Remote Master

IR Repeater System

Thank you for purchasing the Skandia IR repeater system which is ideal for controlling up to 8 units of IR-controlled A/V devices behind closed doors or closets using your existing IR remote controls.

EACH SYSTEM CONTENTS:

(1) RPT-104-1
   IR CONNECTING BOX 1PC

(2) IRC-3099B06
   IR receiver cable with 3-conductor ribbon cable 1PC

(3) IEC-3501B
   SINGLE   IR emitter 1PC

(4) IEC-3502B
   DUAL   IR emitter 1PC

(5)PWS-1205
   12V/500mA DC ADAPTOR regulated..............................1PC

① **RPT-104-1**   ② **IRC-3099B06**   ③ **IEC-3501B**   ④ **IEC-3502B**   ⑤ **PWS-1205**
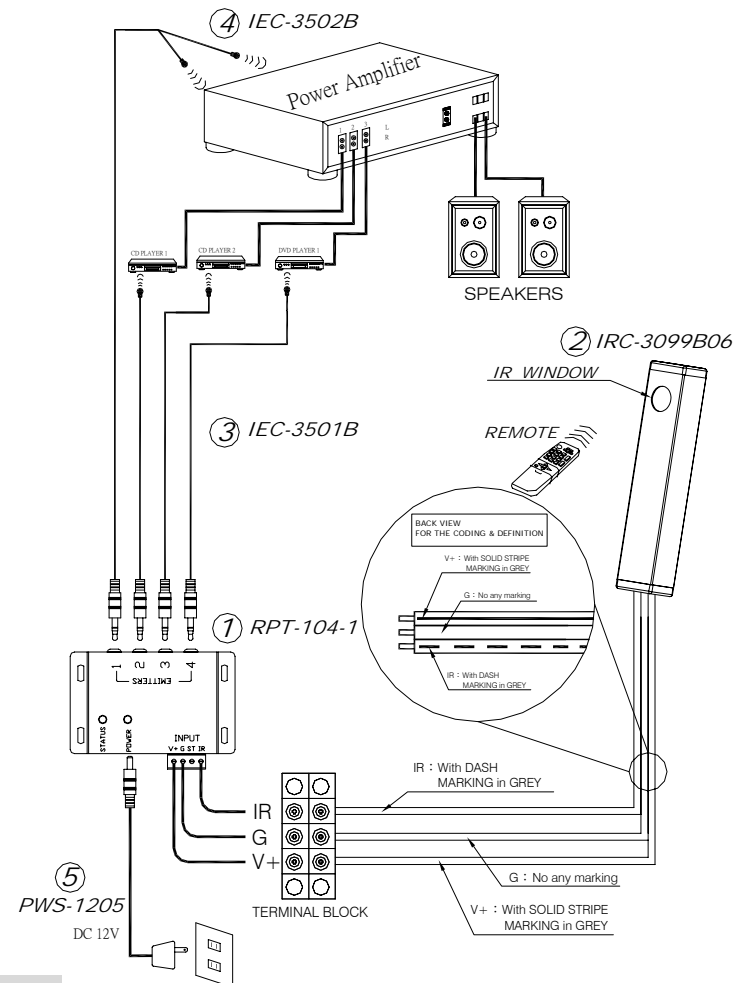

MOUNTING INSTRUCTION

(according to the above installation diagram):

- Mount the RPT-104-1 IR connecting box behind AV devices and near a AC outlet in accordance with the requirement of the input voltage for the PWS-1205 power supply.
- Choose & connect your IR receiver IRC-3099B06 to the RPT-104-1 connecting box and further place the IR receiver eyes in a desired location according to the specific installation below
- Plug your necessary amount of IEC-3501B or IEC-3502B IR emitter into the RPT-104-1 connecting box and adhere the emitter directly onto top of the component's IR sensors.

- The PWS-1205 power DC adaptor plugs into a voltage compliant AC outlet and connects to the "POWER" receptacle of the RPT-104-1 connecting box. Make sure the POWER LED indicator is on green light for further operation while the RPT-104-1 is plugged into PWS-1205.

INSTALLATION DIAGRAM & MOUNTING INSTRUCTION:

INSTALLATION DIAGRAM

NOTES:

- The status power receptacle at the RTP-104-1 connecting box remains vacant without working as the status power adaptor is not included in this kit.
- The more details of each element can be referred below:

(1) RPT-104-1 IR CONNECTING BOX

Features and Characteristics
- Four emitter output connections
- Status power receptacle with LED indicator
- Power receptacle with LED indicator
- Removable connector for system connection
- For mounting/adhesive near audio equipment

Installation

Power:
Connect a 12V DC 500mA   power supply to the power jack.
2.1mm + Tip – sleeve. The green LED will be illuminated when powered. This will power all of the IR components connected to the system.

Status Power:
12VDC 200mA 2.1mm + tip –sleeve. Connecting a power supply
to this connection will power the status connection. The green LED will be illuminated when powered. This can be from a 12 volt trigger output or from a wall type power supply plugged into a switched outlet of a stereo receiver.

System Connection:
Connect the IR system to the detachable connector
printed V+ (12VDC), G(Ground), and IR (Signal).

Emitter Outputs:
Choosing compatible parts such as IEC-3501B or IEC-3502B (single or dual IR emitter), connect up to 4 emitters as max. to the emitter jacks marked 1-4.
Place the emitters directly onto the source equipment's IR sensors, up to 8 units.

Mounting:
Mount /adhere RPT-104-1 near the source equipment that the emitters are attached to.

(2) IRC-3099B06   IR RECEIVER

SPECIFICATION & FEATURES:

- IR frequency bandwidth: 30-100KHz.
- Infrared receiver with two meters length of 3-conductor ribbon cable.
- Adhesive backing – for neat link.
- May be connected to other IR targets in parallel.
- Will handle almost all standard remote controllers.
- IR reception range: up to 10 meter on axis (range depends on device being controlled and levels of IR or EM Interference)
- Reception angle: + or – 45 degree off axis
- Dimension: 10(W) X 8 (D) X 51(H) mm

(3)IEC-3501B SINGLE IR EMITTER

SPECIFICATION & FEATURES:

- Round shape with elegant & compact size
- Infrared is built in plastic housing
- With 10 feet cable length
- With 3.5mm mono standard plug
- With self-adhesive tape for quick and easy fixing on any hard, clean & dry surface

NOTE:
- Make sure mounting surface must be clean and dry for well fixing.
- Can not be connecting IR emitter directly to power supply or battery.

(4) IEC-3502B DUAL IR EMITTER

SPECIFICATION & FEATURES:

- Round shape with elegant & compact size
- Infrared is built in plastic housing
- With 10 feet cable length
- With 3.5mm mono standard plug
- With self-adhesive tape for quick and easy fixing on any hard, clean & dry surface

NOTE:
- Make sure mounting surface must be clean and dry for well fixing.
- Can not be connecting IR emitter directly to power supply or battery.

(5) PWS-1205   12V/500mA DC ADAPTOR, regulated

PWS-1205 is a 12VDC 500mA power supply for infrared receiver.