

2026~2027



www.kangtai.com.cn



Technical Department



Assembly workshop



Automatic Plug Component Assembly Equipment



SMT Production line

Company Profile



AOI test



Incoming inspection



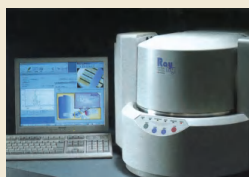
ACCURATE ARRAY SPECTROMETER



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
Original Manufacturer & Exporter



Sedex

CONTENTS

contents

WIDE RANGE OF PRODUCTS

Remote Control Socket



WiFi Series



Tester Series



USB Charger Series



Wireless Doorbell



Mini Remote Control Socket

1. Model: 51230 + 50175
Model: 51230FR + 50175
2. Load power: 2300W 10A, 230V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 50m (open air)
6. Standby: <0.5W



51230



51230FR



50175

Mini Remote Control Socket Outdoor

1. Model: 52119 + 50175
Model: 52120FR + 50175
2. Load power: 2300W 10A, 230V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 50m (open air)
6. Waterproof level: IP44
7. Standby: <0.5W



52119



52120FR



50175



Long Range



Energy Saving



Mini Design



LED Indicator



IP44

Upgraded Mini Remote Control Socket

1. Model: 51432 + 50175
Model: 51432FR + 50175
2. Load power: 2300W 10A, 230V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 80m (open air)
6. Standby: <0.3W

CE RED



51432



51432FR



50175

Upgraded Mini Remote Control Socket Outdoor

1. Model: 52167 + 50175
Model: 52168FR + 50175
2. Load power: 2300W 10A, 230V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 80m (open air)
6. Waterproof level: IP44
7. Standby: <0.3W

CE RED



52167



52168FR



50175



Long Range



Energy Saving



Mini Design



LED Indicator



IP44

Remote Control Socket

1. Model: 51107X36 + 50175
Model: 51107FRX36 + 50175
2. Load power: 3680W 16A, 230V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 50m (open air)
6. Standby: <0.5W



51107X36



51107FRX36



50175

Remote Control Socket Outdoor

1. Model: 52150X36 + 50175
Model: 52150FRX36 + 50175
2. Load power: 3680W 16A, 230V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 50m (open air)
6. Waterproof level: IP44
7. Standby: <0.5W



52150X36



52150FRX36



50175



Long Range



Energy Saving



Mini Design



LED Indicator



IP44

Remote Control Socket

1. Model: 55201 + 50075
Model: 55201FR + 50075
2. Load power: 1000W 4.35A; 2000W 8.7A;
3. 3680W 16A, 230V~ 50Hz
4. Transmitter: CR2032 3V (included)
5. Frequency: 433.92MHz
6. Range: Max. 50m (open air)
7. Standby: <0.5W

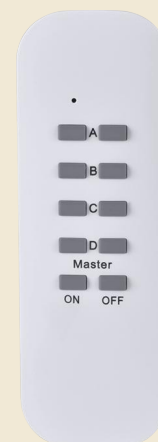
CE RED



55201



55201FR



50075

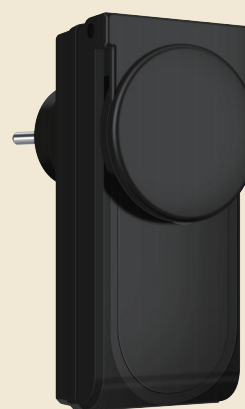
Remote Control Socket

1. Model: 55701 + 50075
Model: 55701FR + 50075
2. Load power: 1000W 4.35A; 2000W 8.7A;
3680W 16A, 230V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 50m (open air)
6. Waterproof level: IP44
7. Standby: <0.5W

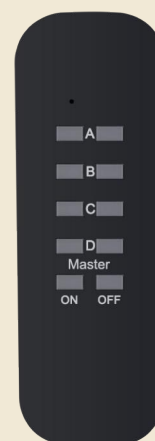
CE RED



55701



55701FR



50075

Dimmer Socket

1. Model: CM3005 / CM3005FR
2. Load power: 220-240V~ 50Hz
3. Led: 3-24W
Halogen: Max 200W
Traditional bulbs: Max 200W
4. For indoor use only
5. Standby: <1.0W

CE



CM3005



CM3005FR

TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	TYPE F	TYPE G
GERMAN	FRENCH	BRITISH	U.S.A	SWITZERLAND	EUROPE MIDDLE EAST	ITALY

