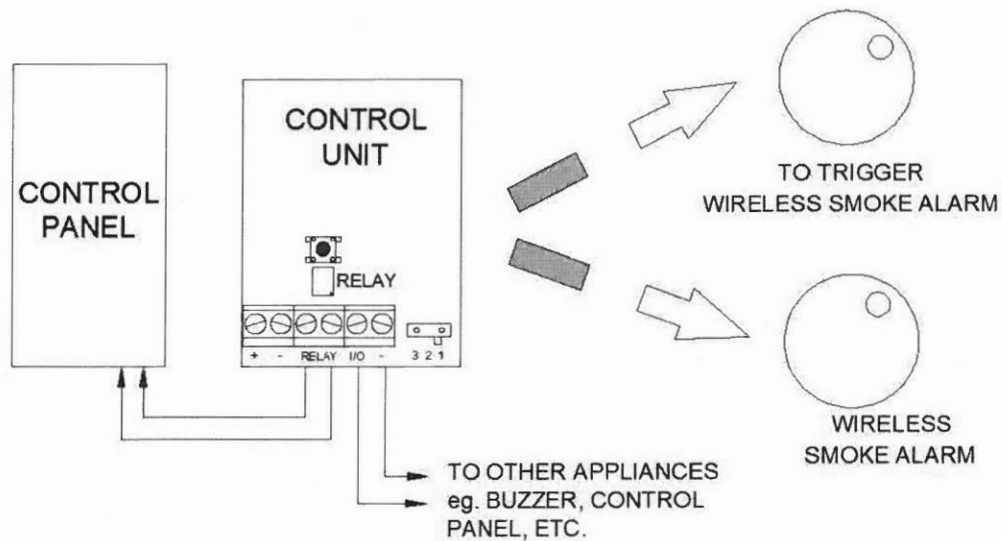


CONTROL UNIT AS A TRANSMITTER

Evacuation /Siren System

Control Unit System Code	Wireless Smoke Alarm System Code	Results Wireless Smoke Alarm
1 ~ F	Same Channel	LED: Flashes immediate alarm
0	All CHANNEL	LED: Flashes, immediate alarm
1 ~ F	0	LED: Flashes, immediate alarm

Remark: The control unit and wireless smoke alarm MUST be set at the same area code.



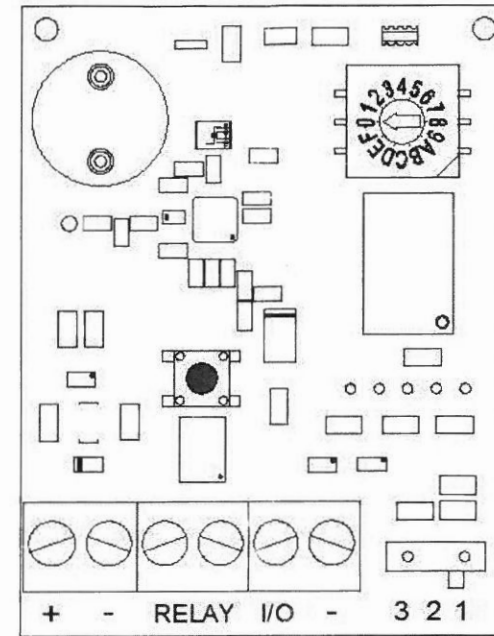
WARRANTY

The control unit is warranted to be free from defects in material and workmanship for one year from the date of purchases. This only applies if the control unit is correctly installed and used in the normal way and maintenance carried out regularly, Warranty void if abuse, or modified or attempted repairs is apparent.

The manufacturer will not guarantee on performance of the control unit /smoke alarm system for the following circumstances:

- 1) Installed network beyond specified receiving range.
- 2) Improper installation and setup.
- 3) Unexpected interference from other radio transmitting devices in the area.
- 4) Installed by unqualified personnel.

MANUAL 12V CONTROL UNIT FOR WIRELESS SMOKE ALARM



The control unit almost covers all kind of existing control panel and similar application such as emergency dialer, sirens, emergency lighting, call points, fire and / or police station, air exhausting system, emergency door locker released system etc. It can put together on attached or install just next to the panel with wiring. When the control unit receives the signal from our wireless system or control panel, it can transfer the signal to other alarms and/or application.

Relay contact rating: Maximum 100mA 350V
 Relay maximum power consumption: 150mW
 Frequency Range: 868.65 MHz
 Approval: R&TTE

Regular check the range and function, please note that the radio condition and interference can change over time, no guarantee given to a specific transmission range.

