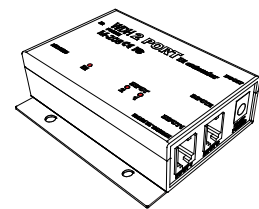# Wide Band Infrared Repeater Extender
M-208

Construction facilitates the infrared repeater

Often because of the aesthetic factors of interior decoration, audio devices scattered in the living room or a dedicated cabinet, due to infrared and can not penetrate the shelter, resulting in infrared remote control can not remote control equipment, causing the user problems

In the past, will remove the machine to the internal infrared receiver directly outside the extension to the machine, not only cumbersome and expensive to modify the audio equipment there is a considerable risk

M-208 can easily solve the above problems, the advantage of not having to modify the machine, M-208 accessories quite complete, only a few minutes can easily set up the ideal control needs

With the SR-626 high sensitivity and wide band frequency infrared receiver module, no longer limited by the previous single carrier limit. Mirror surface treatment, hidden strong magnetic planning, can be arbitrarily adsorbed in the iron cabinets or other equipment.Small size will not undermine the existing interior, M-208 is your only choice

Wide Band Infrared Repeater Extender
M-208

Multi-point infrared receiver to receive the design, while connecting two high-sensitivity receiver modules, different locations in the indoor control more convenient. Up to 8 devices can be controlled simultaneously (with IR-SH2252 and SR-626 receiver and extension kit)

When to use

- Machinery and equipment placed in a closed audio cabinet
- The distance between the machine and equipment control the scene far away occasions (RJ11 control line can be extended about 100 meters)
- Connect secondary machines, making them a control group
- In the bedroom you want to control a music signal source in the living room cabinet
- Two independent spaces control a group of machines in another space

Note -- !

IR Emitter Module must completely cover the segment, to prevent the launch of the infrared Repeater so that the signal received again, will result in feedback phenomenon,
Cause the IR signal to interfere with each other, be sure to use the infrared mask, the IR Emitter (IR-SH2251 or 2252) and the device completely obscured
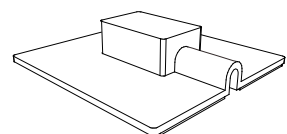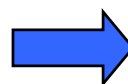
SP-3232

