

Installation Manual

Z-Audio
V1.0



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Introduction:

The Zone-Audio2 Module is the device handling the Music system in the Smart-BUS G4 home automation system.

The Z-Audio2 comes with elegant design To sit under the TV in the Living room or Anywhere the eyes can see, like a normal Standalone music system.

The Z-Audio2 is also a Rail-DIN Mount Device, so it can be placed inside DBs near The other devices.



Figure 1 Z-Audio2

Installation Stages:

- 1- Power
- 2- S-BUS
- 3- Your speakers (The output)
- 4- Your source (The input)



Figure 2 Z-Audio2 on a Rail (Upper ports)

1- Power and S-Bus:

As in figure 1, the Z-Audio2 has a separate power supply, which means no need to use the power pair in the S-bus connection. It is clear in the picture also that only the Data pair (D+,D-) are connected in order to hook the module to the S-BUS network.

2- Speakers:

Like shown in the figure 2 above, You have a stereo, left and right two Passive speakers out, using a proper speaker cable, connect to the speakers.

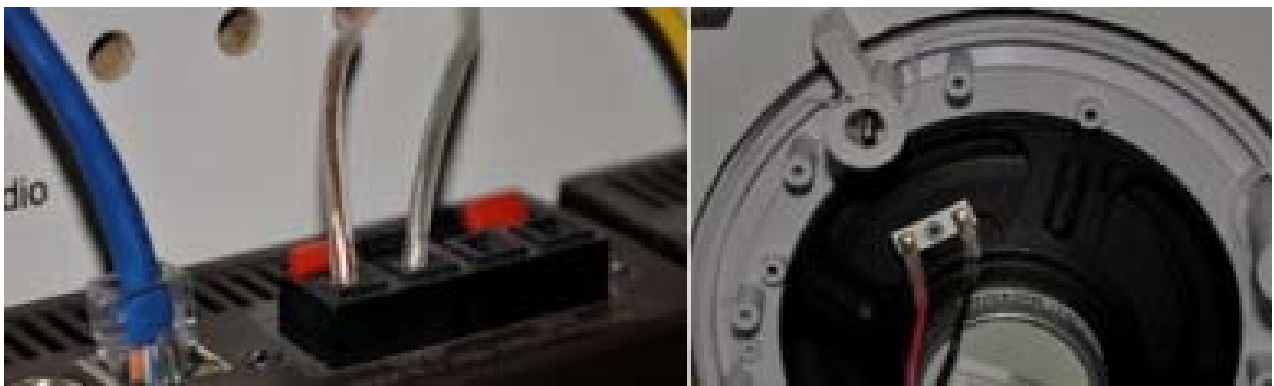


Figure 3 Speaker out to passive speaker example

In Figure 3, there is only one speaker connected.

The audio out port (shown in fig 2) can also be used to connect to a speaker system that is equipped with and audio in option like shown in the two pictures below:

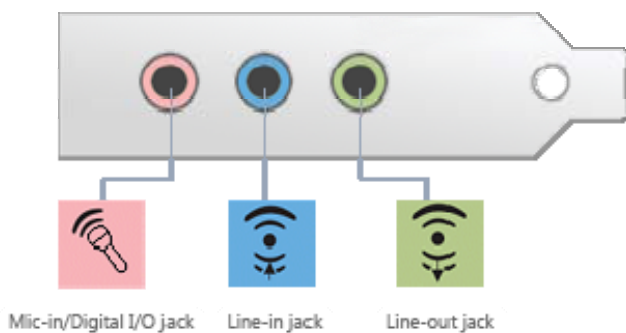


Figure 5 Normal PC sound Card with Line In jack



Figure 4 Speaker system with Line Input

3- Sources:

- 1- SD Card: Normal size, preferred Kingston or Sandisc (Fig 4).
- 2- LAN shared storage: the Z-Audio has a built in NIC card which allow it to be connected to any computer network. With the regular computer network IP configuration it can easily play music from that storage. Refer to the Z-Audio and FTP programming manual.
- 3- Built in Radio, you just need to connect normal radio antenna to the FM antenna jack shown in fig 2.
- 4- Normal stereo Audio input to connect to any music player system using a normal RCA cable (Fig 5).
- 5- PA (Public address) using the same stereo RCA cable to any source, but using this one for announcement systems since the input on this port will override whatever is playing on the speaker. (refer to the programming manual, and the usage and connection ideas documents)



Figure 6 Z-Audio2 Bottom



Figure 7 Stereo RCA cable