



TAIYITO TECHNOLOGY

—Smart Your Home!



***Bidirectional Communication, Wireless
Working Status Checkbale***

WWW.TAIYITO.NET



Brief Introduction

TAIYITO Technology Co., Ltd was founded in 2006. And it is constituted of some hardware and software R&D engineers who had 5 or 6 year experiences in home automation field. TAIYITO has efficient and precise organization, clear and reasonable R&D processing. Engineers of TAIYITO DESIGN CENTER can complete the product designing and manufacturing under the purpose of high-speed, high-efficiency and high-quality, whether the work is from simple module electro circuit to complicated radio frequency and coding & decoding electro circuit, or from simple single chip micros (SCM) software program to complicated huge embedded system.

It is TAIYITO engineers who firstly took Bidirectional X10 technology to China Market. It is compatible with standard X10 signal, but more stable and response quickly. Cooperated in mass production of PCB parts with Third Component Company, TAIYITO Technology Co., Ltd becomes the most professional designer and manufacturer of home automation products, and provides perfect service for the customers. It is our target that becoming the international famous intelligent product manufacturer and designer.

Enterprise Purpose: profession, honest, perfection, and customer satisfaction

Design: more advanced and thoughtful than customers

Quality: keep in pursuing zero defect products

Marketing: sharing profit and benefit

Service: provide reliable, honest and sincere service forever

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Only have one bi-directional universal remote controller, you can press the keys lightly to realize the following functions instead of getting up to change it: lamps slowly turn on, curtains auto-close gently, water heater begins to work under your control, and select lovely TV programs...

Do you feel so inconvenient if the remote controllers of the infrared electrical appliance, such as TV, Air-condition, DVD, Power Amplifier etc., are all around the table? Only one bi-directional universal controller could replace all these kinds of remote controllers. Otherwise, you can inquire about the on/off status of any lamps or electrical appliance by this bi-directional universal controller. Remote control the living, enjoying comfortable, pleased experiences and create the colorful life.

TDXE6648+ **48 Key LCD Universal** **Remote controller**



Features & Specifications:

- LCD display, 128x64 dots matrix high definition
- Multi-function controller incorporate intelligent electrical appliance control, infrared electrical appliance (like TV, DVD etc.) control and security system control
- TDXE6648+ has bidirectional receiving function, inquire about the status
- 16 keys for rooms and electrical appliances, easy to memory and use
- Set scenes, on or off all the lights, and modulate Incandescent lamp brightness.
- Have best functions such as setup encryption, anti-jamming between the systems etc.
- Display low voltage, lithium battery can repeat electrified, have long working time and save energy.
- Transmitting Frequency.....433.92MHz
- Transmitting Distance.....30 meters~50 meters indoor
- Dimension 200X55X30mm
- Battery.....3.6VDC Rechargeable Lithium

Electrical water heater becomes one of the necessary electrical appliances for every family, but we can not help ignoring the facts that the water heater have high power and consume more electricity. According to the data statistics, the water heater should restart heating up four to six times every day. It is a common thing that one set of 1000W water heater consume five degree electricity. What about one month? One year?

Maybe you do not care about this small cost and supply the power to water heater continuously. But you should think of the problems of energy waste.

Actually the hot water for only heating three and a half hours from 7 o'clock to 10:30 o'clock every night is enough for your family. And it either saves the energy or is comfortable.

Simultaneously, the same as drinking machine, opening it day and night not only consumes the energy but also do not help healthy. And it is not convenient for turning on/off always. What a wonderful thing if the water heater has the function of timing auto turn on!



TDXE6438+ Wireless Timing Transceiver



Features & Specifications:

- Bidirectional communication by power line in high speed with the feedback function
- Inquire about the on or off status of the controlled appliance, feedback and show the time (max 16 different time).
- Movable signal orientation design, easy to installation, is propitious to transmit the signal and stabilize the system.
- Incorporate central control and indirect On-off control.
- Timing control the on or off of the electrical appliance.
- Use noise suppression circuit inside to insure the signal not be jammed.
- Voltage.....220VAC \pm 10%,50Hz
- Transmitting Frequency.....433.92MHz,
- Transmitting Distance.....30 meters-50 meters indoor
- Compatible with X10 remote.....max 4pcs
- Dimension155X113X35mm

Did you have the experiences like these: turning on/off lamps many times every day, open/close the curtain at less than two times, control on/off water heater or drinking machine frequently and so on.....

Sometimes when you come down to the drawing room, suddenly remember: did I turn on the water heater of toilet? Did I turn off the electric curtain of the bedroom upstairs?

Did you always be nervous about the things such as whether had closed the lamp of the toilet in the third floor or whether can control the lamps or electrical appliance of the toilet in the third floor and display their working status when you are in the drawing room of the first floor?

Why do you change these family affairs into happy enjoyment? Timing auto turn on/off the electrical appliance or remote control, and make them to feedback the working status to you as the same time.

