18001, etc. there are also municipality-level Technology Developing Center, Molding Manufacturing Center as well as ISO Laboratory.

Kangtai produces for customers all around the world, Main focus are Smart home (Security) system 433.92Hz, WiFi smart system, remote controlled socket, wireless door chime, USB charger device, voltage testers etc. Kangtai has certification with GS, CE, RED, UKCA, ETL, FCC etc.

Kangtai has approximately 200 machines, such as, "DEK" PAST Printing solder machine, "Yamaha" SMT machine, "Vitronics-soltec" reflow machine, "SAKI" Automatic Optical inspection machine, Automatic injection machine, Automatic assembly equipment, "ROHDE & SCHWARZ" frequency spectrograph, RoHS x-ray spectrograph, Auto-Temperatured LED Opto-electronic Analyzer etc.

Kangtai focus on technological innovation, and management innovation, cooperates with overseas management consulting company to do information system management and lean manufacture management, improves managerial and technical levels, enhances market competitiveness. More than 5% turnover is applied for technology research and development and technology improvement.

Member of China smart home industry alliance council
Vice-Director-General Unit of Low-voltage Electric Appliance Committee Branch of China
Committee Member of China Tools and Hardware Standard Association
Vice-President Unit of Electric Industrial Committee of Zhejiang Province
Vice-President Unit of High-tech Enterprise Committee of Wenzhou City



ISO9001:2015
ISO14001:2015
ISO45001:2018
Sedex
Original Manufacturer & Exporter



Mini Remote Control Socket

1. Load power: 2300W 10A, 230V~ 50Hz
2. Transmitter: CR2032 3V (included)
3. Frequency: 433.92MHz
4. Range: Max. 80m (open air)
5. Standby: <0.3W
6. Built-in surge protection (selectable)

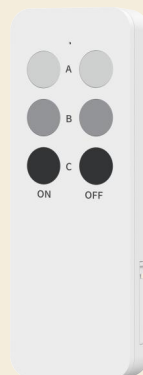
CE RED



51533DE



51533FR



50212



50213

Remote Control Socket

1. Load power: 1200W 10A, 120V~ 60Hz
2. Transmitter: CR2032 3V (included)
3. Frequency: 433.92MHz
4. Range: Max. 50m (open air)
5. Standby: <0.3W
6. Built-in surge protection (selectable)



51507USA



50210

Remote Control Socket

1. Load power: 3120W 13A, 240V~ 50Hz
2. Transmitter: CR2032 3V (included)
3. Frequency: 433.92MHz
4. Range: Max. 80m (open air)
5. Standby: <0.3W
6. Built-in surge protection (selectable)

CE



51553GB



50210

Remote Controlled Socket with USB Charging

1. Load power: (DE / FR) 3680W 16A , 230V~50Hz
(GB) 3120W 13A, 240V~ 50Hz
2. Connections: 1*USB-C , 1*USB-A
3. Output:
USB-C: 5V $\Rightarrow$ 3A; 9V $\Rightarrow$ 2.22A; 12V $\Rightarrow$ 1.67A, 20W
USB-A: 5V $\Rightarrow$ 3A; 9V $\Rightarrow$ 2A; 12V $\Rightarrow$ 1.5A, 18W
USB-A+USB-C: 5V $\Rightarrow$ 3.1A, 15.5W
4. Transmitter: CR2032 3V (included)
5. Frequency: 433.92MHz
6. Range: Max.80m (open air)
7. Standby: <0.3W
8. Built-in surge protection (selectable)



51479



51479FR



50211

CE RED

Remote Control(Sender)

1. Frequency: 433.92MHz
2. Range: Max.50m (open air)
3. Battery: CR2032 3V
4. Battery life time: approx.1 year

CE RED FC



50208

Motion Detector

1. Frequency: 433.92MHz
2. Operating temperature: -10°C to 55°C
3. Operating voltage: 1 $\times$ 3V CR2450 (incl.)
4. Standby power consumption: <40 μ A
5. Transmission power: <5dBm
6. Standby time: Up to 1 year
7. PIR detection area: 360°
8. PIR detection range: $\geq$ 7m
9. Range: Max. 50m (open air)

CE RED FC



90141

Magnetic Contact Sensor

1. Frequency: 433.92MHz
2. Operating temperature: -10°C to 55°C
3. LED indicator color: Blue
4. Operating voltage: 1 $\times$ 3V CR2032 (included)
5. Standby power consumption: <5 μ A
6. Transmission power: <5dBm
7. Dimension: 36.4*50.3*13.7mm
8. Range: Max.50m (open air)

