

# ST2545

## 315MHz Wireless Remote Electrical Control

Double Outlets remote control for indoor and outdoor lighting

### Installation and operation manual

#### Introduction

Thank you for purchasing this SynerTech product.

This surveillance set is an easy-to-use and DIY installed Wireless Door Chime.

To obtain the best performance from this product, please read through this manual carefully. It will guide you to operate a full set of 315MHz Wireless Remote Electrical Control

#### Feature:

- With 30 meter Operation range in open field
- 1 Unit of 12VDC 23A battery for hand held remote control
- Extended a 30 cm length of US plug with earth Power Cord
- With double US socket outlets with earth
- Separate control for each outlet
- Comply with ETL and FCC

#### Operation Guide

##### Hand Held Remote Control

- For battery replacement and installation on wall, back cover has to be removed.
- For the battery replacement, check the polarity of 12V 23A battery and insert into correct connection plate.
- There are **Seven** button for control and LED for indication.
- **CONCAVE** shape button for OFF function.
- **CONVEX** shape button for ON function.
- First Roll Control for Outlet A ON/OFF
- Second Roll Control for Outlet B ON/OFF
- Third Roll Control for Both Outlet A and B OFF all together
- When either button pressed, LED is flash as indication of wireless transmission.

##### Receiver Unit

- Plug the extended power cord plug into desired wall socket.
- Then it is ready to receive the control signal from Hand Held Remote Control.
- Press "ON" button on Hand Held Remote Control, there is electricity in socket outlet.
- Press "OFF" button on Hand Held Remote Control, the electricity in socket outlet is OFF.
- For temporary mounting on wall, there is a hanger hole on the back of unit.

- The MAX. operation range is about 30 meter (line of sight)

## Operation Precautions :

- Circuit for a substantially resistive load with a power factor not less than 0.95.
- Disconnect from supply before removing
- DO NOT drop or shake the unit or subject the unit to shock.
- DO NOT clean the unit with benzene, thinners, or any solvents. Wipe off dust and marks with a soft cloth which is slightly moistened in mild soapy water.

## Installation Precautions :

Before installing this product, please bear in mind of the following:

- DO NOT position the units where they will be subjected to extreme moisture, temperature, rust or dust.
- DO NOT install the Receiver Unit to where it will be exposed to direct sunlight, rain or extreme moisture. A closed-in porch or sheltered area is an ideal location.
- DO NOT attempt to install Receiver Unit to where it will be flood / Snow.
- DO NOT install near to other electronic equipment.
- DO NOT overload the socket outlet.
- DO NOT install near the source of acid oxides, ammonia, or any harmful gas.
- Keep away from children access.

## Warning :

-To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.

-Under the environment with radio frequency interference, the sample may malfunction and require user to reset the sample.

## Technical Data :

Method of attachment for non-detachable cords:	non-detachable cords
Degree of Protection:	IP20
Control Pollution Degree:	Degree II
Rated Impulse Voltage:	Uimp 2.5kV
ETL Control code:	4001081
FCC ID:	TYN-ST-2545
<u>Hand Held Remote Control</u> Battery : 12VDC 23A Standby current : 1 mA	<p><b>Receiver Unit</b>            Voltage: AC120V~ 60Hz            Standby current : 1 mA  <b>Rating Output:</b>            Double US socket outlets with Max.10A (total)</p> <p>DO NOT install the Receiver Unit to where it will be exposed to direct sunlight, rain or extreme moisture. A closed-in porch or sheltered area is an ideal location.            DO NOT attempt to install Receiver Unit to where it will be flood / Snow.</p>
For use in ambient temperature from -10°C to 35°C	

### **FCC warning statement**

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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

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

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