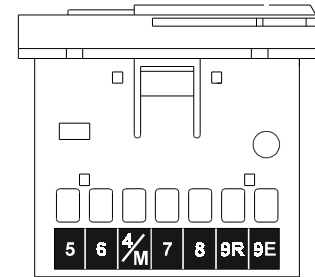
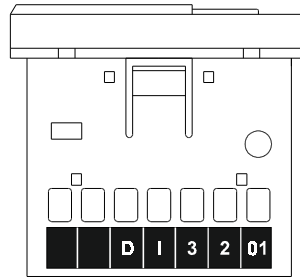
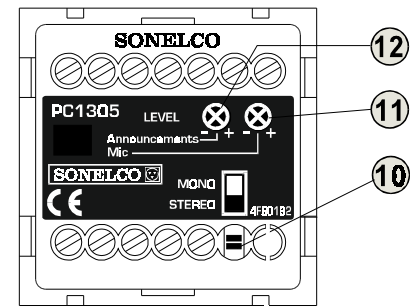


- 1 - Raise volume push-button 2 - Lower volume push-button 3 - Microphone 4 - 3.5 mm jack connector for earphone output 5 - ON/OFF SLEEP push-button 6 - Operation indicator light 7 - Message receipt indicator light 8 - General call push-button 9 - SCAN push-button 10 - MONO / STEREO switch 11 - Message receipt level adjustment 12 - Microphone level adjustment



DESCRIPTION

1+1 W stereo amplified control with digital volume adjustment, message receipt and transmission, SCAN-SLEEP function and output for earphones.

GENERAL CHARACTERISTICS

- Electronic ON/OFF switch
- LED type operation indicator light
- 32-step digital volume control with memory of the selected position when the control is switched off.
- 1+1 W stereophonic amplifier with output for standard 8 Ohm speaker
- SCAN function, (remote change of radio station in a SONELCO tuner)
- SLEEP function (the control switches itself off after 30/60 minutes)
- Message receipt, even when the control is switched off.
- Adjustable message receipt volume regardless of the volume selected for the music.
- Message transmission, with built-in microphone and push-button.
- Rear adjustment of microphone level.
- LED type message receipt indicator light
- Output for stereo earphones, with disconnection of speakers.
- 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

- 01** - SCAN. Connect to Scan line
- 2** - Input + 16V supply
- 3** - Output + 16 V, after switch
- 4/M** - Ground common for speakers
- 5** - Left channel audio input
- 6** - Right channel audio input
- 7** - Message audio input/output
- 8** - Zone selection input. Connect with relative zone wire Zx (in the case of messages by zones)
- 9R** - General call input. Connect to wire 9 (if you wish to receive general call)
- 9E** - General call output. Connect to wire 9 to transmit general call or to wire Z0 for star intercommunication
- I** - Output for left speaker
- D** - 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 is an audio source connected to the main unit (a tuner 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 push-button (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).

To switch the control off, briefly depress the ON/OFF pushbutton (5) and check that the ignition LED (6) goes out. If you wish to activate the SLEEP function (timed off), instead of briefly pressing the pushbutton (which makes it go off straightaway), keep the key depressed until the ignition LED (6) starts to blink on and off quickly, thus indicating the activation of SLEEP lasting for 30 minutes. If you wish to activate the 60 minutes SLEEP just keep the ON/OFF key (5) depressed until the LED (6) starts to slowly blink on and off. During the first 30 minutes the ignition LED (6) will blink on and off slowly, and then the blinking will get quicker, lasting for a further 30 minutes, until the control switches off.

If the music signal comes from a SONELCO tuner and the SCAN line is connected, the station can be selected by applying SCAN push-button (9).

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

From another message transmitting control make a call to this zone and check that the message is heard correctly. During the message receipt the message indicator (7) must come on. The message receipt level is pre-set in the factory at an intermediate position. If necessary you can change it by adjusting with a screwdriver at (9) at the rear of the control. To send a message just press the call key (8) and talk at a about 30 or 40 cm away from the microphone (3). The microphone level (12) is pre-set in factory for this distance, but it can be changed by the user to adapt it to his/her particular needs.