CE RED FC



90142

KINETIC WIRELESS SWITCH

1. Install receiver between device and power supply, control lights remotely
2. Radio control to commutate or switch up to 120-240VAC, 50Hz, 10A
3. Range up to approx. 30m indoor (80m outdoor)
4. Transmission frequency 433.92MHz
5. Transmitter: Lifetime >100,000 push times
6. Transmitter: Self-powered
7. Transmitter waterproof: IP67
8. Teach-In, The transmitter and receiver are synchronized or a new code can be programmed with this button.



51050X10



51586



50222

KINETIC WIRELESS SWITCH

1. Frequency: 433.92MHz
2. Transmission Range: 30m indoor (80m outdoor)
3. Input Voltage: 120-240VAC 50-60Hz
4. Standby Power: <0.5W
5. LED Dimmer LED: 3-24W
6. Incandescent Bulb: 20-200W
7. Working Temperature: 0-35°C
8. Storage Temperature: 0-50°C
9. Transmitter: Lifetime >100,000 push times
10. Transmitter: Self-powered
11. Transmitter waterproof: IP67



51055X1



50223

KINETIC WIRELESS SWITCH

1. Install receiver between device and power supply, control lights remotely
2. Radio control to commutate ON/OFF switch up to 400W, 120-240VAC
3. Transmitter: Self-powered
4. Range up to approx. 30m indoor (80m outdoor)
5. Transmission frequency: 433.92MHz
6. Transmitter: Lifetime >100,000 push times
7. Transmitter waterproof: IP67
8. Teach-In, The transmitter and receiver are synchronized or a new code can be programmed with this button.



51055X4



50224

KINETIC WIRELESS SWITCH

1. Load power: 2300W 10A, 230V~ 50Hz
2. Transmitter: Self-powered
3. Frequency: 433.92MHz
4. Range: Max. 50m (open air)
5. Standby: <0.5W
6. Transmitter: Lifetime >100,000 push times
7. Transmitter waterproof: IP67



51230



51230FR



50224

KINETIC WIRELESS SWITCH (RF +WIFI)

1. Install receiver between device and power supply, control lights remotely
2. Radio control to commutate ON/OFF switch up to 10A, 120-240VAC
3. Range up to approx. 30m indoor (80m outdoor)
4. Transmission frequency 433.92MHz
5. Teach-In, The transmitter and receiver are synchronized or a new code can be programmed with this button.
6. WiFi smart switch, works with Alexa & Google Assistant
7. Control the lights on or off with your phone from anywhere
8. Transmitter: Lifetime >100,000 push times
9. Transmitter: Self-powered
10. Transmitter waterproof: IP67



KINETIC WIRELESS SWITCH

1. Frequency:433.92MHz
2. Transmission Range: 30m indoor (80m outdoor)
3. Input Voltage: 220-240VAC 50-60MHz
4. Standby Power: <0.5W
5. LED Dimmer LED:3-24W
6. Incandescent Bulb: 20-200W
7. Working Temperature: 0-35°C
8. Storage Temperature: 0-50°C
9. Transmitter: Lifetime >100,000 push times
10. Transmitter: Self-powered
11. Transmitter waterproof: IP67



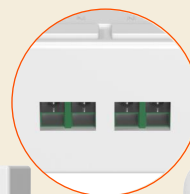
KINETIC WIRELESS SWITCH (RF +WIFI)

1. Frequency:433.92MHz
2. Transmission Range: 30m indoor (80m outdoor)
3. Input Voltage: 220-240VAC 50-60MHz
4. Standby Power:<0.6W
5. LED Dimmer LED:3-24W
6. Resistive Load: 20-200W
7. Working Temperature: 0-35°C
8. Storage Temperature: 0-50°C
9. WiFi smart switch, works with Alexa & Google Assistant
10. Adjust desired brightness with your phone from anywhere
11. Transmitter: Lifetime >100,000 push times
12. Transmitter: Self-powered
13. Transmitter waterproof: IP67



Inrush Current Limiter

1. Working voltage: 230V~ 50Hz
2. Rated current: 16A
3. Maximum power: 3680W
4. LED indicator: Red flashing light
5. Operating temperature: 0°C to 35°C
6. Use: Indoor only



