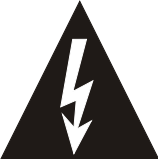# SAFETY INFORMATION

• Read all documentation before operating your equipment.
  Retain all documentation for future reference.

• Save the carton and packing material even if the equipment has arrived in good condition.
  Should you ever need to ship the unit, use only the original factory packing.

• Do not spill water or other liquids into or on the unit.

• Make sure power outlets conform to the power requirements listed on the back of the unit.

• Do not use the unit if the electrical power cord is frayed or broken.

• Always operate the unit with the AC ground wire connected to the electrical system ground.

• Have gain controls on amplifiers turned down during power-up to prevent
  speaker damage if there are high signal levels at the inputs.

• Do not connect the inputs / outputs of amplifiers or consoles to any other voltage source,
  such as a battery, mains source, or power supply, regardless of whether
  the amplifier or console is turned on or off.

• Power down & disconnect units from mains voltage before making connections.

• Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.

• Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an
  environment which may distort the normal flow of air around the unit. If the unit is used in an
  extremely dusty or smoky environment, the unit should be periodically "blown free" of dust.

• Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages.

• Do not drive the inputs with a signal level greater than that required to drive equipment
  to full output.

• Do not run the output of any amplifier back into another input.

• Do not ground the red output terminal, never connect a red output terminal to
  another red output terminal.

• In case of mal-function this device should be serviced by qualified service personnel only.
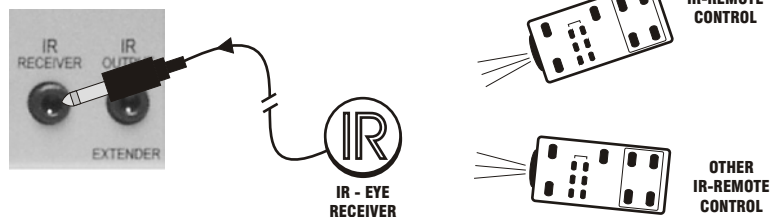

C A U T I O N

TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER OR BACK
NO USER-SERVICEABLE PARTS INSIDE
SERVICING ONLY FOR QUALIFIED PERSONNEL

PIR7600

OWNER'S MANUAL

IR RECEIVER

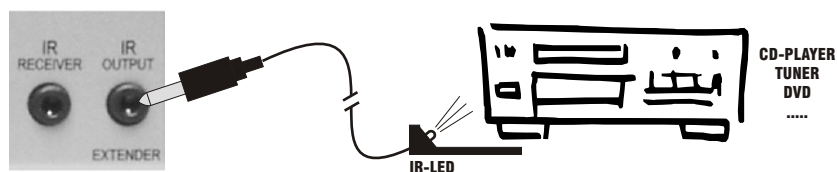**PIR-7600 IR-REMOTE CONTROL**

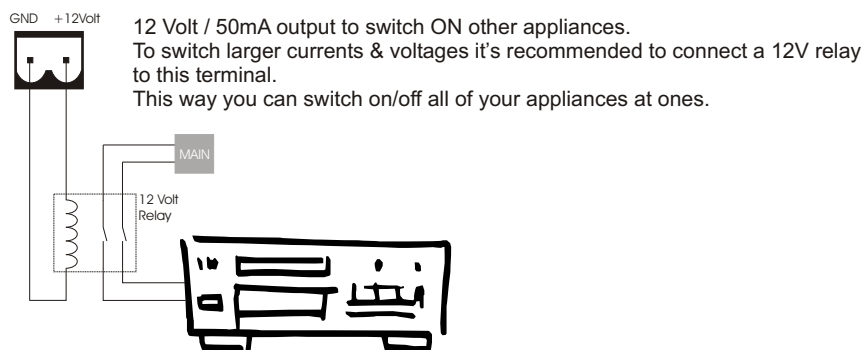**OTHER IR-REMOTE CONTROL**

IR - EYE RECEIVER

The external IR receiver send's all (PIR7600 or other Rc's) received IR codes to the PIR7600.
The PIR7600 copy's the IR signals to the IR output.
All IR signals (system or foreign) can be extended with the PIR7600.

IR EXTENDER

CD-PLAYER TUNER DVD .....

IR-LED

Connect the IR-receiver to the IR output on the PIR7600.
Make shure the IR emitter and the IR receiver (of the ...) have eye contact with each other.

