

Giove CA10

Audio controller
User manual

VIVALDI UNITED GROUP

VIVALDI UNITED GROUP

Giove

Contents

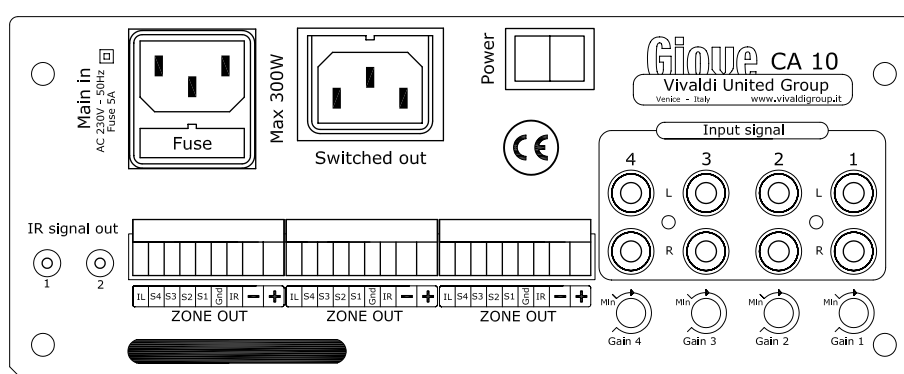
----Giove CA10/RC10, general overview	pag 3
----Giove CA10 connections	pag 3
----Giove RC10 connections	pag 4
----Giove CA10 wiring diagram	pag 5
----Connecting CA10 with a Giove CA3 MK2	pag 6
----Pre-Out connections	pag 7
----Connecting a power amplifier	pag 8
----Local input connections	pag 9
----Cable routing	pag 10

General overview



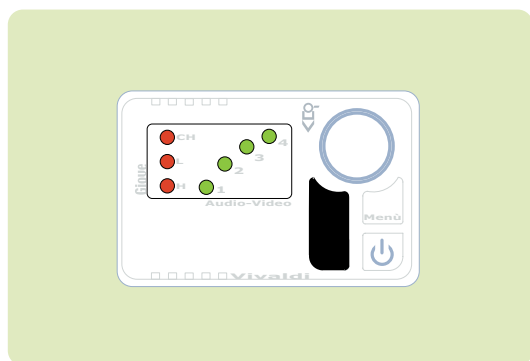
- Up to 12 zones audio controller
- 4 independent programs for each zone
- Audio sources and controllers (RC10) infrared control
- Ac servo out
- 3 socket, each controlling up to 4 RC10 controls
- Blue Led signalling operating status

Giove CA10 connections



- * N. 4 Audio Line input
- * Independent sensitivity controls
- * Main lighted switch
- * Ac servo out
- * N. 2 Infrared outputs (S-IR1, o S-IR2)
- * N. 3 Sockets for RC10 connections (Max 4 RC10 per out)
- * 220Vac input
- * 400W max power requirements (excluding servo out requirement)
- * External dimensions 220x92x320 mm (WxHxD)
- * Height 2 UR
- * Weight 4,5 Kg

Giove RC10 control



- *Peripheral audio controller/amplifier (2x15 W)
- *4 audio sources selection
- *Functions: On/Off, volume, High & Low tone, muting
- *Pre-Out sensitivity control
- *I.R. input
- *Led functions indication
- *Non volatile memory

On/Off control by lower right key single short pressure.

Encoder knob rotation allows volume regulation, each pressure of menu key switch functions to channel, high, Low and back to Volume.

CH function allows to switch audio inputs 1 to 4.

Insert muting function by pushing encoder (blinking Led), deselect by another press (led off).

By switching on the first RC10, AC servo out is activate. This is turned off 20 sec. after last RC10 is switched off.

IR front sensor allow to control RC10 and appliances of every makes and models, by means of emitter IR (S-IR1) connecting to back IR out and attach to the IR appliance sensor.