51587



50230



51583



50231



51582



50232



51520

Wireless Vibration DC Doorbell

1. Working distance: Up to 300m (open outdoor area)
2. LED ring color: Blue
3. Ringtones: 15 polyphonic melodies
4. Volume: 4-level volume control
5. Operating voltage: 98696: 3 × AA 4.5V DC (not included)
90138: CR2032 3V
6. Standby time: Up to 1 year
7. Working modes: Vibration, Sound+Flash, Sound+Flash+Vibration
8. Door chime with belt clip
9. Transmitter waterproof: IP44

CE RED FC

Wireless AC Doorbell

1. Working distance: Up to 300m (open outdoor area)
2. LED ring color: Blue
3. Ringtones: 15 polyphonic melodies
4. Volume: 4 adjustable levels
5. Operating voltage: 98697EU: 110V - 240V~ 50/60Hz
90138: CR2032 3V
6. Standby power: <0.3W
7. Working modes: Flash, Sound, or Sound + Flash
8. Transmitter waterproof: IP44

CE RED FC

Wireless USB-C Rechargeable Kinetic DC Doorbell

1. Working distance: Up to 260m (open outdoor area)
2. LED ring color: Blue
3. Ringtones: 15 polyphonic melodies
4. Volume: 4-level volume control
5. Operating voltage: 98698: Built-in polymer rechargeable battery 2000 mAh 3.7V DC (included) 90139: Self-powered
6. Standby time: Max. 6 months
7. Working modes: Vibration, Sound+Flash, Sound+Flash+Vibration
8. Transmitter: Lifetime >100,000 push times
9. Transmitter waterproof: IP44

CE RED FC

Wireless Kinetic AC Doorbell

1. Working distance: Up to 260m (open outdoor area)
2. LED ring color: Blue
3. Ringtones: 15 polyphonic melodies
4. Volume: 4-level volume control
5. Operating voltage: 98699EU: 110V - 240V~ 50/60Hz
90139: Self-powered
6. Standby power: <0.3W
7. Working modes: Flash, Sound, or Sound + Flash
8. Transmitter: Lifetime >100,000 push times
9. Transmitter waterproof: IP44

CE RED FC



98696

90138



98697EU

90138



98698

90139



98699EU

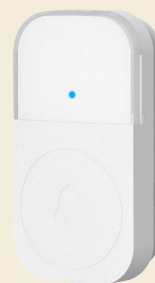
90139

Wireless Plug-through Kinetic Doorchime With USB Charging

1. Working distance: Up to 260m (open outdoor area)
2. LED ring color: Blue
3. Ringtones: 15 polyphonic melodies
4. Volume: 4 adjustable levels
5. Operating voltage: 98628EU: 110V - 240V~ 50/60Hz
90139: Self-generated power
6. Maximum rated power: 3680W
7. Standby power: <0.3W
8. USB Output:
USB-A: 5V --- 3A; 9V --- 2A; 12V --- 1.5A; 18W MAX.
USB-C: 5V --- 3A; 9V --- 2.2 A; 12V --- 1.67A; 20W MAX.
USB-A+USB-C: 5V --- 3A; 15W MAX.
9. Working modes: Flash, Sound, or Sound + Flash
10. Transmitter Waterproof rating: IP44
11. Transmitter: Lifetime >100,000 push times



98628



90139



90140

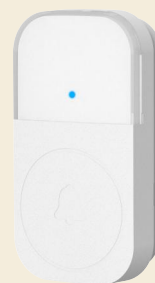


Wireless Kinetic Doorchime With USB Charging

1. Working distance: Up to 260m (open outdoor area)
2. LED ring color: Blue
3. Ringtones: 15 polyphonic melodies
4. Volume: 4 adjustable levels
5. Operating voltage: 98702EU: 110V - 240V~ 50/60Hz
90139: Self-generated power
6. Standby power: <0.3W
7. USB Output:
USB-A: 5V --- 3A; 9V --- 2A; 12V --- 1.5 A; 18W MAX.
USB-C: 5V --- 3A; 9V --- 2.2A; 12V --- 1.67A; 20W MAX.
USB-A+USB-C: 5V --- 3A; 15W MAX.
8. Working modes: Flash, Sound, or Sound + Flash
9. Transmitter Waterproof rating: IP44
10. Transmitter: Lifetime >100,000 push times