Silicone infrared mask
With two-sided tape

Wide Band Infrared Repeater Extender
M-208

Specifications ━━━ --

AC110/220V 50/60Hz Compatible (Power supply)
Current consumption <0.5mA
Carrier range 20 ~ 60Khz
Arrival Distance 7 ~ 10m
Infrared receiver SR-626 uses two-wire PLC transmission
Receiver / Transmitter RJ11 extension cable length up to 100m
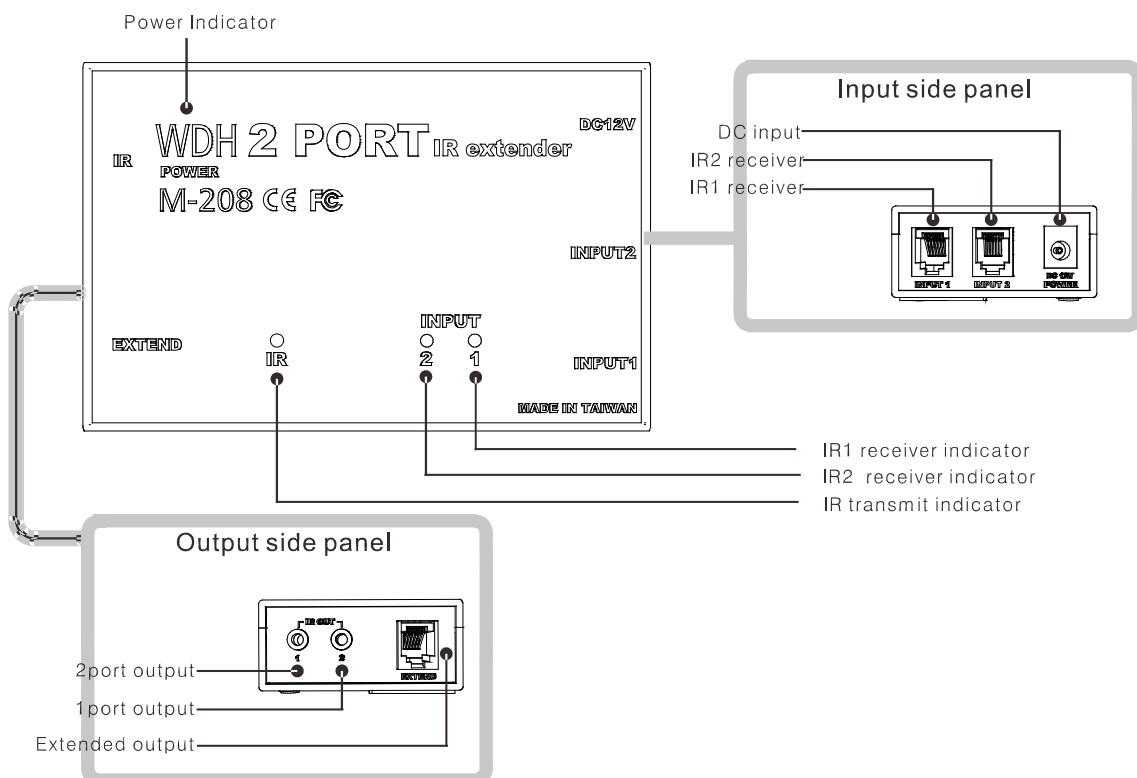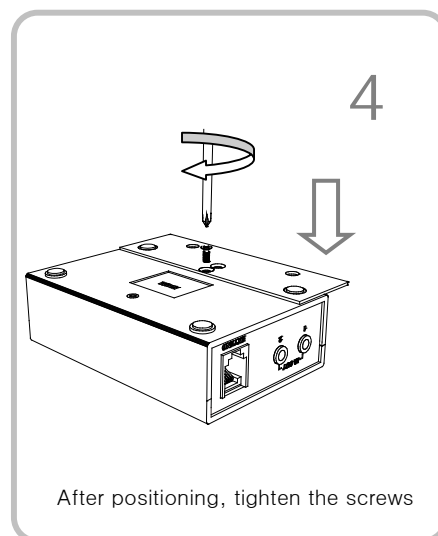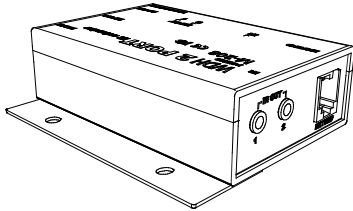Safety regulations: CE / FCC
Each M-208 can output up to 8 infrared (2 standard / optional)

Dimension ━━━ --

M-208 : 58.8 * 95.2 * 30.6 mm
SR-626 : Φ40 * H20 mm (Line length 2.5m)

Hardware ━━━ --

http://www.wdh.com.tw

Wide Band Infrared Repeater Extender
M-208

Fixed ━━ --

M-208 bottom
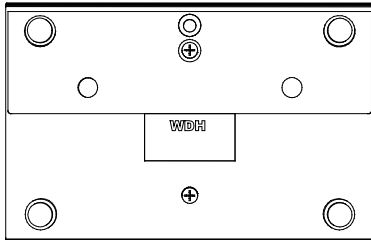
> Additional body fixed iron plate, the screw to reverse the fixed iron, the M-208 body can be fixed

