

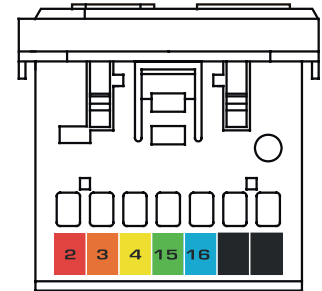
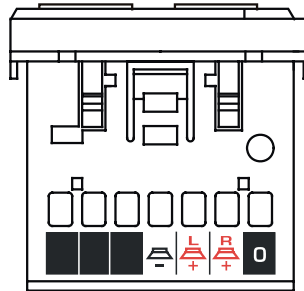
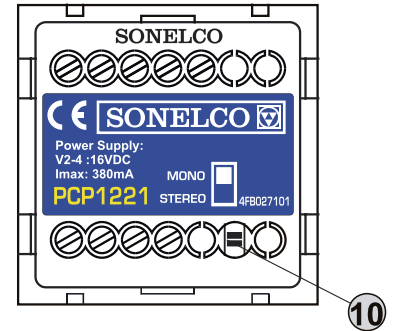
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VERIFICADO

## DIGITAL CONTROL UNIT - PCP1221 1 STEREO MUSIC CHANNEL



- 1 - Raise volume/sb push-button
- 2 - Lower volume/sb push-button
- 3 - 3.5 mm jack connector for Walkman input.
- 4 - 3.5 mm jack connector for earphone output
- 5 - ON/OFF/SLEEP push-button
- 6 - Operation indicator light
- 7 - sb push-button
- 8 - Operation indicator light
- 9 - SCAN push-button
- 10 - MONO / STEREO switch



### DESCRIPTION

1+1 W stereophonic amplified control with digital volume adjustment, LOUDNESS, SUPERBASS, SCAN-SLEEP function, output for earphones and input for walkman.

### GENERAL CHARACTERISTICS

- Electronic ON/OFF switch
- Luminous ON/Sb indicator /Two-coloured LED type
- Key pressed luminous indication (Vol+, Vol- and SCAN)
- 100-stage digital volume control with memory of selected position with main unit in operation.
- 1+1W stereophonic amplifier with outlet for standard 8 Ohm speakers
- Integrated audio processor.
- Microprocessor-controlled progressive Loudness and Superbass
- SCAN function, (remote change of radio station in a SONECO tuner)
- SLEEP function (the control switches itself off after 20 minutes)
- Output for stereo earphones, with disconnection of speakers.
- Input for outside audio signal (Walkman) for amplification through speakers, with automatic disconnection of line signal.
- Telecontrol by voltage

### CONNECTION

Before connecting, make sure the power supply unit is switched off. Insert the control in the metal base plate and make the connection according to the following instructions:

#### TERMINALS:

- 0 - SCAN. Connect to Scan line.
- 2 - Input + 16V supply
- 3 - Output + 16 V, after switch
- 4 - Ground
- 15 - Left channel audio input
- 16 - Right channel audio input
- L+ - Output for left speaker
- R+ - Output for right speaker
- - Common ground for speakers

**NOTE:** The system must be wired up separately from the electricity mains, according to regulations.

### OPERATION

After making the connection, switch the main unit on and make sure there is an audio source connected to the main unit (a tuner or another external audio source). And the telecontrol is used, make sure the main unit uses the telecontrol by voltage (see information on main unit).

Check the position of the MONO/STEREO switch (10). If both speakers have been installed in that room the switch will be placed on Stereo (position by defect). If only one speaker has been installed in that room place the switch on MONO (M).

**Switch control on:** Activate ON/OFF pushbutton (5) and verify that the "on" LED (6) comes on.

**Raise volume:** To increase the music level activate Volume + key (1). The "on" led (6) will blink on and off whilst the key is pressed or until the maximum volume is reached.

**Lower volume:** To reduce the music level activate Volume – key (2). The "on" led (6) will blink on and off whilst the key is pressed or until the minimum volume is reached.

**Superbass function:** If you wish greater bass enhancement, press key (7) to activate this function. The "sb" led (8) will turn green to indicate that it has been activated.

**Switch control off:** To switch the control off briefly press the ON/OFF pushbutton (5) and verify that the "on" LED (6) has gone off.