POWER REMOTE OUTPUT

GND   +12Volt

12 Volt / 50mA output to switch ON other appliances.
To switch larger currents & voltages it's recommended to connect a 12V relay to this terminal.
This way you can switch on/off all of your appliances at ones.

MAIN

12 Volt Relay

20 Microphone inputs
Balanced microphone inputs, the same inputs as on the front panel (2)
21. MIC1 level
The level of the microphone 1 input (21 or 2) can be switched to Line or Telephone signal strenght.
22.Power remote output
When the PIR7600 is switched on there is 12 volt present on this connector.
23. IR Receiver
Mini jack input for connecting the supplied external IR receiver.
This receiver copy's all the received IR signals to the IR extender output.
24. IR Extender
Mini jack output for connecting the supplied external IR emmiter.
25. Remote RJ-45 connector
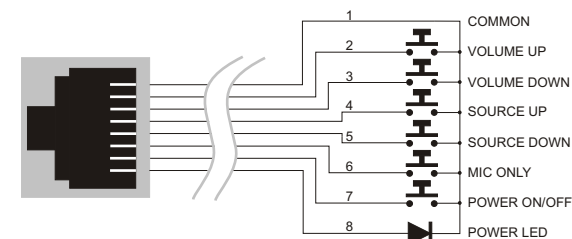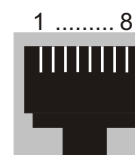RJ-45 connector for controlling the PIR-7600 with a wired remote control.

PHANTOM POWER SUPPLY

You can apply Phantom power supply to microphone input 1 & 2.
To enable the Phantom power you have to set Jumper JP2 (MIC2) , JP1 (MIC1)
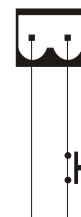These jumpers are located inside the unit, on the pcb of the frontpanel.

WIRED REMOTE CONTROL

1 8

1 : COMMON
2 : VOLUME UP
3 : VOLUME DOWN
4 : SOURCE UP
5 : SOURCE DOWN
6 : MIC ONLY
7 : POWER ON / OFF
8 : + POWER LED

1	COMMON
2	VOLUME UP
3	VOLUME DOWN
4	SOURCE UP
5	SOURCE DOWN
6	MIC ONLY
7	POWER ON/OFF
8	POWER LED

The inputs of the PIR7600 wired remote control are opto-isolated and low impedant.
Therefore you can put more then 1000 metres of wire between the remote and the PIR7600.

