

- 1- Display 2- Earphones output
- 3- MENU/ CLEAR button 4- OK/CALL button 5- Increase volume button
- 6- Decrease volume button
- 7- PCD1380 (area extension) connector
- 8- Vox control level regulation potentiometer. 9- Mono/ stereo switch
- 10- Call audio level regulation potentiometer.

DESCRIPTION

2 stereo channel with superbass control, general call and by areas, automatic reply, surveillance, scan, clock-calendar and alarm clock, auto switch-off and function visualisation by means of retroilluminated liquid crystal.

GENERAL CHARACTERISTICS

- 1- **7 character alphanumeric display with the following icons:**
 - 1.1 Microphone, activated when making a call and during emission surveillance or emitting in autoreply hands free.
 - 1.2 Activated during reception surveillance
 - 1.3 Activated during emission surveillance and emitting
 - 1.4 Activated when reception surveillance and receiving
 - 1.5 Indicates that the alarm clock function is active
 - 1.6 Activated when we select no disturb
- 2. **Volume** (100 positions), balance (19 positions), bass (100 positions), treble (100 positions), channel (1 or 2) and superbass (yes or no), adjustable and kept until the next time it is switched on while supply is not cut.
- 3. **Ideal sound** (channel, superbass, volume, balance, bass and treble), programmable and kept even when supply is cut off.
- 4. **Number and name** of up to 20 areas (or 78 areas with PCD 1380) to carry out a call.
- 5. **"Do not disturb" function**, preventing the arrival of any call except the surveillance if the reception surveillance function or the alarms (if existing) are selected.
- 6. **Call not possible.** Visualisation of the reason for which a call was not made:
 - 6.1 Attempting to make a call in our same area.
 - 6.2 Entryphone is using the channel .
 - 6.3 The calls are disabled in this area.
 - 6.4 The general call is disabled in this area.
 - 6.5 The destination area is in a "do not disturb".
 - 6.6 The destination area is busy.
 - 6.7 Another area is using the channel.
 - 6.8 Area 1 does not exist
- 7- **Calling.** Visualisation that we are making a call by means of the activation of the microphone icon.
- 8. **Audio volume in calls**, adjustable by means of potentiometer.
- 9. **"Vox-control" level.** Audio level necessary to start-up the adjustable vox control using a potentiometer.
- 10. **"Hands-free"** auto reply to a call, activated by vox control or during a fixed period of ten seconds and signalled by a slight beep.
- 11. **Audio level when receiving notifications**, adjustable by using the up/down buttons at the moment of receiving the notification.
- 12. **Remote scan.** Change of remote station on Sonecco tuners, with a possibility of reserving a channel in order not to be able to change the station from another control, with frequency visualisation if we make the scan on a PCD3666 tuner using the bus.
- 13. **Switching off the rest of the installation controls**
- 14- **Surveillance in emission**, activated by vox control or permanent, and signalled with the permanent microphone icon, and with the loudspeaker icon when the emission is being produced.
- 15- **Surveillance in reception**, signalled with the icon, with the and the number and the name of the broadcasting area when the reception is being produced
- 16- **Clock calendar**, with hours, minutes, day of the month, month, year, and day of the week.
- 17- **Programmable alarm clock**, with days of the week, with a beep or with music.
- 18- **Sleep**, programmable auto switch-off, 30, 60 or 90 minutes.
- 19- **Disabling of communications.** Possibility of disabling communication with the Entryphone, the calls, the general call, the surveillance in emission and the surveillance in reception.
- 20- Re-start up of all the parameters to the default values.

CONNECTIONS

Before carrying out the connection, make sure that the installation supply unit is switched off. Insert the control in the metallic chassis and carry out the connections in accordance with the following indications:

TERMINALS	
01- SCAN. Connect to the Scan line.	25 - Channel input 2 - left
2 - Input + 16 V supply	26 - Channel input 2 - right
3 - Output + 16V after the switch	COM+ communications bus
4 - Ground	COM- communications bus
7 - Paging audio input and output	L - Left loudspeaker output
15 - Channel input 1 - left	R - Right loudspeaker output
16 - Channel input 1 - right	

NOTE: The system cabling should be installed separately from the mains supply in accordance with regulations

FUNCTIONING

When giving supply to the control, the model, the version, the date of the version and the manufacturer is sequentially visualised.

When the control is switched off, the time is visualised without lighting up the display (**HH : MM**), and switches on when touching any button except the **OK/CALL**, the display lighting up and sequentially visualising the channel (**CHANN X**) and the volume (**VOL XX**) the time (**HH : MM**) being shown once again.

If the **OK/CALL** button is pressed, we will make a general call whether the control is with music or not, visualising at this moment the microphone icon and the information that we are making a general call (**GENERAL**). If the call is not possible, the display will show why, as indicated in general characteristic 6.

The up/down buttons initially allow us to regulate the level of music, visualising the volume level (**VOL XX**).

Keeping the **MENU** button pushed down for more than two seconds, the music is switched off.

