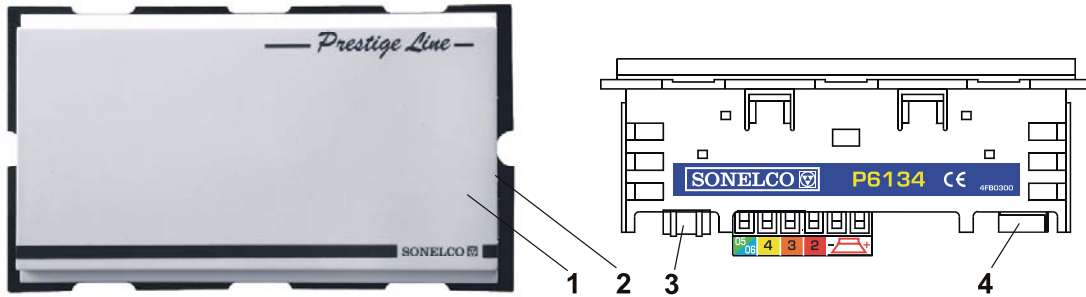


4FA013901

AMPLIFIER 8 W/ 2 Ohm - P6134



1- Front . 2 - Circuit support. 3 - Level adjustment. 4 - Amplifier

DESCRIPTION

8W/2 Ohm monophonic amplifier to be installed in flush-mount box P4901. It permits several combinations of passive baffles or speakers with different powers per sound point (see enclosed table). From 1 to 8 speakers or baffles can be connected. The speakers or baffles are connected in parallel to the amplifier, in the terminal strip supplied for this purpose. The sound level of the amplifier can be regulated with the sensitivity adjustment potentiometer.

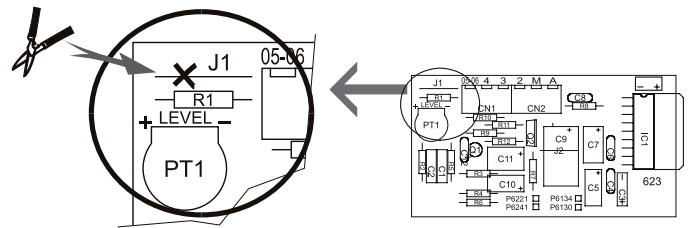
		NUMBER OF SPEAKERS OR BAFFLES							
		1	2	3	4	5	6	7	8
MODEL	SPEAKER								
	BAFFLE								
	P4731 P4732 P7311	1 x 5W	2 x 4W	—	—	—	—	—	—
	P7112 P7115 P7120	1 x 3W	2 x 2,5W	3 x 2W	4 x 2W	—	—	—	—
	P4734 P4735 P4739	1 x 1W	2 x 1W	3 x 1W	4 x 1W	5 x 1W	6 x 1W	7 x 1W	8 x 1W
	P4736 P4737	1 x 1W	2 x 1W	3 x 1W	4 x 1W	5 x 1W	6 x 1W	7 x 1W	8 x 1W

TABLE - 1

CONNECTION

TERMINALS

- terminal 2 – + 16V supply
- terminal 3 – Supply input + 16V. See Note (*)
- terminal 4 - Ground
- terminals 05/06 - Audio input
- terminals A and M - Audit output amplified for speakers or baffles



(*) Note: Terminals 2 and 3 are connected internally in these amplifiers with bridge J1, which we can cut, if we wish, permitting two connection modes.

J1 not cut (see example "a"): the supply can be connected indifferently to terminal 2 or 3.

J1 cut (see example "b"): terminal 2 acts as supply input and terminal 3 acts as ignition control.