EXT. MUTE

External MUTE contact.
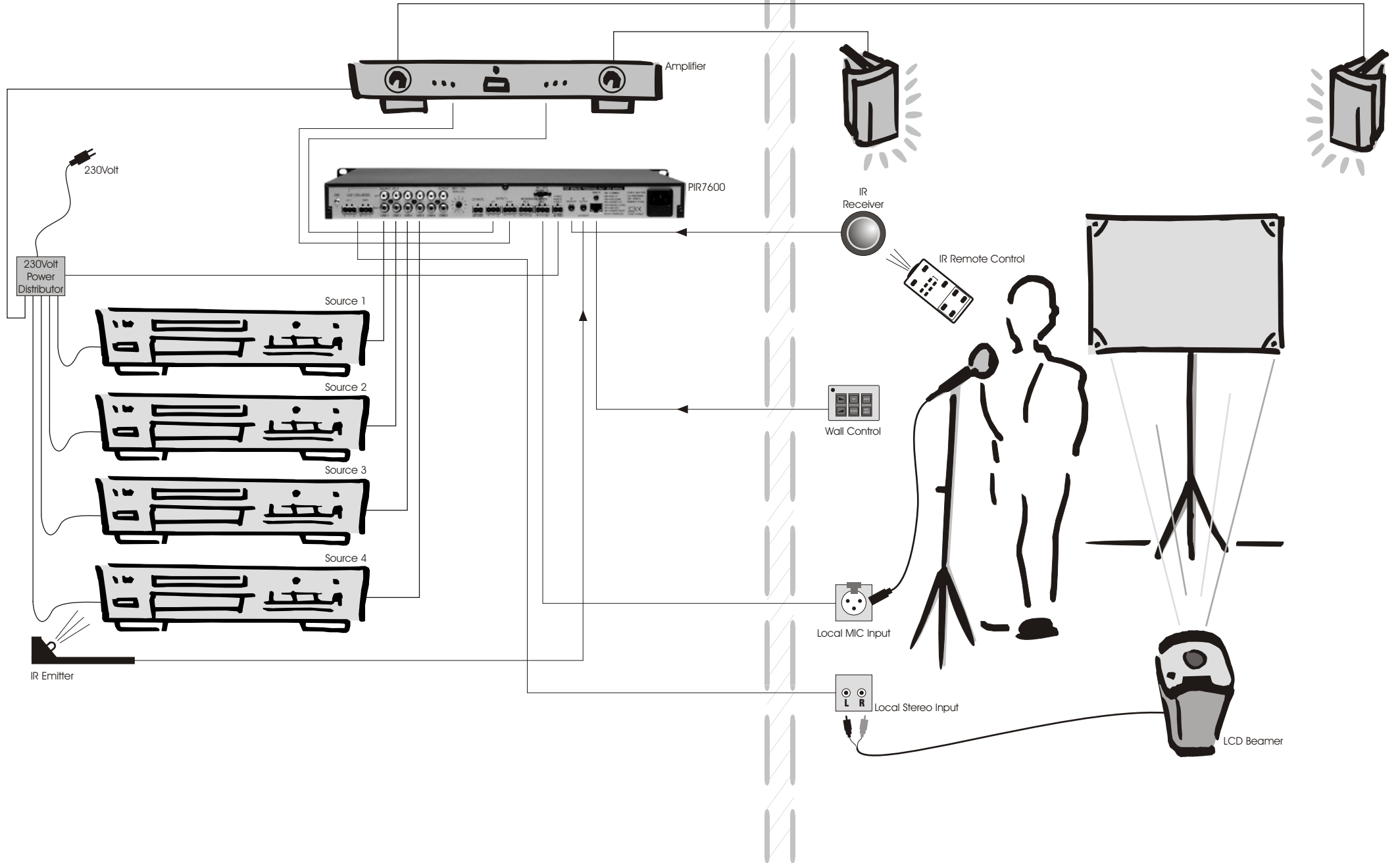When you short this contact source input 2-6 are being muted.
How much the signal is muted can be controlled by the MIC-1 VOX level.