Outputs sensitivity setting

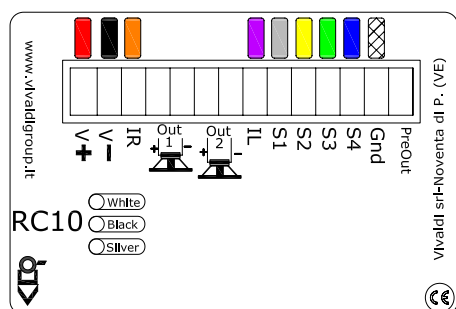
This procedure allow to control Pre Out and amplified out sensitivity.

To do this, you need a remote with Giove codes, (TC-IR10, TC-IR20....).

With RC10 on, follow this instruction:

1. Press and release encoder knob.
2. Press and keep pressed encoder knob
3. Increase and decrease sensitivity of amplified out by operate high tone controls.
4. Increase and decrease sensitivity of preamplified out by operate low tone controls.
5. End this procedure releasing encoder knob.

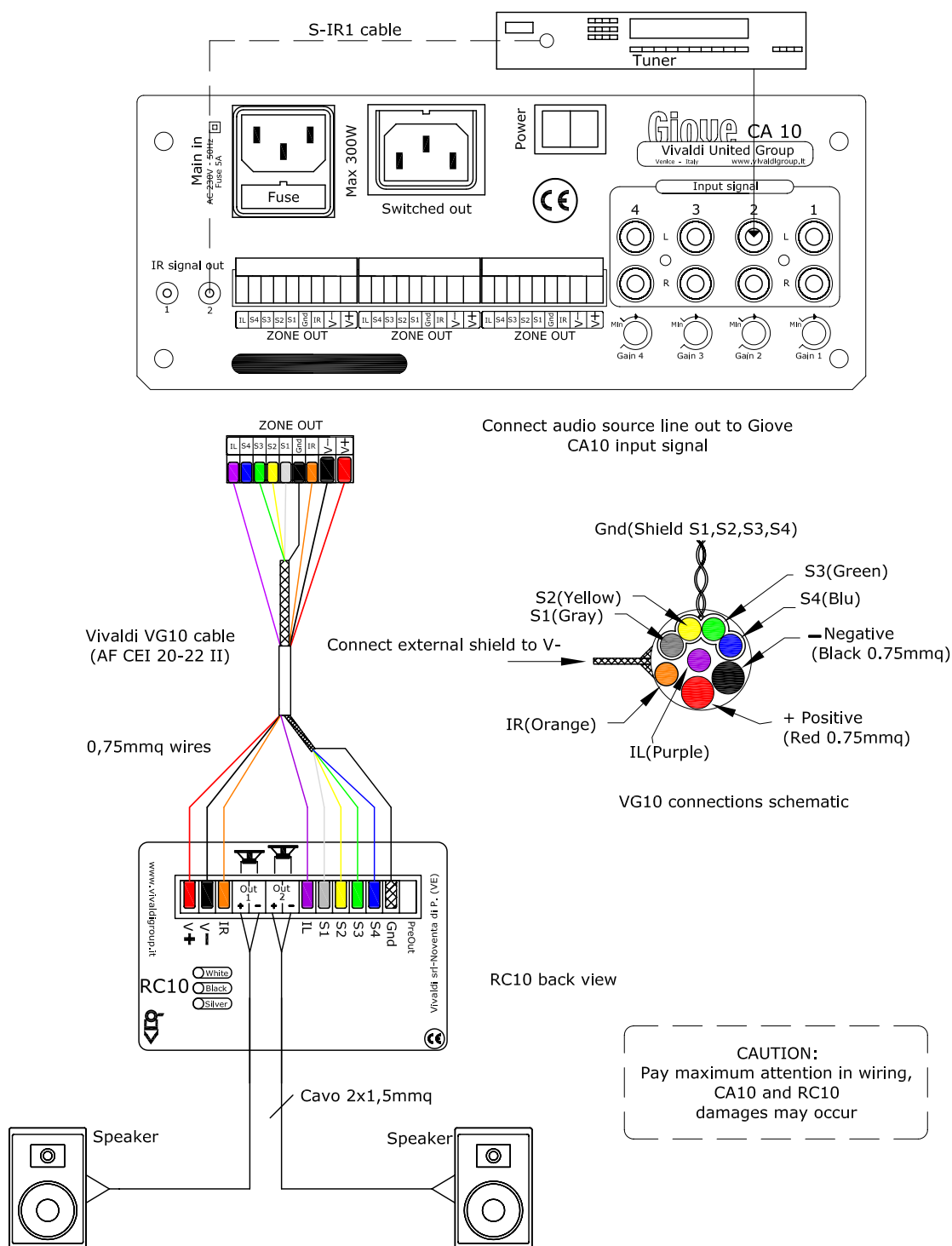
Giove RC10 connections



- *Out1 e Out2 : 8 Ohm minimum speaker connections
- *Pre Out: Allow to connect appliance such mixers, sub-woofers etc.

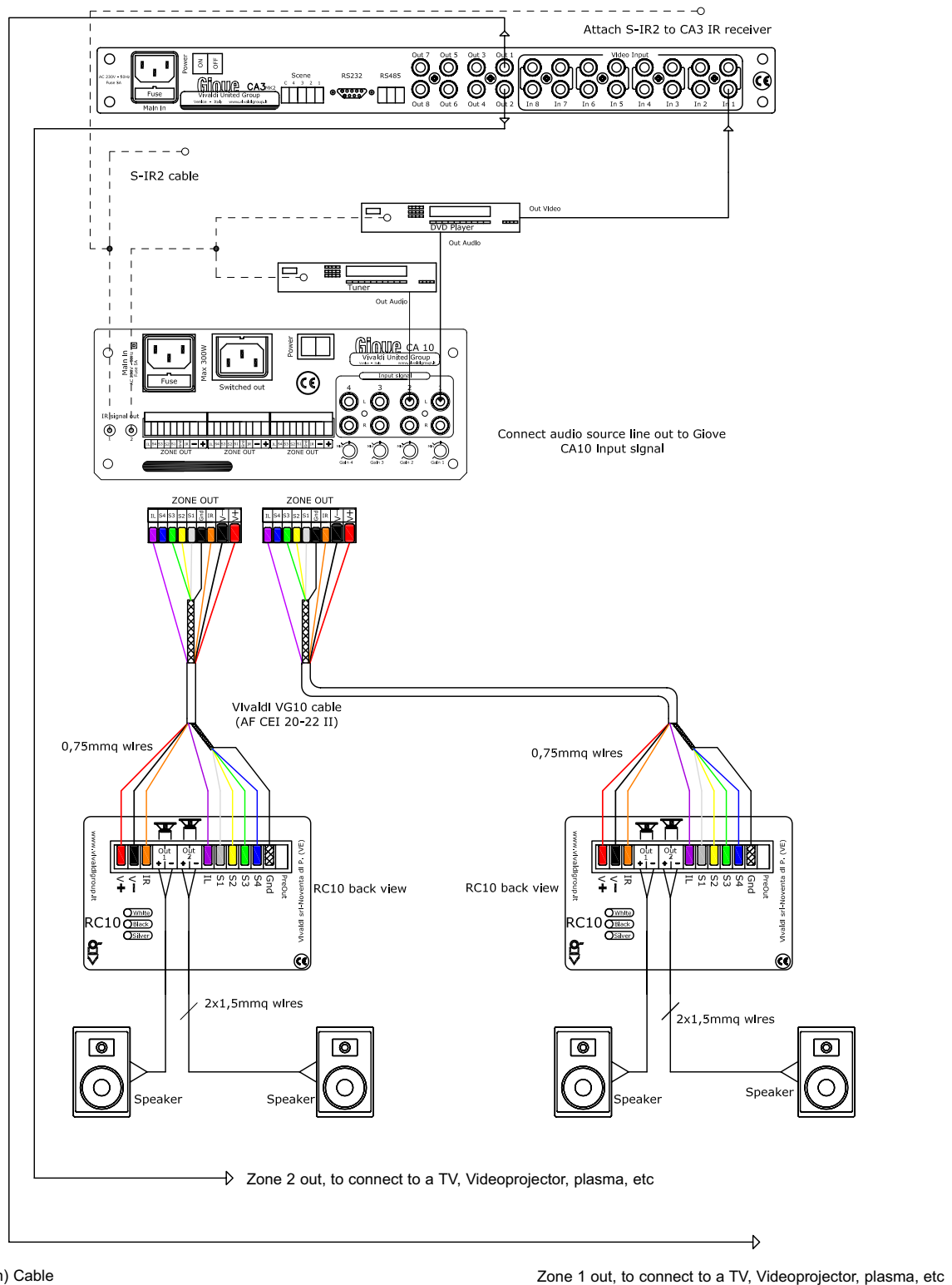
Wiring diagram

(Basic CA10 + RC10 wiring)