1

Turn left to loosen the screw

2

Remove the fixed iron plate

3

Reverse 180 degrees

4

After positioning, tighten the screws

http://www.wdh.com.tw
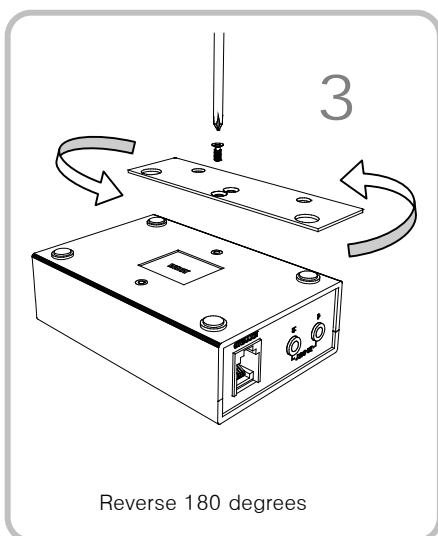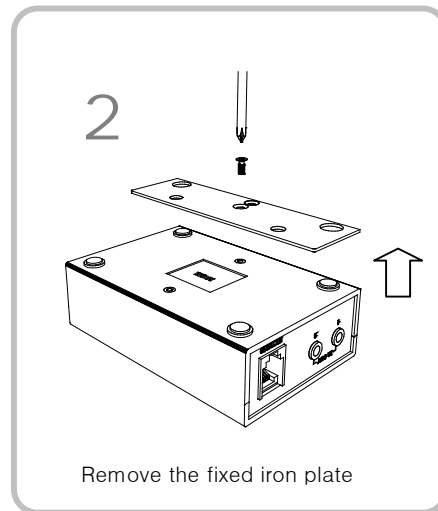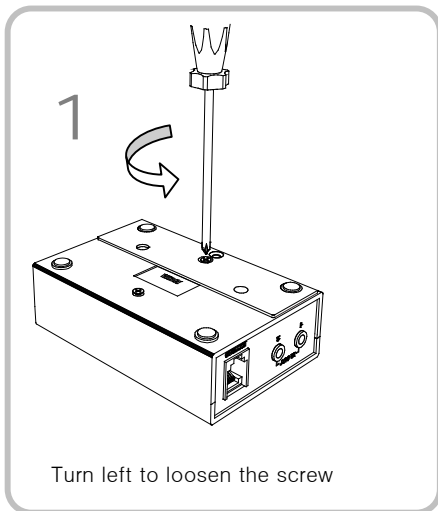
Wide Band Infrared Repeater Extender
M-208

Combination completed
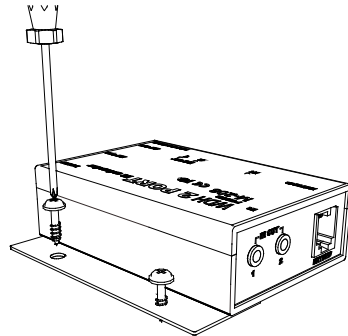
Fix the M-208

Installation ━━━ --- ⓘ

ADP-606 & RJ11 cable

ADP-606 ADAPTER

↻ turn   ⇨ RJ11 jack

3.5 headphone jack
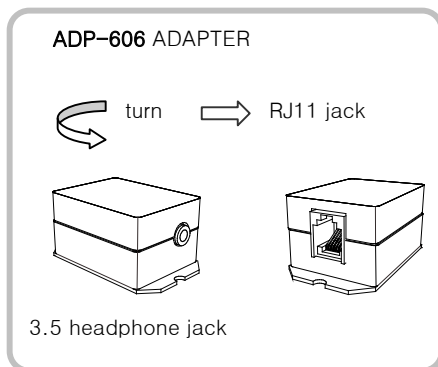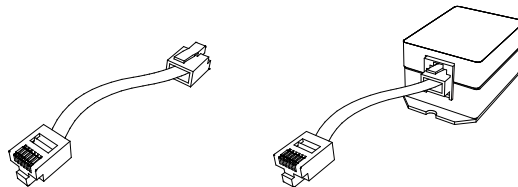
RJ11 cable sample

This RJ11 cable is only used for accessory sample
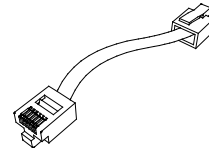
The user can be based on the actual needs of the length, with four-core or six-core standard cable can be produced
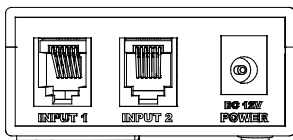
Wide Band Infrared Repeater Extender
M-208
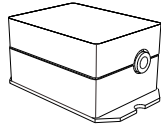
ADP-606