APart ☰ *REMOTE CONTROLLED PRE-AMPLIFIER*

SLIMLINE

UTILITY ROOM

MEETING ROOM

230Volt

Amplifier

230Volt
Power
Distributor

PIR7600

IR
Receiver

IR Remote Control

Source 1

Source 2

Source 3

Source 4

Wall Control
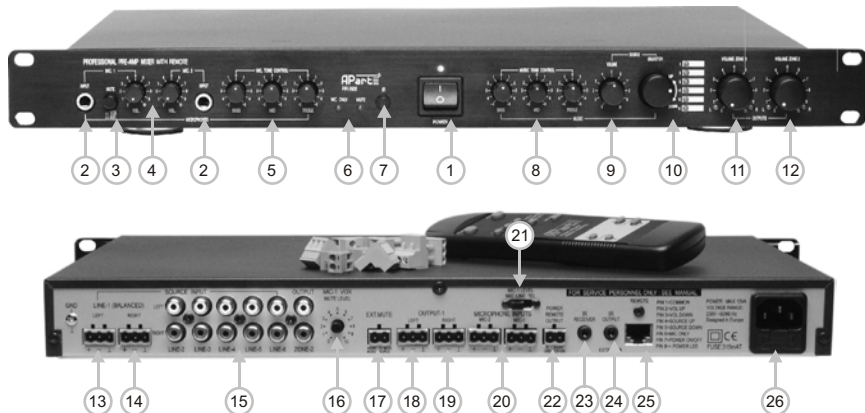
Local MIC Input

IR Emitter

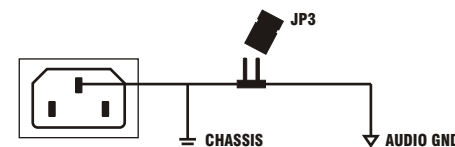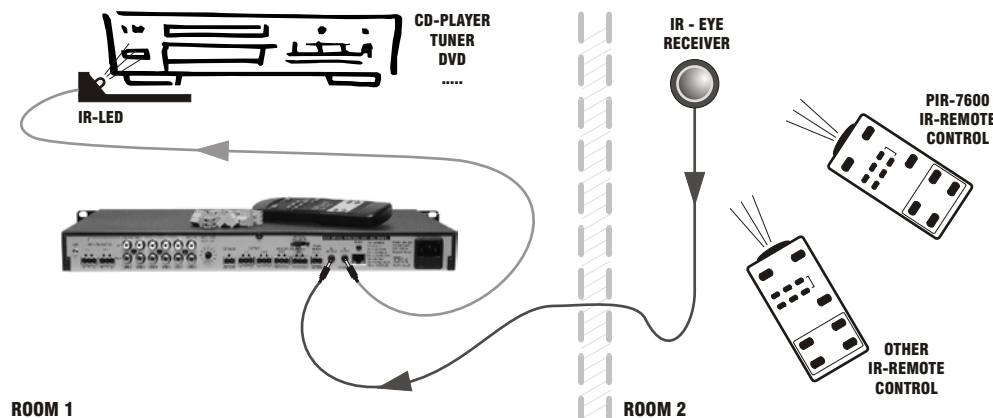Local Stereo Input

L   R

LCD Beamer

SLIMLINE

SLIMLINE

FRONT PANEL

1. Power switch
To turn the unit ON or OFF, press the upper or lower part of this button. The LED above the switch will light to indicate that the unit is ON.

2. Front microphone inputs
Stereo jack input for two balanced microphone inputs: MIC1 and MIC2 (possible to apply phantom power to MIC1 & MIC2 by setting jumper 1 & 2)
Separate volume control (4) for each microphone input.
Tri-band tone control (5) for the microhone inputs.

6. mic-only and mute indicator
mic-only led illuminates when the mic-only button on the remote control is pressed or when the mic-only function is selected on the RJ-45 connector (25) on the back panel.
If you press the mute button on the remote control the mute led illuminates.

7. IR receiver : Eye for the local IR receiver.

8. Tri-band tone control
Bass,Mid,Treble tone control for the source inputs.

9. Source volume control
This volume control adjust the level of the Source inputs (1 - 6). The control has no in influence on the volume settings of the microphone inputs.

10. Source selector
Digital source selector, turning this selector up or down selects the appropriate input source.

11. Volume zone 1
Motorized volume control for zone 1 output.
The volume control on the remote control adjust the level of the zone 1 output.

12. Volume zone 2 : volume control of the zone 2 output

BACK PANEL

13 / 14 Line1 input
Balanced line input (left & richt channel) for source 1

15. Line inputs
Line 2 - 6 rca cinch inputs for the source 2 - 6

16. MIC1- VOX
When the MUTE function is activated (by shorting connector 17) the source inputs (1-6) are muted.
The level of mute is determinated by the MUTE level potentiometer.

17. EXT. MUTE
Short this terminal to activated the MUTE function.

18 / 19 Output
Left & right balanced outputs. The output level of this zone is controlled with : the volume control zone 1 (11) on the front panel , with the IR remote control or the wired remote control (25)

CD-PLAYER TUNER DVD ......

IR-LED

IR - EYE RECEIVER

PIR-7600 IR-REMOTE CONTROL

OTHER IR-REMOTE CONTROL

ROOM 1

ROOM 2

JP3

CHASSIS

AUDIO GND

HUMM & BUZZ

• If 'Hum' or Buzz' occurs when connecting different inputs, then this is often caused by 'GROUND or EARTH LOOPS'.
If this is the case, press the audio ground lift (15) button.

Technical specifications	PIR7600
Input Line 1	Euro Block Balanced 0 dB, 20 kOhm
Line 2-6	RCA Cinch, 500 mV, 10 kOhm
MIC 1 - 2	Front: Jack -50 dB / 600 Ohm
	Rear: Euro Block Bal. -50 dB / 600 Ohm
OUTPUT Zone 1	Euro Block Balanced 0 dB/ 100 Ohm
Zone 2	RCA Cinch 0 dB / 600 Ohm
Frequency Response	20 Hz to 25 kHz
Distortion	< 0.01%
Dimensions (H x W x D) / Weight	44 x 483 x 275 mm / 2.8 Kg