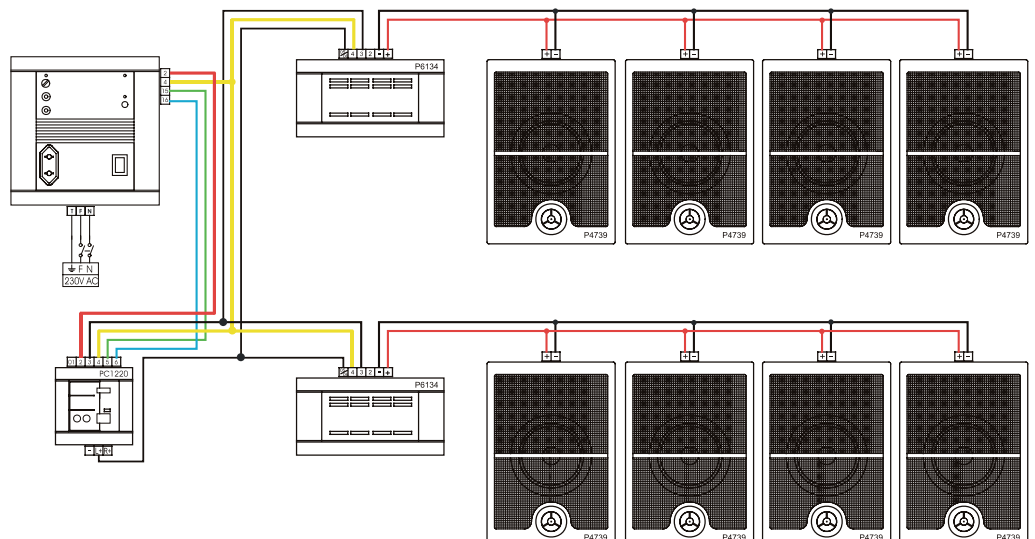
EXAMPLES OF INSTALLATION

a) Installation 1 mono music channel. Example for areas with 2 amplifiers (P6134), with one single control. (Bridge J1 not cut). Connection to control by three wires, (See diagram 1)

In this type of connection the whole amplifier consumption is obtained through terminal 3 of the control, and it is only recommended when a maximum of 2 amplifiers are connected to the control. One single control is able to provide current for 2 amplifiers P6134, estimating that for music+messages, the average consumption of an amplifier is 715mA. (65% of the maximum).

The diagram shows an installation with two amplifiers P6134, each of them connected to 4 passive baffles P4739 with 8 Ohm, in parallel, with which we will be able to obtain 2W per sound point. As can be seen in diagram 1, the amplifiers are connected with three wires connected to terminals 3, 4 and 05.

Diagram 1. 1 mono music channel.
Room with two amplifiers



Note: The control or the main unit could be any from the Prestige series.

Do not forget to place the mono/stereo switch of the control in mono position.

EXAMPLES OF INSTALLATION

b) Installation 1 mono music channel. Example for areas with more than 2 amplifiers P6134 with one single control. (Bridge J1 cut). Connection with four wires. (See diagram 2).