transfer box

+
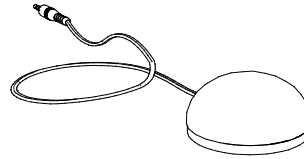
SR-626

Infrared receiver

=
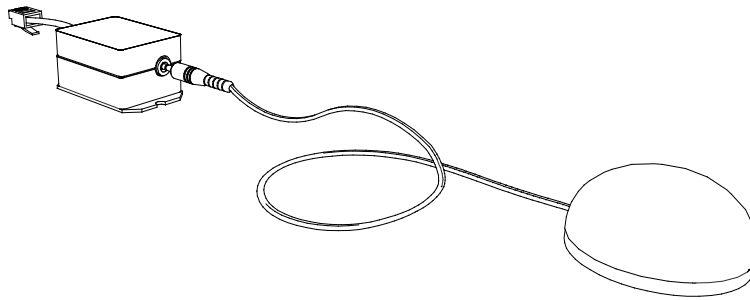
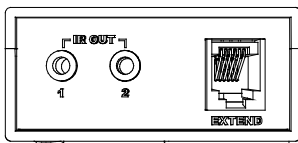**M-208** Power side panel
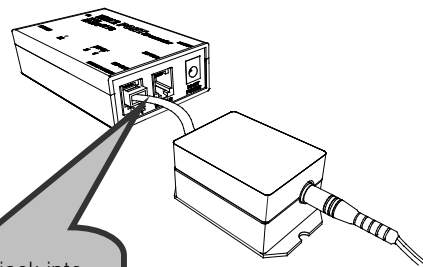
Insert the RJ11 jack into

the M-208 main body

INPUT 1

http://www.wdh.com.tw
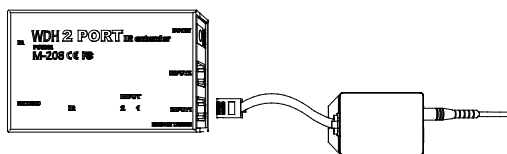
Wide Band Infrared Repeater Extender
M-208

AC 110-220 50-60 Hz

AC TO DC ADAPTER

ADAPTER
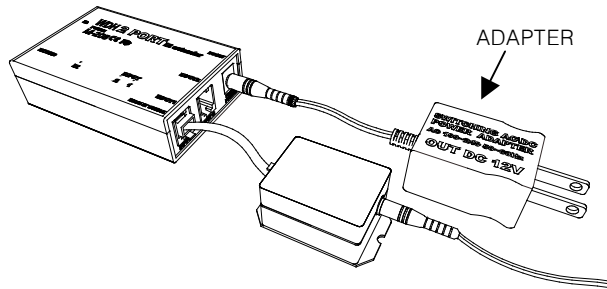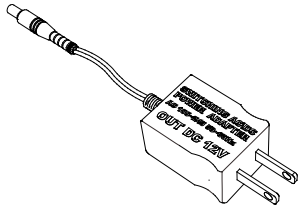
M-208 Infrared side panel

IR-SH2251 Single IR Emitter
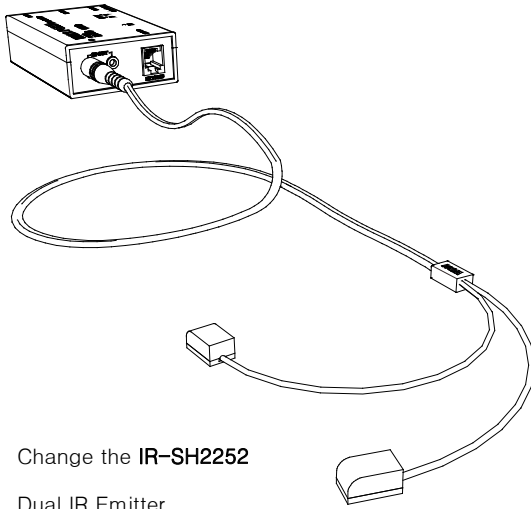
Plug the IR-SH2251 into the

