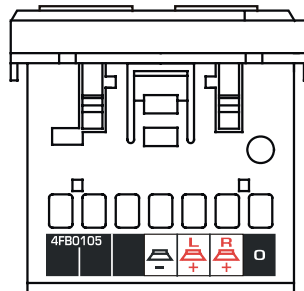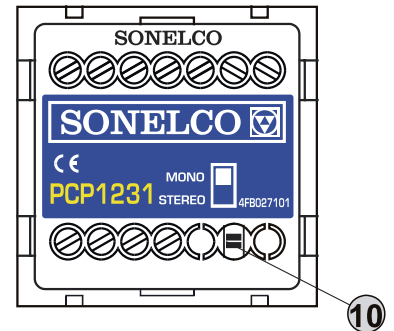4FA022401   **VERIFICADO**

DIGITAL ADJUSTMENT CONTROL - PCP1231
1/2 STEREO MUSIC CHANNELS

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 pushbutton
6 - Operation indicator light
7 - Music channel indicator light
8 - Music channel change pushbutton
9 - SCAN pushbutton
10 - MONO / STEREO switch

DESCRIPTION

1+1 W stereo amplified control with digital volume adjustment, possibility of selecting two music channels, LOUDNESS, SUPERBASS, SCAN and 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.
- Integrated audio processor.
- Microprocessor-controlled progressive Loudness and Superbass.
- SCAN function, (remote change of radio station in a SONELCO tuner)
- SLEEP function (the control switches itself off after 30/60 minutes)
- Selection of two music channels, with light indicating channel selected.
- 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 system's main power supply unit is switched off. Insert the control in the metal base plate and make the connection according to the following instructions:

TERMINALS

1	-	SCAN. Connect to Scan line
2	-	Input + 16V supply
3	-	Output + 16 V, after switch
4	-	Ground
15	-	Left channel audio 1 input
16	-	Right channel audio 1 input
25	-	Left channel audio 2 input
26	-	Right channel audio 2 input
-	-	Common ground for speakers
L+	-	Output for left speaker
R+	-	Output for right speaker

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 are two audio sources connected to the main unit (tuners or another external audio source). If a 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). Apply ON/OFF pushbutton (5) and make sure the ON LED (6) comes on. Keep the Volume + key (1) pressed until the music is heard at desired level and let it go. To lower the music level apply Volume - key (2).

Switch control on: Apply ON/OFF pushbutton (5) and verify that the "on" LED (6) has come on.

Turn volume up: To increase the sound level of the music apply Volume + key (1). The "on" led (6) will flash whilst this key is pressed or until the maximum volume is reached.

Turn volume down: To reduce the sound level of the music apply Volume – key (2). The "on" led (6) will flash whilst this key is pressed or until the minimum volume is reached.

Superbass function: The default control comes with the Loudness option ("on" led (6) on red); if you want greater bass enhancement, apply volume + (1) and volume – (2) keys at the same time, thus activating the Superbass function ("on" led (6) will turn green).

Switch control off: To switch the control off, lightly press the ON/OFF pushbutton (5) and verify that the "on" LED (6) goes off.

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

Note: Whilst the SLEEP function is activated, all the other functions of the control will remain operative.

SCAN function: If the musical signal comes from a SONELCO tuner and the SCAN line is connected, the station can be selected by applying the SCAN button (9) (the "on" led (6) will flash whilst the key is pressed down).

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

Activate 2nd channel: When the control is connected, by default music channel 1 is selected, which is indicated by LED (7) being off. If we wish to listen to channel 2 we will press key (8). Channel 2 is selected by means of LED (7), which comes on. To return to channel 1 just press the key again.