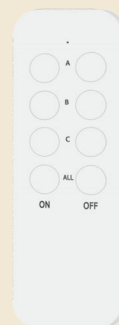
Remote Control Socket

1. Model: W51003 + 50174
2. Load power: 3120W 13A, 240V~ 50Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 50m (open air)
6. Standby: <0.5W

UK
CA



W51003



50174

Remote Control Socket

1. Model: 51267USA + 50174
2. Load power: 1200W 10A, 120V~ 60Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max. 50m (open air)
6. Standby: <0.3W



51267USA



50174

Remote Control Socket

1. Model: 55821USAX18
2. Load power: 1800W 15A, 120V~ 60Hz
3. Range: Max. 80m (open air)
4. Waterproof
5. Standby: <0.3W

Remote Control

1. Model: 50051
2. Battery: CR2032 3V



55821



50051

Remote Control Socket

1. Model: 52085
2. Load power: 1800W 15A, 120V~ 60Hz
3. Range: Max. 80m (open air)
4. Waterproof
5. Standby: <0.3W
6. Photocell Sensor

Timing Remote Control

1. Model: 50137
2. Battery: CR2032 3V
3. Countdown Timer: 2H, 4H, 6H, 8H



52085



50137



Remote Control Socket With USB Charger

1. Model: 51409USAX20 + 50176
2. Input: 100-240V~ 50/60Hz 0.8A Max.
3. Output:
USB-C: 5V $\equiv$ 3A; 9V $\equiv$ 2.22A; 12V $\equiv$ 1.67A
USB-A: 5V $\equiv$ 3A; 9V $\equiv$ 2A; 12V $\equiv$ 1.5A
USB-C+USB-A: 5V $\equiv$ 3.1A, 15.5W
4. Transmitter: CR2032 3V (included)
5. Frequency: 433.92MHz
6. Range: Max.80m (open air)
7. Standby: <0.3W



51409USAX20



50176

Remote Control Socket With USB Charger

1. Model: 51409USAX33 + 50176
2. Input: 100-240V~ 50/60Hz 0.8A Max.
3. Output:
USB-C: 5V $\equiv$ 3A; 9V $\equiv$ 3A; 12V $\equiv$ 2.5A; 15V $\equiv$ 2A; 20V $\equiv$ 1.5A
PPS: 3.3V~11V $\equiv$ 3A; 3.3V~16V $\equiv$ 2A, 33W
USB-A: 5V $\equiv$ 3A; 9V $\equiv$ 3A; 12V $\equiv$ 2.5A; 15V $\equiv$ 2A; 20V $\equiv$ 1.5A
USB-C+USB-A: 5V $\equiv$ 3.6A, 18W
4. Transmitter: CR2032 3V (included)
5. Frequency: 433.92MHz
6. Range: Max.80m (open air)
7. Standby: <0.3W



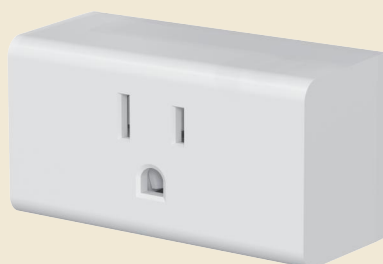
51409USAX33



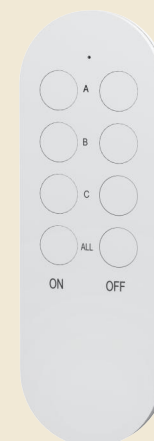
50176

Remote Control Socket

1. Model: 51148USA + 50178
2. Load power: 1800W 15A, 120V~ 60Hz
3. Transmitter: CR2032 3V (included)
4. Frequency: 433.92MHz
5. Range: Max.80m (open air)
6. Standby: <0.3W



51148



50178



Long Range



Energy Saving



Mini Design



LED Indicator



IP44

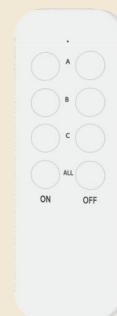
Keychain Remote Control (Sender) NO.50051

Battery: CR2032 3V
Battery life time: approx.1 year
Range: 25 meters
Frequency: 433.92MHz



Remote Control(Sender) NO.50174

Battery: CR2032 3V
Battery life time: approx.1 year
Range: 50meters
Frequency: 433.92MHz



Wall Switch (Sender) NO.50056

Battery: CR2032 3V
Battery life time: approx.1 year
Range: 25 meters
Frequency: 433.92MHz