After wiring, Giove CA10 is ready to operate, it requires no additional regulation or programming.

Connecting a CA10 with a CA3 MK2

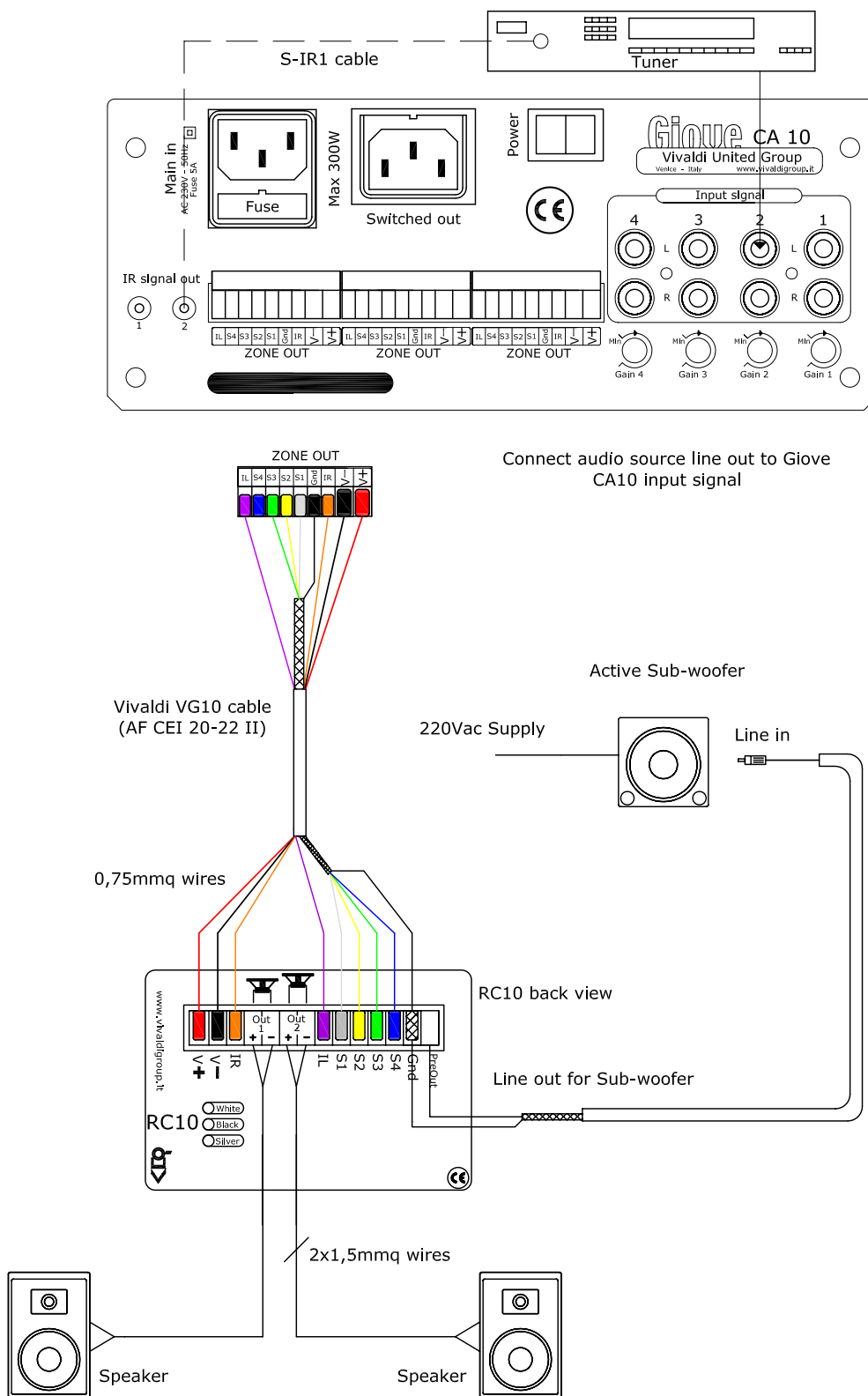


Wiring diagram between Giove CA10 and Giove CA3.