3.5 stereo headphone jack

3.5 stereo headphone jack can be
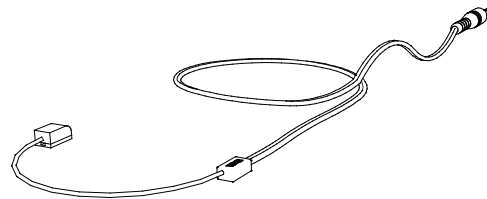
inserted two SH2251 or SH2252 IR
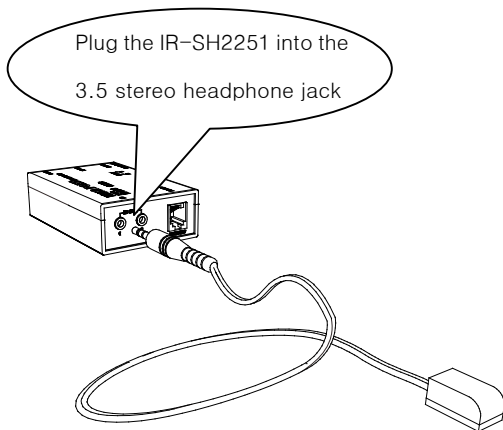
Emitter

Use the IR-SH2251 Single IR Emitter

http://www.wdh.com.tw
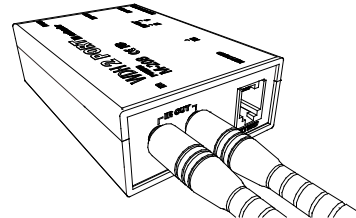
Wide Band Infrared Repeater Extender
M-208

Change the **IR-SH2252**

Dual IR Emitter

Standard:

IR-SH2251 Single IR Emitter * 2

can be attached Optional

IR-SH2252 Dual IR Emitter

(pictured) can control up to 8

groups of infrared devices

The M-208 has complete

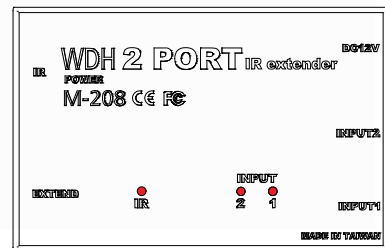accessory options.Please refer

to the information

Wiring for RJ11

纜線延伸接線圖
RJ11 cable direction

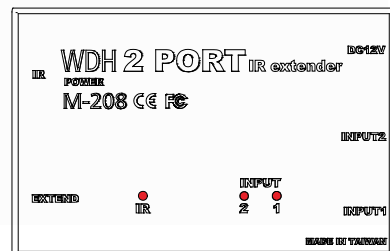The typical RJ-11 connector has six terminals.
Six pins are used.

```
WDH 2 PORT IR extender
M-208 CE FC
```

1
6
6
1
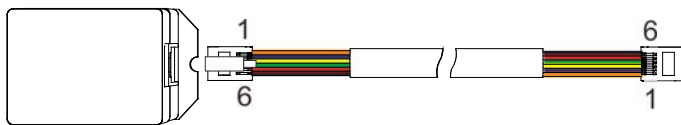
ADP-606
Wiring transfer box

Be careful of the direction of the "hook clip"

The typical RJ-11 connector has six terminals.
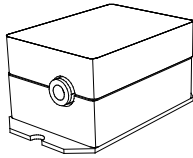Only the middle four pins are used.

```
WDH 2 PORT IR extender
M-208 CE FC
```

1
6
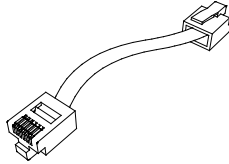6
1

ADP-606
Wiring transfer box

http://www.wdh.com.tw
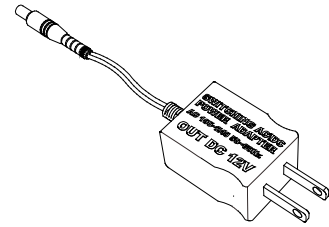
Wide Band Infrared Repeater Extender
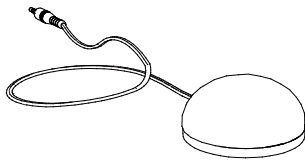# M-208

