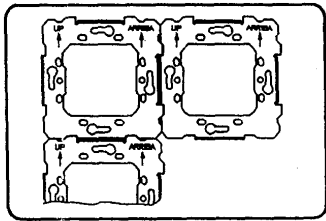
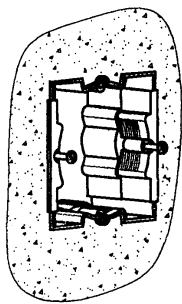


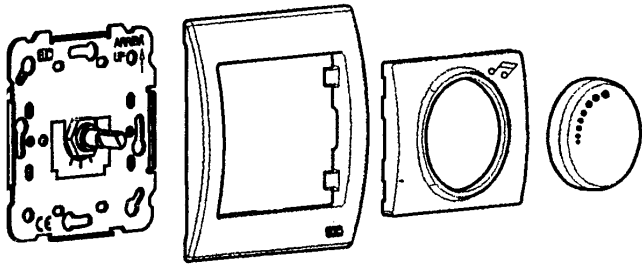
# RVC-1 REMOTE VOLUME CONTROL INSTALLATION GUIDE

Installing into standard wall box.



There are double and triple horizontal or vertical special frames available in the market to make multiple RVC-1 assemblies

Elements assembly



The multichannel amplifier remote volume control is made by using one or more RVC-1 Remote volume control units. Inside the unit you are able to setup the channels that you want to control. It maybe installed onto surface boxes or into standard European wall boxes.



Important elements for the installer located inside the unit:

- 2 parallel connectors RJ45, although the name of each one is different you can indifferently use them like input or output
  - IN/SPLIT ( J1 )
  - SPLIT/IN ( J2 )
- A internal green pilot (D1); It show us that the unit RVC-1 is powered
- You can select the channels that you want remote volume control with dip switch (S1); you can also group channels and control them from the same RVC-1.
- Remember that a channel position can not be repeated in another RVC-1 when in cascade mounting.

The Rvc-1 is used to control the volume levels of the Ch1-4 channels or for the Ch5-8 channels according to the connection in the amplifier. This table shows the different possibilities from control.

S1 SWITCH CONFIGURATION		
	REMOTE VOLUME CONTROL CONECTION	
ON	CH1-4	CH5-8
1	VOLUME CH1	VOLUME CH5
2	VOLUME CH2	VOLUME CH6
3	VOLUME CH3	VOLUME CH7
4	VOLUME CH4	VOLUME CH8
5	VOLUME CH5-6	
6	VOLUME CH7-8	

If would like you can put all switches to ON therefore whit a single RVC-1 you can control all channels volume \* (\* it depends on which connector of remote control of the Multichannel power amplifier you have plug)

The remote is wired with a standard Cat-5 cable. normally used in computer networks. It have 8 ways with RJ45 connectors. Pin 1 to pin



You should install in cascade (also in parallel, with a cat 5 splitter) to IN/SPLIT input and SPLIT/IN output

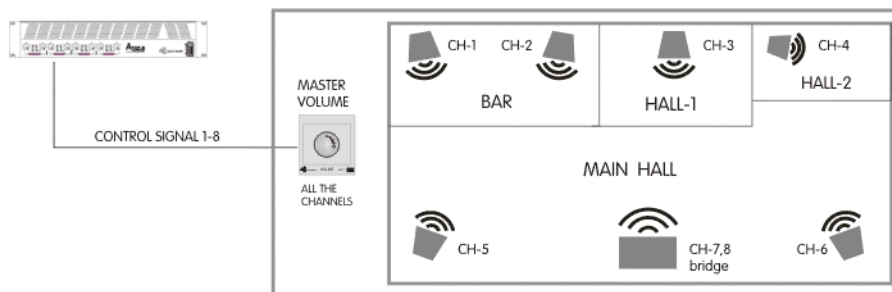
The 4 channels amplifiers MA-80.4 and MA-150.4 incorporate 1 remote control CH1-4 connector. The 8 channels units MA-80.8 and MA-150.8 incorporate 2 connectors. The Ch-1-4 connector controls by pairs of channels 5-6 and 7-8 allowing the use of an only Rvc-1 for all the installation.

**NOTE:** During the installation of the wiring, the parallel routing with current lines will be avoided as far as possible to reduce possible couplings.

**NOTE:** When the installation requires it, (long distances, industrial surroundings, etc.) we recommended use shielded Cat-5 cable

## INSTALATION EXAMPLES

GLOBAL VOLUME CONTROL INSTALATION. Eight channels power amplifiers MA<sub>150.8</sub>, ó MA<sub>80.8</sub>



REMOTE CONTROL SETUP you must put all switches towards on in RVC-1

Connected to REMOTE VOLUME CONTROL CH1-4						
	1 VOLUME CH1	2 VOLUME CH2	3 VOLUME CH3	4 VOLUME CH4	5 VOLUME CH5-6	6 VOLUME CH7-8
S1 (RVC-1)	ON	ON	ON	ON	ON	ON

MA 150x8 SETUP

	MODE	BRIDGE	EARTH LIFT	FILTER
CH1-CH2	STEREO	OFF	*	OFF
CH3-CH4	MONO CH1+CH2	OFF	*	OFF
CH5-CH6	STEREO	OFF	*	HPF
CH7-CH8	MONO CH1+CH2	ON	*	LPF**

\*\* On demand



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