TDXE6400

Wall-Mount Centralized Controller



Features & Specifications:

- Two-way communication by power line in high Speed.
- Be installed in traditional 86-type switch
- Have one-circuit local control and four-circuit centralized control
- Inquire about the on or off status of the controlled appliance, feedback and show the time
- Easily and quickly set status and learn to use just within 6 second
- Use noise suppression circuit inside to insure the signal not be jammed
- Rated Voltage..... 220VAC \pm 10%, 50Hz
- Load, one local circuit output..... 300w
- Static Power..... <0.5W
- Ambient Temperatures..... -10~50 $^{\circ}$ C
- Response Time for bidirectional signals..... \leq 2s

In hot summer, you might hope to feel cool as you get home. What a wonderful thing it is that turn on the air-condition 30 minutes before getting home!

On work times, suddenly remember that you forgot to turn off the lamps or electrical appliance. It will be so happy that you can control your home electrical appliance in you office.

In winter, if the floor panel heating can be heated 2 hours before you get home. It can not only save money and energy, but also protect the environment.

Telephone long-distance controller can solve all these problems easily. Even of you are far away from home, the telephone or mobile in your hand will control your home electrical appliance.

TDXE6626

Long-distance Telephone Controller



Features & Specifications:

- Bidirectional communication by power line in high speed
- Inquire about the on or off status of the controlled electrical appliance, feedback and show the work status.
- Easily and quickly set status and finish learning within 6 seconds.
- Use noise suppression circuit inside to insure the signal not be jammed.
- The customer just presses No.1~9 to control 9 lamps or appliances in home.
- Rated Voltage & Frequency..... 220VAC±10%, 50Hz
- Static Power <1W
- Ambient Temperatures..... -10~50℃
- Response Time for bidirectional signals..... ≤ 2s

Every day you need open and close the curtain not less than two times. Could you change this fussy thing into easy enjoyment?

Timing automatically open or close the curtain for you, or easy to finish it by remote controller, or along with the beautiful scene, lamps slowly turn on, curtains close gently, television turns on and water heater begin to work.....

TDX4466 **Electric Curtain Mainframe**

TDXE4466 **Curtain Switch Module**



TDX4467 **Electric Curtain Track**

Features & Specifications :

- Used AC Synchronous motor; high-power, constant rotation rate; strong load
- Facile controlling, realize single control, group control and sub-master control
- Special track, transmission by aluminum plastic belt, invariability. super strong load, length can reach 12 meters
- Bidirectional communication by power line in high speed with the feedback function
- Join with the back of traditional 86-type Jack or 86-type switch, ultra-slim design
- Easily and quickly set status and learn to use just within 6 second: Use noise suppression circuit inside
- Voltage & Frequency.....220VAC 50Hz
- Electrical Current.....0.2A
- Electromotor Power.....≤45W
- Max. Load.....45KG
- Motor Speed.....88, 6rpm
- Operating Temperature.....10°C-50°C
- Static State.....<0.5W
- Weight of motor.....1.45KG
- Dimension.....235mmx50mmx60mm(motor)
-48mmx46mmx23mm (module)
-26mmx32mm (Section of track)

TDXE4202 Appliance Module (Max 2200W)
 TDXE4401 Incandescence Lamp Micro Module
 TDXE4403 Fluorescent Lamp/Appliance Module
 TDXE4404 2-Way Fluorescent Lamp/Appliance Module
 TDXE4602 2-Way Scene Module(Used with max 4-Button switch panel)
 TDXE4466 Curtain Controlling Module


TDXE4202

TDXE4401

TDXE4602


Product Description		Micro Lamp/Appliance Module				Curtain Module	Scene Module
Model No.		TDXE4002	TDXE4401	TDXE4403	TDXE4404	TDXE4466	TDXE4602
Commands	All On		Yes	Yes	Yes	Yes	Yes
	All Off	Yes	Yes	Yes	Yes	Yes	Yes
	Dimmer		Yes				
Specs	Voltage & Frequency	220VAC±10% , 50Hz					
	Maximum Load	2200W	300W	300W	600W	45W	
	Controllable Device	Appliance	Incandescence	Fluorescent & Appliance		Curtain	X10 module
	Neutral Wire	Yes	Suggestion: Yes			Yes	Yes
	Operating Temp	-10~50℃					
	Static Power	< 0.5W					
	Dimension(W*H*D)	46X46X23mm					
	Response Time	≤ 2s					

Features:

- Bidirectional communication by power line in high speed with the feedback function
- Join with any type of switches, and plug-in panel.
- Ultra-slim design. Dimension: 46X46X23mm
- Easy use and quick setup. Can finish learning within 6 seconds.
- Use noise filter circuit inside
- Commands ALL ON/OFF for lamps.
- Command ALL OFF for electronic appliances

Features:

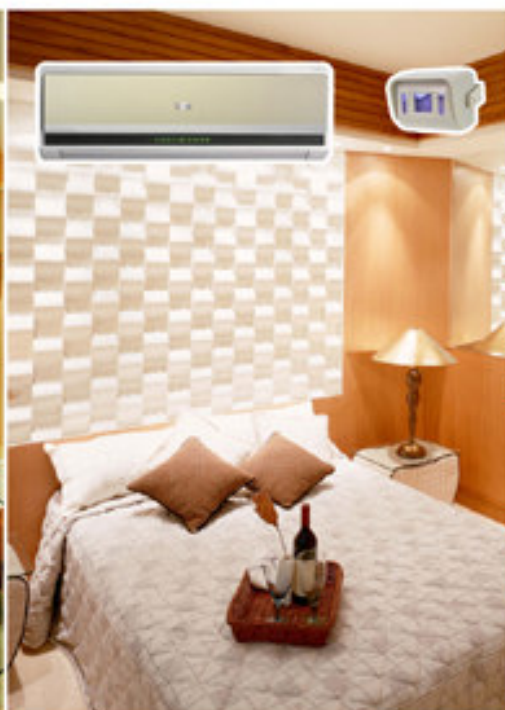
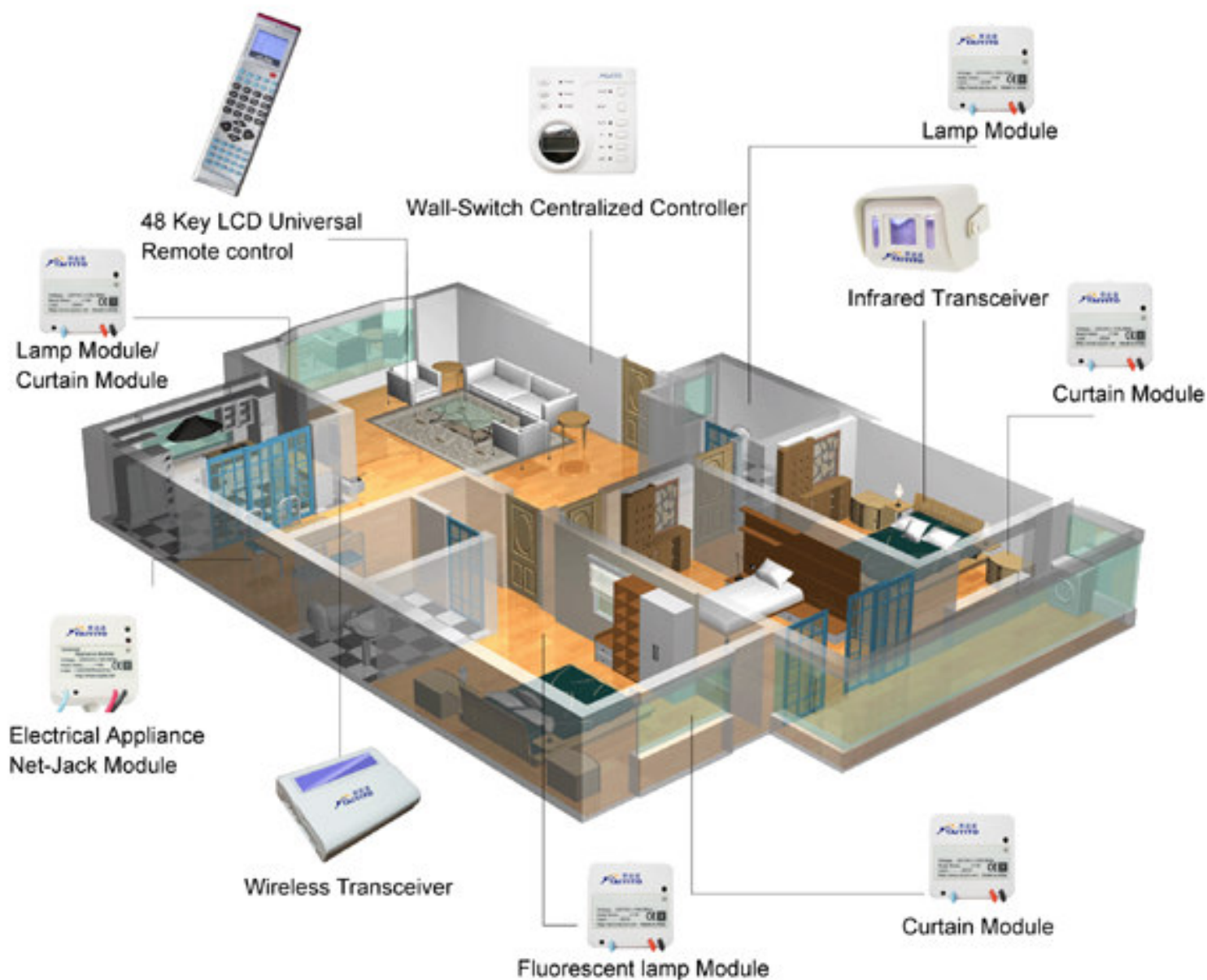
- Installed 7-8 meters in front of the controlled electrical appliance like air condition, DVD etc.
- Easily and quickly set status and finish learning just within six seconds.
- Use noise suppression circuit inside
- Easy to install, adjustable 120° transmitting angle

TDXE6436 **Infrared Transceiver**



Technical Specifications:

- Rated Voltage... 220VAC±10%, 50Hz
- Static Power..... ≤0.5W
- Controlled distance..... ≤8m
- Upright Elevation..... ±60°
- Control Addresses.....max 16





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