Accessories

ADP-606 3.5 headphone jack
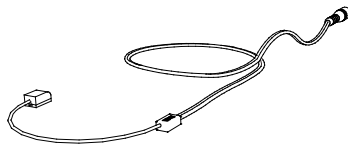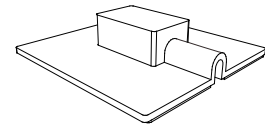to RJ11 transfer box **＊1**

RJ11 cable (sample) **＊1**

AC 100~240V 50-60Hz to
DC 0.5A adapter **＊1**

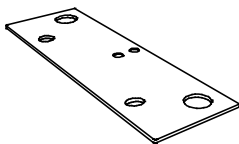**SR-626** Infrared receiver **＊1**

IR-SH2251 Single IR Emitter **＊2**

SP-3232 i n f r a r e d m a s k
w i t h two-sided tape **＊2**

Removable fixed iron **＊1**
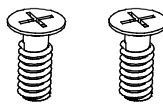
Fixing screws **＊2**
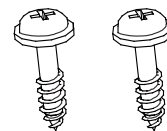
M-208 fixing screws **＊2**
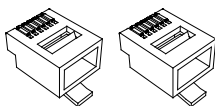
RJ11 Modular Plug **＊2**

http://www.wdh.com.tw
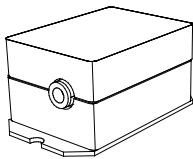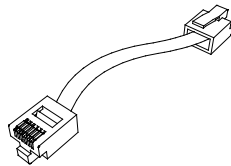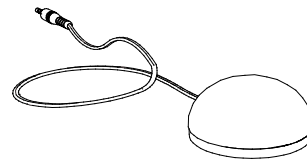
Wide Band Infrared Repeater Extender
M-208

Optional

Additional IR receiver package
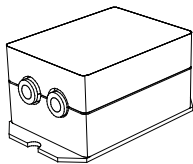
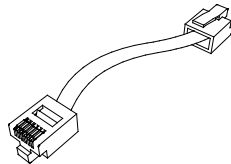ADP-606 3.5 headphone jack to RJ11 transfer box * 1

RJ11 cable (sample) * 1

SR-626 Infrared receiver * 1

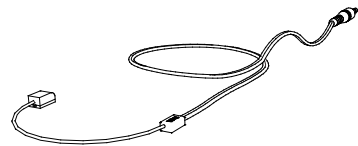- IR receiver RJ11 cable can be extended about **100** meters
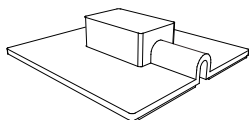
Additional the IR emitter package

ADP-606 dual 3.5 headphone jack to RJ11 transfer box * 1

RJ11 cable (sample) *1

IR-SH2251 Single IR Emitter * 2

SP-3232 infrared mask with two-sided tape * 2

- IR emitter RJ11 cable can be extended about **10** meters
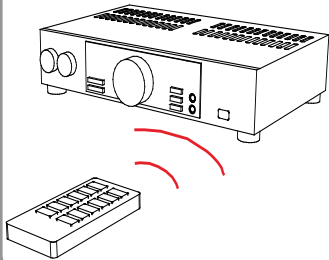
http://www.wdh.com.tw

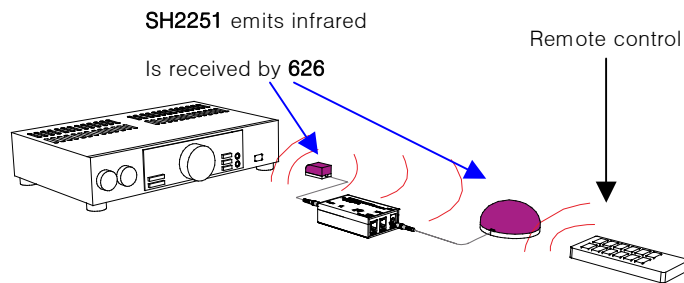# Wide Band Infrared Repeater Extender
M-208