Video input can be selected using CA3 presets, these can be selected by a TCIR remote.

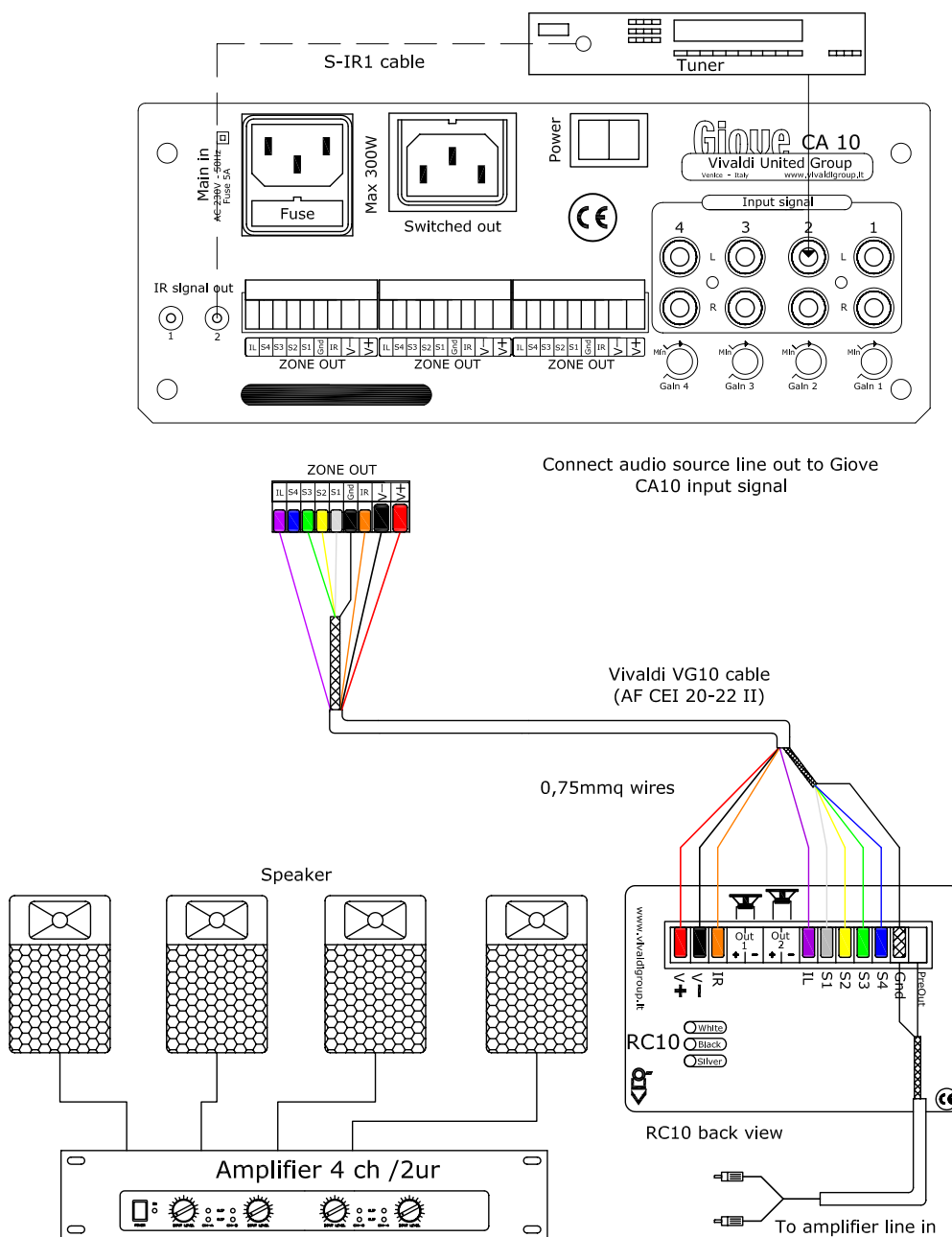
Video signal will be the same for each zone.