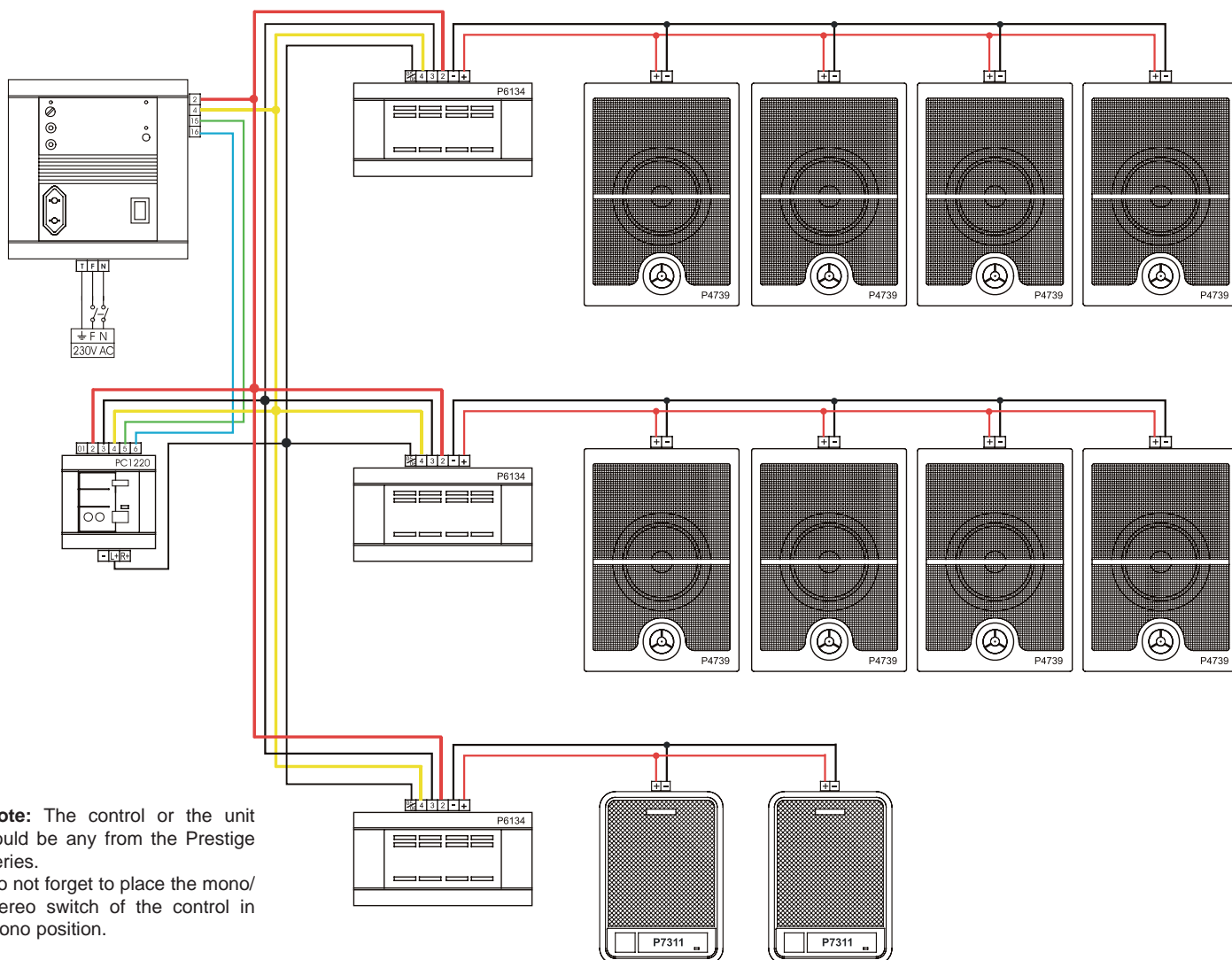
If you wish to control more sound points with one single control, more than 2 amplifiers will be required, and bridge J1 will have to be cut in all of them. See Note (*) in "CONNECTION" section.

In this case, unlike the above, the amplifiers are supplied by wire 2 from the line, and wire 3, from the control, acts as control for the internal electronic switch of the amplifier. One more wire is used for the installation, but the no. of amplifiers desired can be controlled with one single control.

As can be seen in diagram 2, the amplifiers are connected with four wires, connected to terminals 2, 3, 4 and 05.

As an example, diagram 2 shows an installation with 1 mono music channel with 3 amplifiers P6134, two of them connected to 4 passive baffles P4739 of 8 Ohm, placed in parallel, which will supply 2W per sound point, and a third amplifier P6134 connected to 2 baffles P4731/2 of 4 Ohm placed in parallel, which could give 4W per baffle, (See Table 1). A larger number of amplifiers could be fitted and a different combination of baffles connected to each amplifier, as indicated in Table 1, always taking into account the power of the unit, which in our case is P3271.

Diagram 2. 1 mono channel. Installation with 3 amplifiers.



Note: The control or the unit could be any from the Prestige series.
Do not forget to place the mono/ stereo switch of the control in mono position.

TECHNICAL CHARACTERISTICS

Rated supply volt. (V2): 16V DC
 Maximum current consumption (I2): 1A.
 Consumption without signal (I2): 54 mA.
 Terminal 3 (With bridge J1 cut):
 - Minimum ignition volt. (V3): >7V.
 - Current consumption (I3): >1.5 mA
 Power: 8W, d<1%
 Sensitivity: 1.5V
 Frequency response: 75Hz - 18Khz (-3dB)
 Signal/Noise ratio: >55dB

Dimensions: (L x W x D) 106 x 59 x 43 mm.
Weight: 86 gr.