When making a call from our control the music level is considerably reduced in our zone to prevent this from being picked up by the microphone.

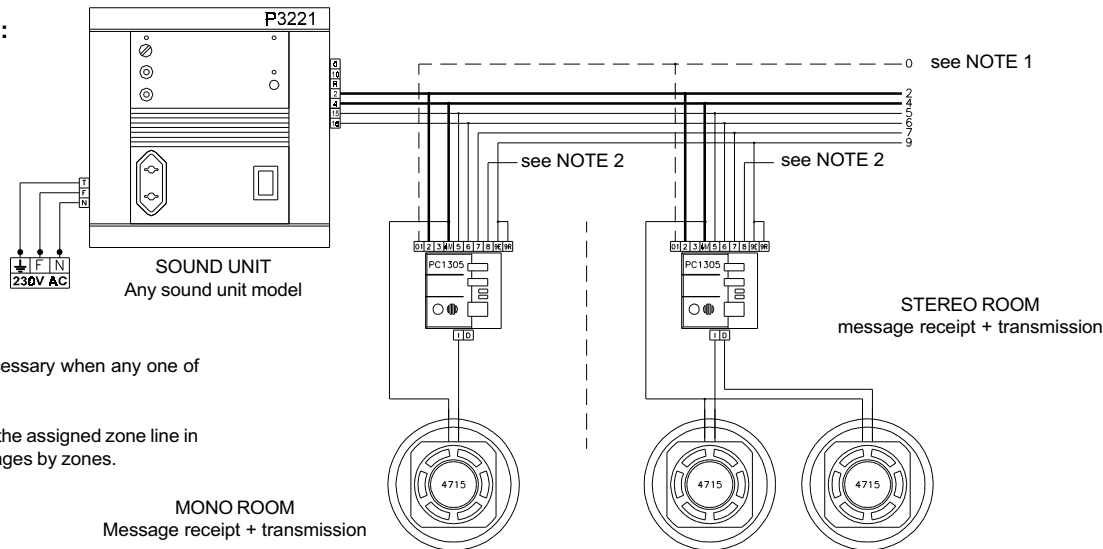
When our message is over the previous music level is re-established. If you wish to listen to music through earphones, use connector (4). When the earphone jack is inserted the speakers will automatically be disconnected.

Maximum output current (Terminal 3): 2 A
 Frequency response: 70 Hz-23 KHz. (-3dB)
 Signal/Noise ratio: >70 dB
 Input sensitivity (Terminals 5, 6, 7): 1.5 V
 Crosstalk: 70dB
 Microphone:
 Omnidirectional directivity
 Response: 70 Hz - 23 KHz
 Earphone output: 1+1 W/8 Ohm
 Rated input level for message commutation 15 V
 Dimensions (L x W x D): 45x45x45 mm
 Weight: 60 grams

TECHNICAL CHARACTERISTICS

Supply voltage: 16 V DC
 Maximum consumption: 350 mA
 Rated output power: 1+1 W RMS
 Output impedance: 8 Ohm
 Maximum output power: 1.5+1.5 W RMS

INSTALLATION EXAMPLE:



NOTE 1: The SCAN line is only necessary when any one of the tuners SONELCO.

NOTE 2: Terminal 8 is connected to the assigned zone line in the event that the system has messages by zones.

ASSEMBLY RECOMMENDATIONS: All the "COMPACT" series modules can be fitted on different types of flush-boxes (cases 1, 2 and 3 indicated below), for which we have 3 types of front frames, which are supplied separately.