Installation note

Feedback issues

General operations

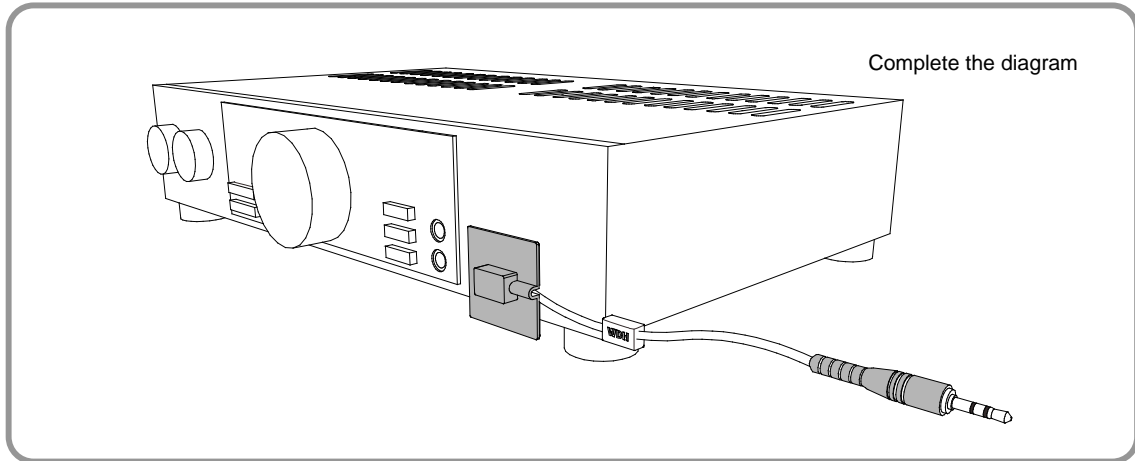#### Transponder configuration errors may result in feedback