The remaining functions are carried out using a menu which we may call up using the **MENU** button, the up/down buttons are used for moving through all the possible values of a parameter, or amongst all the options of a menu, confirming the value or option selected by the **OK** button.

Once in the menu, the **MENU** button will be used to go back to the previous level. Obviously, whilst we are in the menu, we cannot make general calls.

In the call menu, the number of the area to be called can be selected, and on pressing **OK**, we communicate with the same, or the display will indicate why we have not been able to establish communication. When we are receiving a call, or we are in reception surveillance, and an emission is produced from another control that is in emission surveillance, the display will show "**ZONE XX**". **XX** being the calling area or that which emits. By pressing the **OK** button, we can answer area **XX**.

If we receive the call from an Entryphone through the P1490 interface, the display will show "**DOOR X**", **x** being the number of the door. If we press the **OK** button, we can talk and when we stop pressing it, we can listen. With the up/down buttons, the volume of the call beep can be modified, and on pressing the **MENU** button, the display will show **OPEN Y**, being able at that time to press **OK** to open or push up or down. The display will then show **OPEN N** and with **OK** we cancel the operation.

If we do not interact with the Entryphone for one minute, the operation will also be cancelled.

The menus are the following:

MAIN MENU

- 1- Audio menu (**AUDIO**)
- 2- Call menu (**PAGING**)
- 3- Status menu (**STATUS**)

1 AUDIO MENU

1.1 Scan (Confirm with OK) (**SCAN**)

In the event that we carry out the scan on a PCD3666 by means of the bus we will visualise the frequency of the station

1.2 Channel (**CHANN**)

- 1.2.1 Change between channel 1 and 2 with up/down and OK (**CHANN1 / CHANN2**)

1.3 Ideal (confirm with OK) (**IDEAL**) Puts the audio in the ideal sound programme

1.4 Superbass (**SBASS**)

- 1.4.1 Change from YES to NO with up/down and OK (**SBASS Y / SBASS N**)

1.5 Bass (**BASS**)

- 1.5.1 Increase/decrease level with up/down (**BASS 00... BASS 99**)

1.6 Treble (**TREBLE**)

- 1.6.1 Decrease/decrease level with up/down (**TREB 00 ... TREB 99**)

1.7 Balance (**BALANCE**)

- 1.7.1 Move to right/left with up/down (**BAL LE9 ... BAL LE1 ... BAL 0 ... BAL RI1 ... BAL RI9**)

2 PAGING MENU

2.1 Increase/decrease number of area of destination with up/down and OK (**01NO01 ... 20 no20**) where NO01 is the name of area number 1 and no20 is the name of area number 20.

3 STATUS MENU

3.1 Announcements (**ANNOUNC**)

- 3.1.1 Change from YES to NO (do not disturb) with up/down and OK (**ANNOU Y / ANNOU N**)

3.2 Surveillance (**SURVEILLANCE**)

- 3.2.1 Change between no surveillance in this area, no surveillance in any, transmitter by vox control, permanent transmitter and receptor with up/down and OK (**NO HERE / CANCEL / TRA VOL / TRA PER / RECEIVE**)

3.3 Alarm Clock (**ALARM**)

- 3.3.1 Change from deactivated to activated with beep or activated with music with up/down and OK (**NO / BEEP / MUSIC**)

3.3.1.1 If BEEP or music have been selected, change hours and minutes with up/down and OK (**HH:MM**)

- 3.3.1.1.1 Activate / deactivate for each day of the week with up/down and OK (**MOND Y / MOND N**)
(**TUESD Y / TUESD N**)(**WEDN Y / WEDN N**)
(**THURS Y / THURS N**) (**FRID Y / FRID N**)
(**SATUR Y / SATUR N**) (**SUND Y / SUND N**)

3.3.1.1.1.1 If we have selected BEEP change volume of beep with up/down and OK (**ALARM 40 ... ALARM 99**)

3.4 Automatic switch-off (**AUTO-OFF**)

- 3.4.1 Change between 30', 60', 90' and NO with up/down and OK (**SLP30 / SLP60 / SLP90 / SLP NO**)

CONFIGURATION MENU (Press the menu button and down sequentially, kept both pressed for two seconds as from having pressed the first)

1 Number of assigned area (area)

1.1 Increase/decrease area number with up/down and OK (ZONE 01 ... ZONE 78). If we attempt to assign an area that has already been assigned to another module, the display will indicate "busy".

NOTE: A module with the area 1 number should always exist in all installations, and there should never be two areas with the same number.

2 Area name (name)

- 2.1 Increase/decrease each letter of the name with up/down and OK.