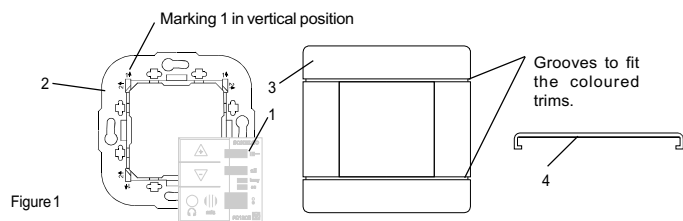


Figure 1
 KC9200-01 (WHITE) KC9200-02 (ANTHRACITE GREY)

1 - FRONT SQUARE FRAME FOR UNIVERSAL BOX: To assemble the control correctly, place the base plate as shown in figure 1, with marking 1 in vertical position

In this position, gently place control (1) over base plate (2) until a click is heard. After connecting and carrying out operation tests, secure the base plate to the flush-box.

Finally fit the outside frame (3) pressing on the base plate, until it is correctly adjusted. If trims (4) are mounted, do this before fitting the frame, first inserting one of the ends into the groove and pressing to insert it completely.

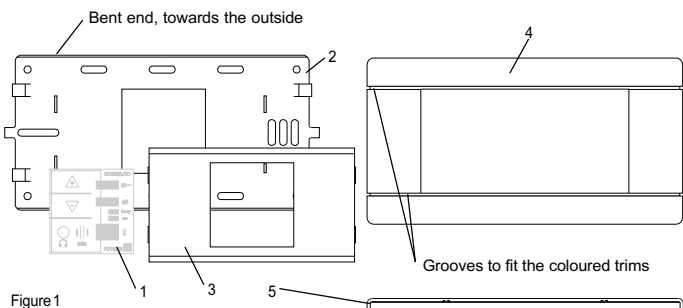


Figure 1
 KC9201-01 (WHITE) KC9201-02 (ANTHRACITE GREY) KC9201-03 (TWO TONE)

2 - RECTANGULAR FRONT FRAME FOR "SONELCO" BOX 4901 or DOUBLE UNIVERSAL BOX (Adaptation for 1 module): To assembly the control, place the base plate as shown in figure 1, with the bent edge towards the side where the control is inserted.

In this position, gently place control (1) over base plate (2) until a click is heard. Then fit adapter (3) onto the control and press onto the base plate until another click is heard. After making the connection and carrying out the operation tests, secure the base plate onto the flush-box.

Finally fit the outside frame (4) pressing on the base plate until it is adjusted. If trims (5) are mounted, do this before fitting the frame, first inserting one of the ends into the groove and pressing to insert it completely.

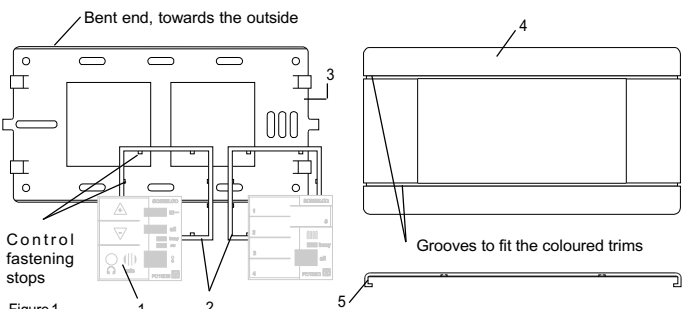


Figure 1
 KC9202-01 (WHITE) KC9202-02 (ANTHRACITE GREY) KC9202-03 (TWO TONE)

3 - RECTANGULAR FRONT FRAME FOR "SONELCO" BOX 4901 or DOUBLE UNIVERSAL BOX (Adaptation for 2 modules): To assembly the control correctly, place the base plate as shown in figure 1, with the bent edge towards the side where the control is inserted.

In this position, gently place control (1) onto base plate (2), until a click is heard. Then fit adapter (3) onto the control and press onto the base plate until another click is heard. After making the connection and carrying out the operation tests, secure the base plate onto the flush-box.

Finally fit the outside frame (4) pressing on the base plate until it is adjusted. If trims (5) are mounted, do this before fitting the frame, first inserting one of the ends into the groove and pressing to insert it completely.