98702EU



90139

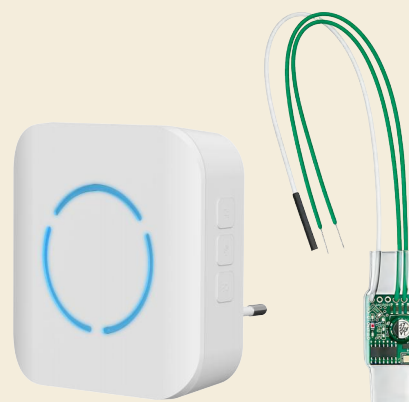


90140



Wireless Signal Transmission Set

1. 1 Wireless converter (3-24V) and 1 receiver plug
2. Wireless converter connects to mechanical gong with two wires (+/- and -/+) – no polarity needed, easy installation
3. Operating voltage: 98442EU: 110V - 240V~ 50/60Hz
4. Range up to (open air): 300m
5. Ringtones: 36
6. Volume: 4 Levels
7. With LED Flashing Signal
8. Frequency: 433.92MHz



98442EU



Extra Long Range Wireless Doorbell

1. Working distance: Up to 400m (open outdoor area)
2. LED ring color: Blue
3. Ringtones: 36
4. Volume: 4-level volume control
5. Operating voltage: 98616: 110V - 240V~ 50/60Hz
90111: CR2032 3V
6. Standby power: <0.3W
7. Operating temperature: 0°C to 35°C
8. Working modes: Flash, Sound, or Sound + Flash
9. Transmitter waterproof: IP55



98616



90111

CE RED FC

Wireless Kinetic Doorbell

1. Working distance: Up to 120m (open outdoor area)
2. Light ring color: RGB
3. Ringtones: 36 polyphonic melodies
4. Volume: 4 adjustable levels
5. Operating voltage: 98440EU: 110V - 240V~ 50/60Hz
90140: Self-powered
6. Standby power: <0.3W
7. Operating temperature: 0°C to 35°C
8. Transmitter Waterproof rating: IP44
9. Transmitter: Lifetime >100,000 push times



98440EU



90140

CE RED UK CA FC



Solar Powered Bell Push

1. Frequency: 433.92MHz
2. Indicator Light Color: Blue
3. Transmission Range: Max.200M
4. Power Source: Solar Powered
5. Fully charged battery lifespan: Max.10 months (including 5 daily triggers)
6. Lithium Battery Capacity: 200 mAh
7. Charge/discharge cycles: 300 times
8. Standby Power Consumption: < 5μA
9. Transmission Power: < 5 dBm
10. Operating Temperature: -10°C to 55°C
11. Waterproof Rating: IP44

CE RED FC

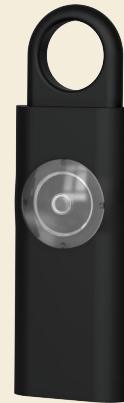


90143

Personal Safety Alarm

1. Activate the loud siren and flashing strobe light to create distraction and scare off attackers.
2. To activate, simply remove the top pin.
3. To deactivate, insert it back
4. Battery: 6V 2X CR2032
5. Noise level: Max.130dB
6. Strobe light: white, 4500K
7. Surface Treatment: Matte soft-touch coating
8. Accessory: 1XCarabiner

CE RED FCC



55092

Rechargeable Personal Safety Alarm

1. Activate the loud siren and flashing strobe light to create distraction and scare off attackers
2. To activate, simply remove the top pin.
3. To deactivate, insert it back
4. Built-in Independent Ultra-Bright Torchlight
5. Battery:1X Lithium battery, 3.7V 200mAh
6. Low-battery detection function
7. Noise level: Max. 130 dB
8. Strobe light: white, 4500K
9. Surface Treatment: Matte soft-touch coating
10. Accessory: 1XCarabiner, 1XCharging Cable (20CM)

CE RED FCC



55093

Rechargeable Personal Safety Alarm

1. Activate the loud siren and flashing strobe light to create distraction and scare off attackers
2. To activate, simply remove the top pin.
3. To deactivate, insert it back
4. Built-in Independent Ultra-Bright Torchlight
5. Battery:1X Lithium battery, 3.7V 200mAh
6. Low-battery detection function
7. Noise level: Max. 130 dB
8. Strobe light: white, 4500K
9. Surface Treatment: Matte soft-touch coating
10. Item Finder for iOS or Android
11. Accessory: 1XCarabiner, 1XCharging Cable (20CM)

CE RED FCC



55096

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