3 Adjust time (time)

- 3.1 Change hours and minutes with up/down and OK (**HH:MM**)

4 Adjust date (date)

- 4.1 Change day, month and year with up/down and OK (**ddmmyy**)
4.1.1 Visualise day of the week

5 Maximum number of areas (MAX ZON)

- 5.1 Change number of areas and visualise by menu with up/down and OK (**MX-Z 02...MX-Z 20**)

6 Auto reply (AUT ANS)

- 6.1 Change between disabled, enabled with vox control and enabled for 10 seconds with up/down and OK. (**NO / VOLUME / TIME**)

7 Entryphone (DOOR OP)

- 7.1 Change from enabled to disabled with up/down and OK (**DOOR Y / DOOR N**)

8 Calls (calls)

- 8.1 Change from enabled calls to disabled with up/down and OK (**PAGING Y / PAGING N**)

9 General call (Gen call)

- 9.1 Change from enabled general call to disabled with up/down and OK (**GEN C Y / GEN C N**)

10 Emission surveillance (SUR TRA)

- 10.1 Change from enabled emission surveillance to disabled with up/down and OK (**SUR T Y / SUR T N**)

11 Reception surveillance (SUR REC)

- 11.1 Change from enabled reception surveillance to disabled with up/down and OK (**SUR R Y / SUR R N**)

12 Record current audio as ideal (confirm with ok) (**IDEAL**)

13 Turn off rest of controls (confirm with ok) (**ALL OFF**)

14 Remote power on (REM ON)

- 14.1 Change between no, yes and only if was on during the last remote power off with up/down and OK (**NO / YES / REM OFF**)

15 Tuner reserve for control (reserve)

- 15.1 Change between no tuner , tuner 1 and tuner 2 reserved with up/down and OK. (**NO / tuner 1 / tuner 2**)

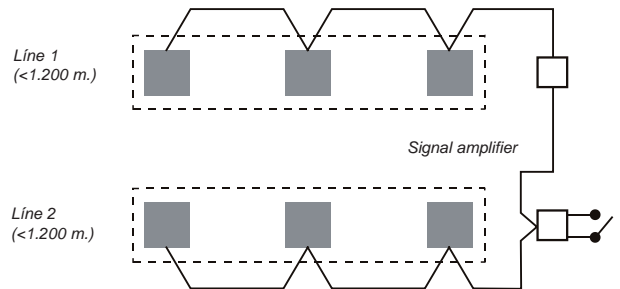
16 Set the control parameters as new (confirm with OK) (**RESET**)

INSTALLATION RECOMMENDATIONS

1 - These types of controls need to be installed in one only line, with no deviations.

2 - For a perfect performance, maximum length of the line shall be under 1200 m.

3 - In the event of having done an installation with deviations or unions, we advice to install a bus repeater module PCD3815



TECHNICAL CHARACTERISTICS

Supply voltage: 16VDC

Maximum consumption: 475mA; standby consumption: 50 mA.

Nominal output power: 1+1W RMS; output impedance: 8Ohm

Maximum output power: 1.5+1.5W RMS

Distortion < 1%

Maximum output current (terminal 3): 2 A

Frequency response: 90Hz-18KHz (-3dB)

Signal/noise ratio: >55 dB

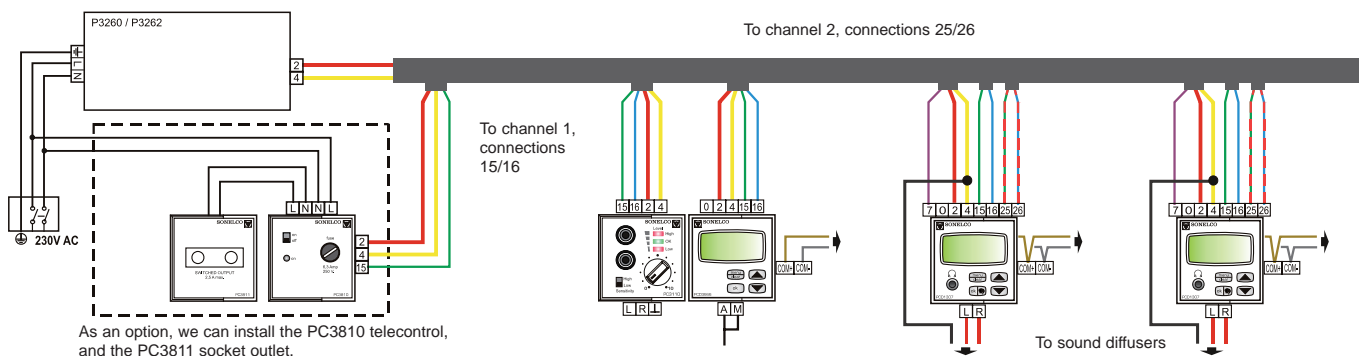
Input sensitivity (Terminals 15, 16, 25, 26): 1.1 V

Crosstalk: 38 dB

Audio message input sensitivity (Terminal 7): 1.2 V

Earphones output: 8mW/8 Ohm.

INSTALLATION EXAMPLE



As an option, we can install the PC3810 telecontrol, and the PC3811 socket outlet.

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.

These characteristics are only given as reference. The manufacturer reserves the right to introduce any amendments without prior notice in order to improve the product.

REVISADO
Por GERARDO fecha 14.22, 04/02/2008