Remote Control(Sender) NO.50182

Battery: CR2032 3V
Battery life time: approx.1 year
Range: 50meters
Frequency: 433.92MHz



Wall Switch (Sender) NO.50057

Battery: CR2032 3V
Battery life time: approx.1 year
Range: 25 meters
Frequency: 433.92MHz



Remote Control(Sender) NO.50190

Battery: CR2032 3V
Battery life time: approx.1 year
Range: 50meters
Frequency: 433.92MHz



Motion Detector (Sender) NO.50198

Battery: 2XAA
Battery life time: approx.1 year
Range: 40 meters
PIR detection range: $\geq 7m$
PIR detection area: 110°
Frequency: 433.92MHz



Up / Down Switch NO.51051

Load power: 300W, 230V~ 50Hz
Range: Max. 30m
Frequency: 433.92MHz



Magnetic Switch (Sender) NO.50068

Battery: CR2450 3V
Battery life time: approx.1 year
Range: 40 meters
Frequency: 433.92MHz



Radio Controlled Set NO.51050X10

Load power: 1000W, 230V~ 50Hz
Range: Max. 30m
Frequency: 433.92MHz



Mini Wi-Fi Socket

1. Model: 51231 / 51231FR / 52137 / 52138FR
2. Load power: 2300W 10A, 230V~ 50Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart / Matter / Voice control



51231



51231FR



52137 (IP44)



52138FR (IP44)

Wi-Fi Socket

1. Model: 51326X36 / 51326FRX36 / 52152X36 / 52152FRX36
2. Load power: 3680W 16A, 230V~ 50Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart / Matter / Voice control



51326X36



51326FRX36



52152X36 (IP44)



52152FRX36 (IP44)



2.4GHz Only



App Control



Voice Control



Group Control



Timer Function



Countdown



Family Sharing



Away Mode

Wi-Fi Socket

1. Model: 51420
2. Product size: 50 x 50 x 80.5mm
3. Load power: 3680W 16A, 230V~ 50Hz
4. Network support: IEEE802.11b/g/n
5. Tuya Smart / Matter / Voice Control

CE RED



51420

Wi-Fi Socket With Energy Meter

1. Model: 51384GBX30
2. Load power: 3120W 13A, 240V~ 50Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart / Matter / Voice control
5. Energy meter function

UK
CA



51384GBX30

Wi-Fi Socket

1. Model: W51002
2. Load power: 3120W 13A, 240V~ 50Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart / Matter / Voice control

UK
CA



W51002



2.4GHz Only



App Control



Voice Control



Group Control



Timer Function



Countdown



Family Sharing



Away Mode

Wi-Fi Socket With Energy Meter

1. Model: 51203X36 / 51203FRX36 / 52153X36 / 52153FRX36
2. Load power: 3680W 16A, 230V~ 50Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart (Matter) / Voice control
5. Energy meter function

CE RED



51203X36



51203FRX36



52153X36 (IP44)



52153FRX36 (IP44)

Wi-Fi Socket With Two -Way Energy Meter

1. Model: 52165 / 52165FR
2. Energy Meter, Measures both Power Consumption and Energy Generation of Solar Systems
3. Input: 3680W 16A, 230V~ 50Hz
4. Network support: IEEE802.11b/g/n
5. Tuya Smart / Voice control
6. Standby: <1.0W

CE RED



52165 (IP44)



52165FR (IP44)



2.4GHz Only



App Control



Voice Control



Group Control



Energy Meter



Timer Function



Countdown



Family Sharing



Away Mode

Wi-Fi Socket

1. Model: 51268USA
2. Load power: 1200W 10A, 120V~ 60Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart / Matter / Voice control



51268

Wi-Fi Switch

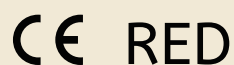
1. Model: 51250
2. Load power: 1000W 4.35A, 230V~ 50Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart / Matter / Voice control



51250

Wi-Fi Up/Down Shutter Switch

1. Model: 51251
2. Load power: 300W 1.3A, 230V~ 50Hz
3. Network support: IEEE802.11b/g/n
4. Tuya Smart / Voice control



51251

Wi-Fi Garage Door Controller

1. Model: 51252
2. Input: 120V~ 60Hz / 220-240V~ 50Hz
3. Output: 10V~ 100mA / 12V~ 100mA
4. Network support: IEEE802.11b/g/n
5. Tuya Smart / Voice control
6. Standby: <1.0W



51252