SH2251 emits infrared

Is received by **626**

Remote control

Eliminate feedback solutions

Use infrared mask completely eliminate infrared interference

SH2251

Wide Band Infrared Repeater Extender
M-208

Complete the diagram

M-208 wiring

WDH 2 PORT IR extender
M-208

Recommended wiring

length <10 m

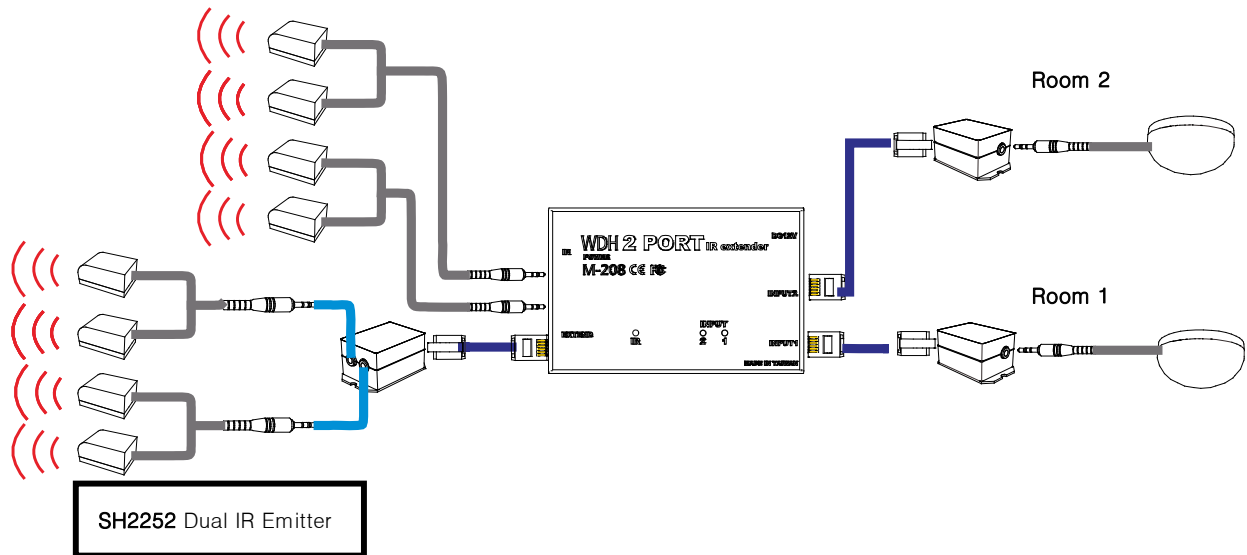Can be extended to 100m

Optional

Optional

M-208 Wiring diagram
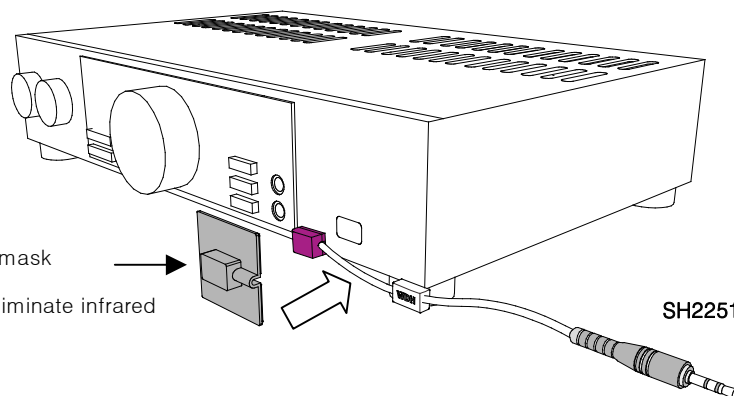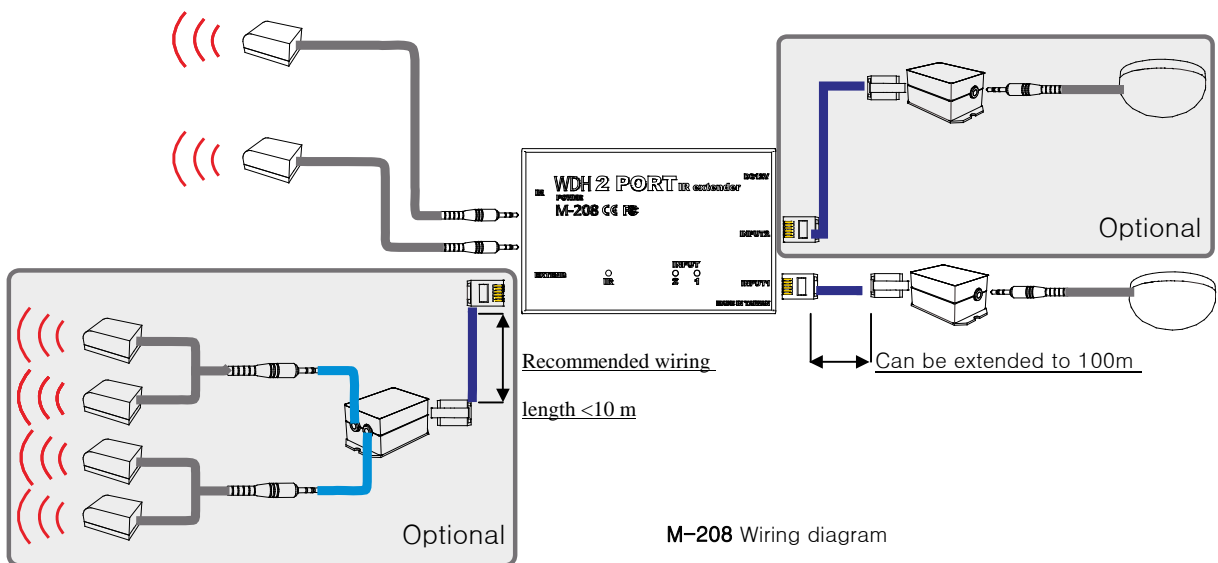
Wide Band Infrared Repeater Extender
M-208

M-208 can be connected to two receiving modules

Control up to 8 groups of infrared devices

Room 2

Room 1

WDH 2 PORT IR extender

M-208 CE FC

SH2252 Dual IR Emitter

Content and function of the products should be mainly in real goods, the Company retains the right to modify, specifications are subject to change without notice.

http://www.wdh.com.tw