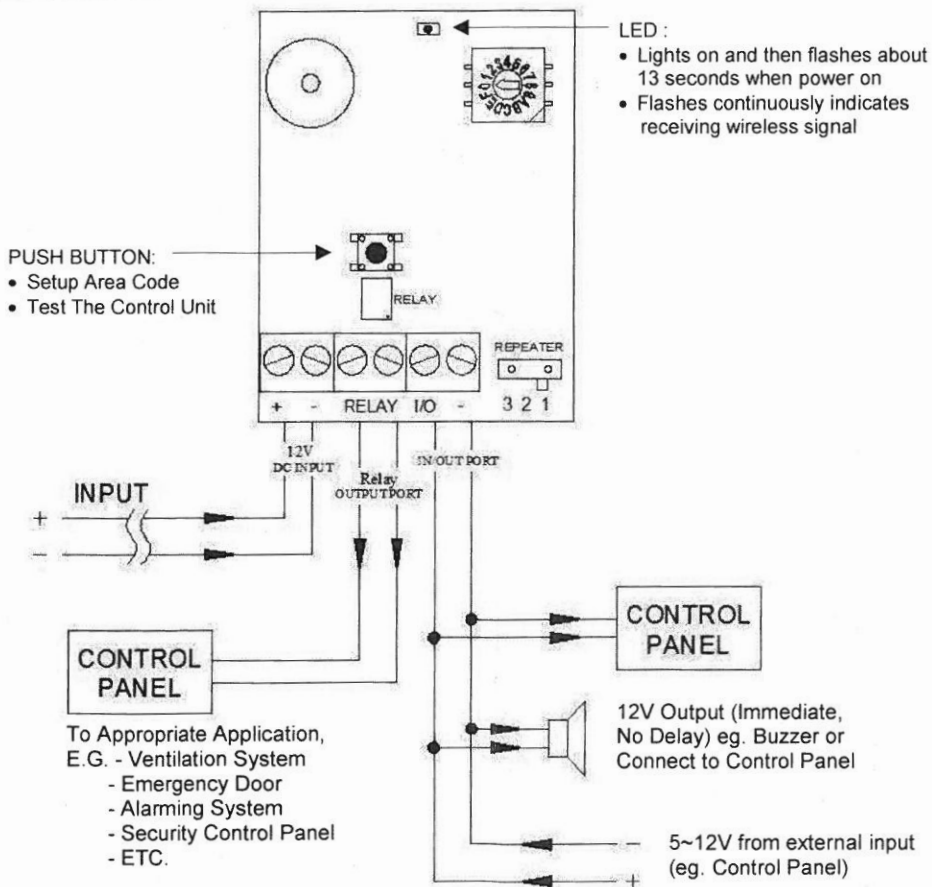
INTRODUCTION

This control unit can provide signal to link with common residential or industrial fire alarm control panel. It can easily communicate with PR2-1211 wireless photo smoke alarm, PHR2-1211 wireless combination photo smoke & heat alarm and wireless heat alarm (HR2-1231).

Warning: test after installation by authorized & qualified technical personnel to ensure proper installation and setup.

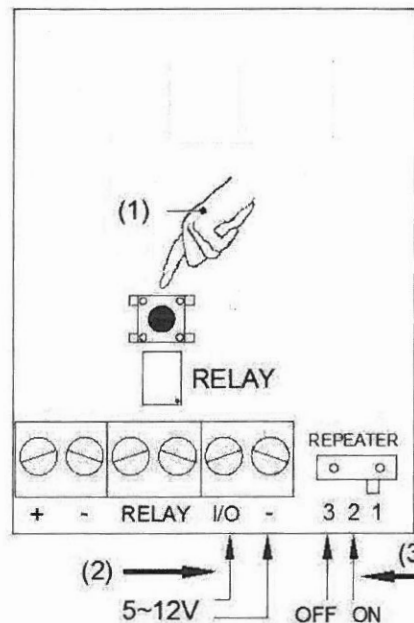
For the sake of customer safety protection, weekly test is required and recommended, as per the instruction manual.

INSTALLATION



TESTING OF TERMINAL & TRANSMISSION FUNCTION

Properly Install Control Unit Before Testing



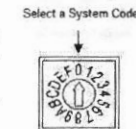
1) Area Code setup:

Select a Code between 0 to F by adjusting the rotary switch on the control unit before connected with power.

a) To set area code, press and hold the test button first, and then connect power to unit, and further hold the test button for at least 15 seconds until short 8 beeps occur. Then release the test button. The Area Code is set.

b) Once the Area Code is set, the System Code can be set and changed by adjusting the rotary switch at any time.

"0" Code has special "priority" functions. If the alarm has code "0" this unit will receive signal from other alarming units regardless of code



Test the unit:

Press and hold "push-button" until the LED lights on after it has flashed 3 times, then release the button. The wireless signal will continue to transmit for at least 13 seconds.

2) For any channel, if connect a 5~12V across IN/OUT (+) & GND (-) port at the terminal block, the wireless signal will be transmitted as long as power input is applied and LED flashes.

3) The repeater switch is located adjacent to terminal block. The combination with this could extend transmission ranges. The usage of slide switch positions as below.

1. Slide Right – no function.
2. Slide Middle – repeater ON.
3. Slide Left – repeater OFF.

For testing control as receiver, refer to the following table to see if it is according to your application requirement

CONTROL UNIT AS A RECEIVER

Smoke Alarm System

Wireless Smoke Alarm System Code	Control Unit System Code	Control Unit Results		
		LED	RELAY	I/O Port
1 ~ F	Same System Code	Flash	Immediate	Immediate
0	All System Codes	Flash	Immediate	Immediate
1 ~ F	0	Flash	Immediate	Immediate

Remark: The control unit and wireless smoke alarm MUST be set at the same area code.