**SLEEP function:** If you wish to activate the SLEEP function (timed off) instead of briefly pressing it (which makes it turn off immediately) keep the key pressed until the "on" LED blinks on and off, thus indicating the activation of SLEEP. The control will go off automatically after about 30 minutes. If with SLEEP activated we press the ON/OFF key again, the control will go off immediately.

**Note:** When SLEEP is activated all the other control functions remain operative.

**SCAN function:** If the music signal comes from a SONELCO tuner and the SCAN line is connected, the station can be selected by applying the SCAN pushbutton (9) (the "on" led (6) will blink on and off whilst the key is depressed).

Note: The application mode of the SCAN function depends on the tuner used. See relative Technical Information on the tuner.

**Earphones:** If you wish to listen to music through earphones, use connector (4). When the earphone jack is inserted the speakers will automatically be disconnected.

**Walkman:** If you wish to reproduce a local sound source (Walkman type) through the control and speakers use connector (3). You will need the correct connection cable to connect it to the earphone output of your walkman (see our catalogue or purchase it from any sound or electronics shop). When the Walkman is connected, the music from the main unit will automatically be disconnected, regardless of the channel selected, and the music from the local sound source will be heard.

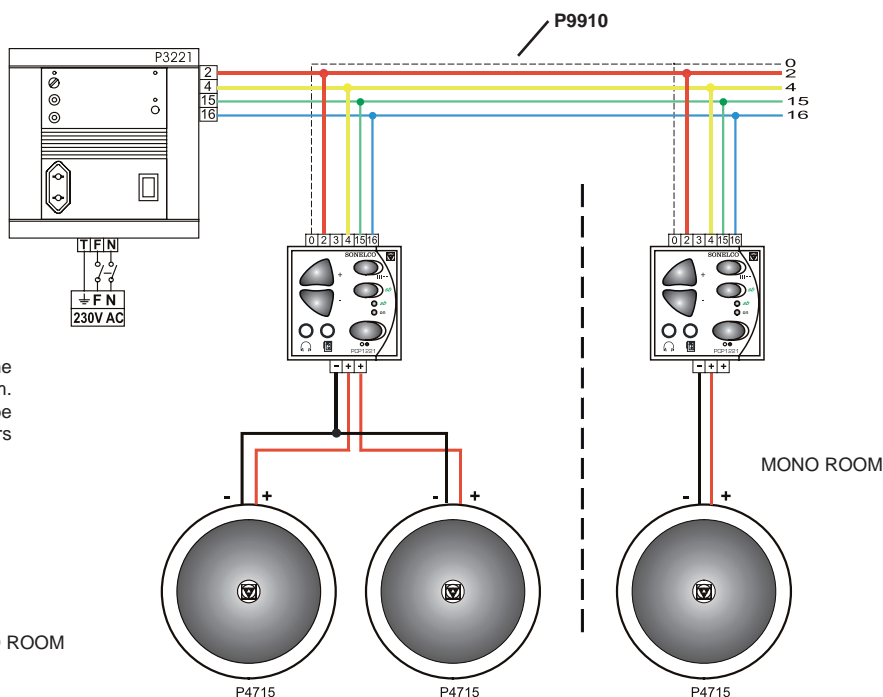
## TECHNICAL CHARACTERISTICS

Supply voltage: 16 V DC  
 Maximum consumption: 380 mA  
 Minimum consumption: 25 mA  
 Rated output power: 1+1 W RMS  
 Output impedance: 8 Ohm  
 Maximum output power: 1.5+1.5 W RMS  
 Maximum output current (Terminal 3): 2 A  
 Frequency response: 80 Hz-20 KHz. (-3dB)  
 Distortion: <1%  
 Signal/Noise ratio: >75 dB  
 Input sensitivity (Terminals 5, 6.): 1.4 V  
 Walkman input: 400 mV  
 Crosstalk: 41dB  
 Earphone output: 1+1 W/8 Ohm

**Dimensions (L x W x D): 45x45x45 mm**  
**Weight: 53 grams**

## INSTALLATION EXAMPLE

**CENTRALISATION:** Any type of main unit or our modular system can be used for power supply and audio inputs



Apart from the speakers fitted on the diagram, any other kind of 8 Ohm. speaker from our catalogue can be installed, as well as active speakers and power amplifiers.

**ASSEMBLY RECOMMENDATIONS:** All the "Prestige Line" series models can be put into place in various types of flush fitted boxes, for which we have several types of front frames available, that can be delivered separately. For further details please [www.sonelco.com](http://www.sonelco.com)