Earphones: If you wish to listen to the music through earphones, use connector (4). When the earphone jack is inserted the speakers will automatically disconnect.
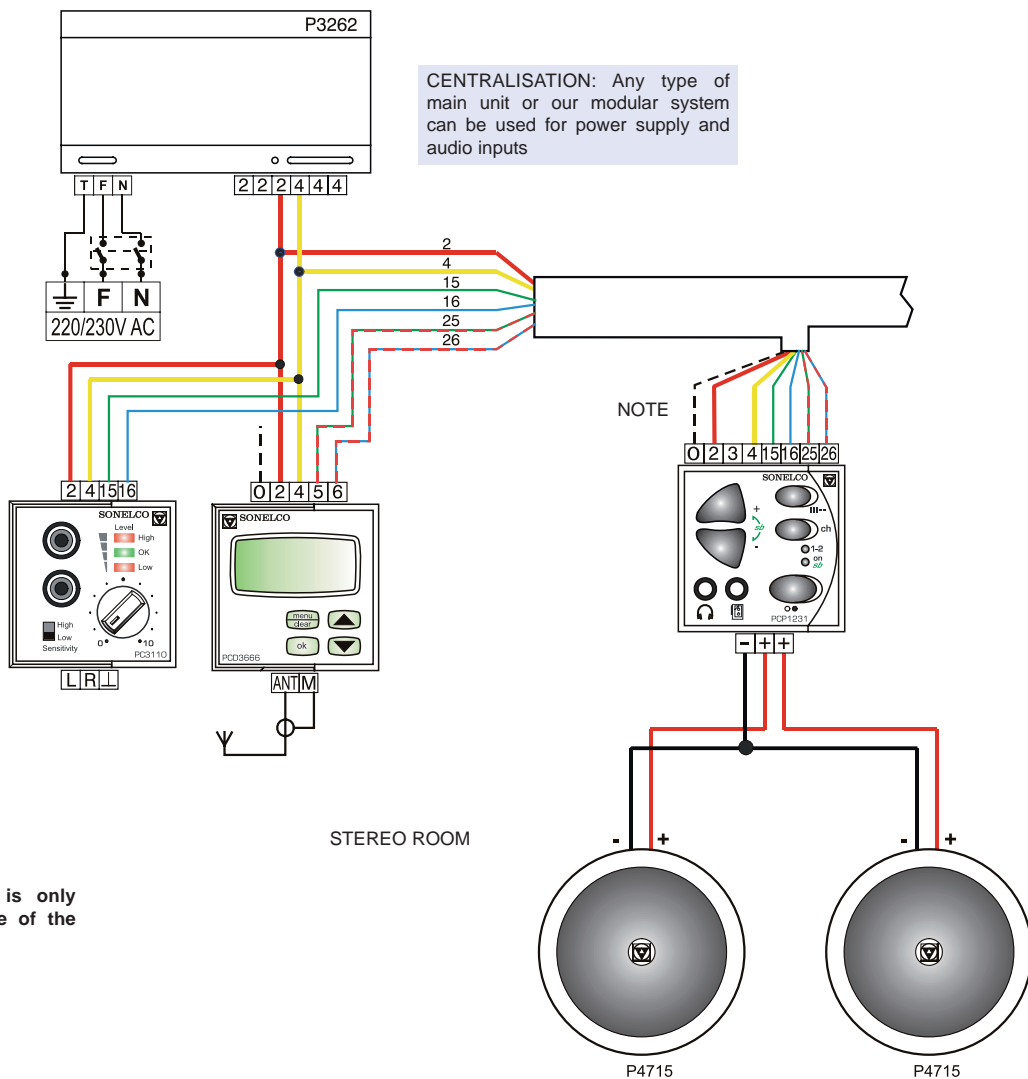
Walkman: If you wish to reproduce a local sound source (Walkman type) through the control and speakers use connector (3). You will need the correct connection cable to connect it to the earphone output of your walkman (see our catalogue or purchase it from any sound or electronics shop). When the Walkman 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: 370 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
Distortion: <1%
Maximum output current (Terminal 3): 2 A
Frequency response: 92 Hz-21 KHz. (-3dB)
Signal/Noise ratio: >76 dB
Input sensitivity (Terminals 15, 16, 25, 26): 1.4 V
 Walkman input: 400 mV
Crosstalk: 40dB
Earphone output: 1+1 W/8 Ohm

Dimensions (L x W x D): 45x45x45 mm
Weight: 50 grams

INSTALLATION EXAMPLE

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

NOTE

STEREO ROOM

NOTE: The SCAN line is only necessary when any one of the SONELCO tuners.

P4715   P4715

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**