Pre-Out connections



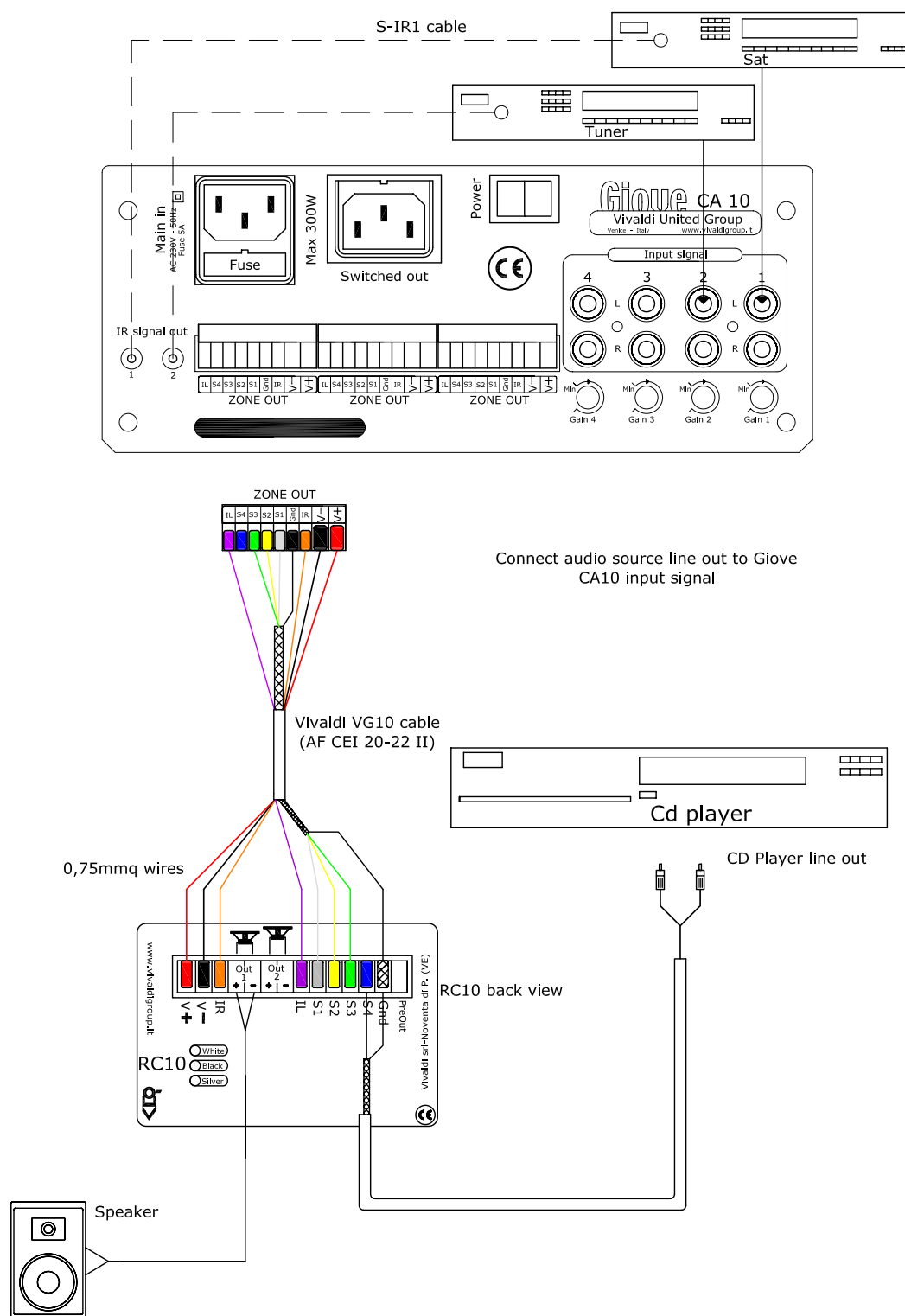
This schematic diagram shows how to connect an active speaker (i.e. an active SubWoofer) by using RC10 Pre-Out. Speakers volume will be controlled through RC10.

Connecting a power amplifier



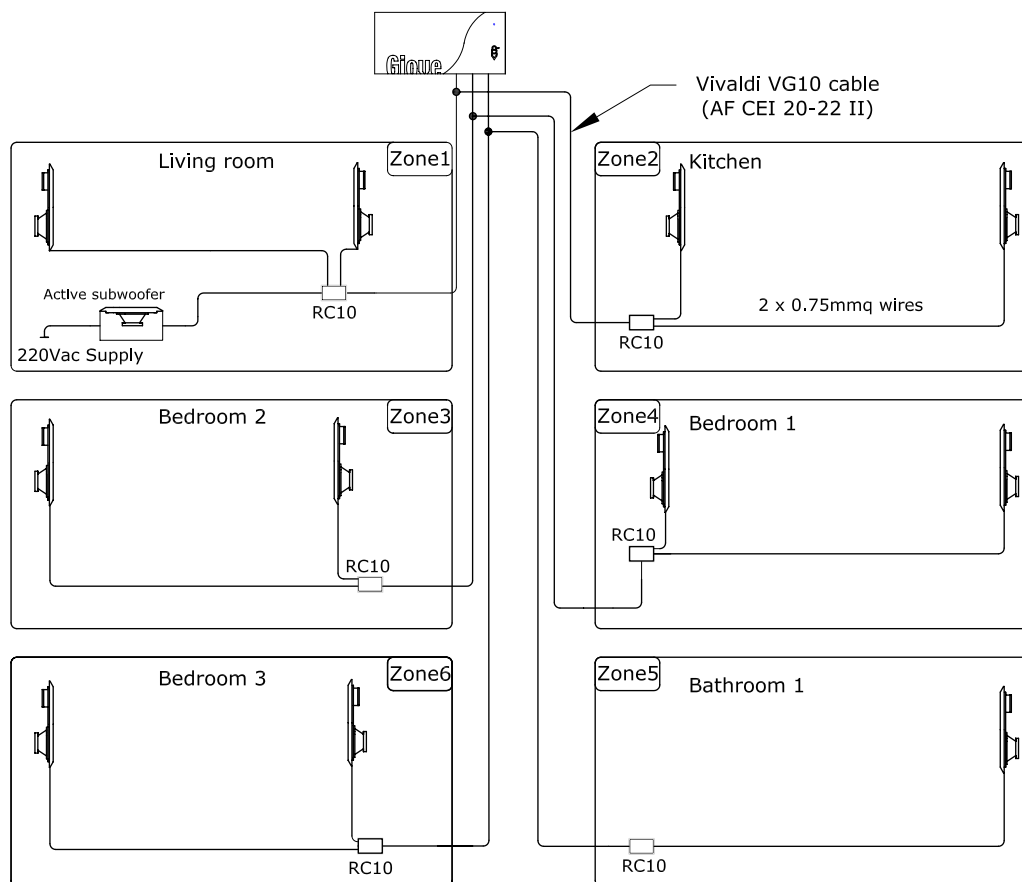
When high power is required, (i.e. for multiple speakers connection) a power amplifier can be connected to the Pre-Out.

Local input connections



Following this schematic diagram, a local audio source, (CD, MP3, etc.) can be listened in the area when RC10 are installed.
Blue wire are not connected.

Cable routing



Example of cable routing for Giove CA10, using VG10 cable.

Noise reiecting and correct operating of Giove CA10 are guaranteed only by using VG10 cable.

There can be connected up to 4 RC10 on each socket, for a total amount of 12 RC10.

If total number of RC10 is less than 12, is strictly suggested to distribute controllers between sockets.



Vivaldi srl
Via E. Fermi n. 8
30020 Noventa di Piave (VE)
ITALY
Tel. +39 0421307825 ra - Fax +39 0421307845
