

4FA023101

## HANDS-FREE INTERCOM - IA2000

### SYSTEM COMPONENTS

**IA 202 - External microphone module.** This is placed outside the booth. It is advisable to place it on the bottom part, directed in such a way that it correctly captures the sound of the person who is talking outside the booth.

- Omnidirectional electret microphone
- Dimensions: 45 x 20 x 35 mm

**IA 203 - External speaker module.** This is placed outside the booth. It is advisable to place it on the upper part, directed in such a way that it can be heard correctly by the person outside the booth, but so that the sound is not captured by the external micro IA-202.

- Adjustable bracket
- Omnidirectional electret microphone
- Dimensions: 0 x 50 x 40 mm.

**IA 205 - Acoustic projector for exterior.** Comprised of a cylinder in white-coloured ABS thermoplastic with stainless steel fastening fixtures and a siliconed double-cone speaker.

- 8 cm 8 Ω speaker, with 5W RMS rated power / 10W max. power.
- 90dB/W/m acoustic pressure.
- Dimensions: 90 x 120 mm.
- Weight: 55 grams.

**IA 210 - Internal terminal.** It incorporates the control electronics, amplification and connections for the external modules. It has an interior microphone and speakers as well as "mute" and external level duplication pushbuttons. This module must be installed inside the booth, close to the workstation.

**P3230 - 30W Feeder.** Included with control module IA-210..

**P4715 - 4" external speaker.**

To be installed in flush-mount box P4904, the hole required must be Ø 160mm, with minimum depth of 65 mm.

For installation in false ceilings or walls, the hole required must be Ø 145 mm, with minimum depth of 65 mm.

Wideband speakers with support piece to fit "Grille centres" P4281 and P4282.

Impedance: 8 Ohm

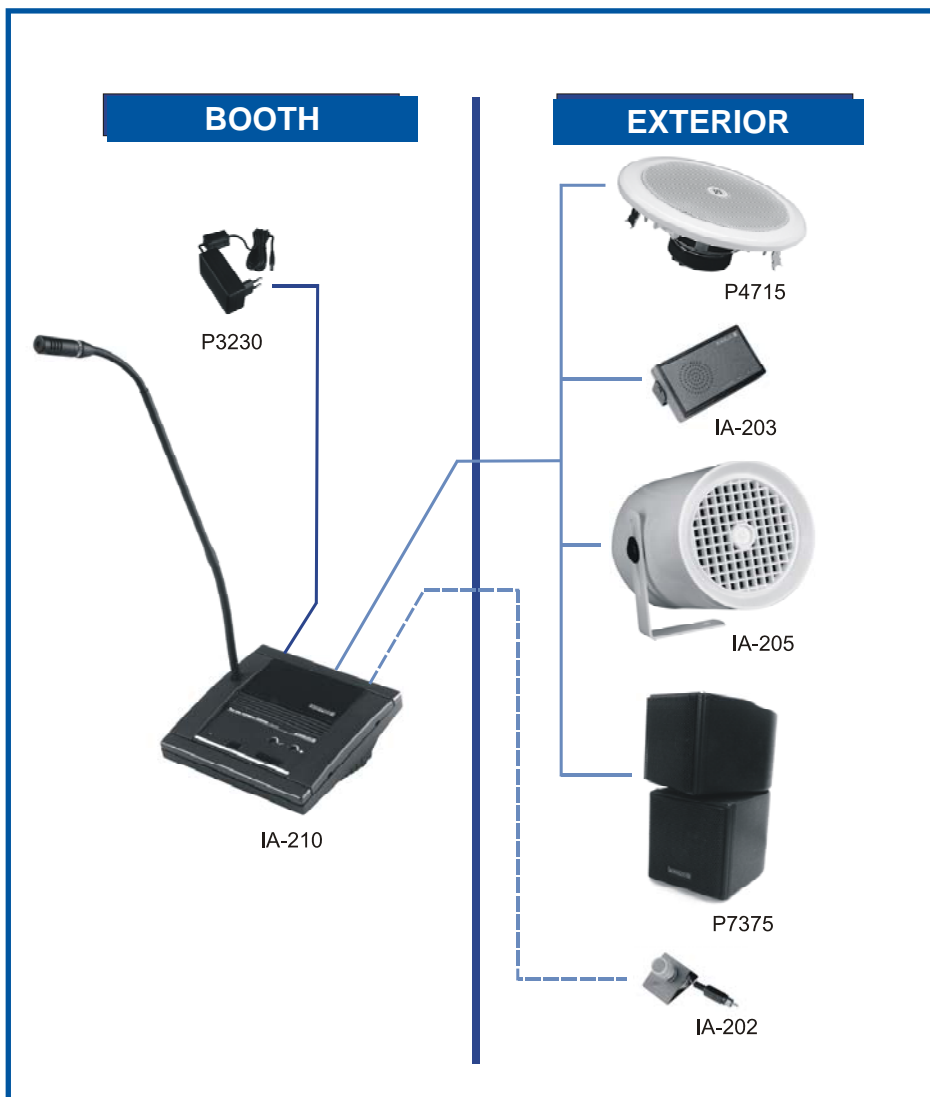
Rated Power: 7W-RMS 15 W Max. Power

Dimensions: 174 x 62 mm.

**P7375 - External 2-way passive baffle.** Unit with acoustic box, 3½" bass speaker and 14 mm adjustable tweeter in black.

-Dimensions: 183x100x113 mm.

### INSTALLATION EXAMPLE



## IA 210

### Front part

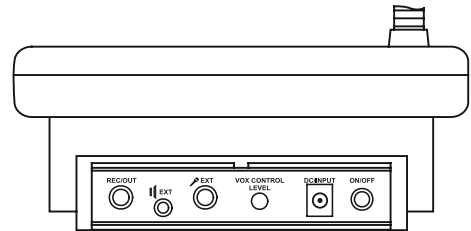
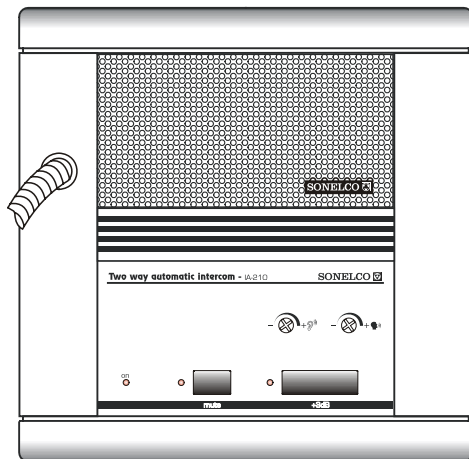
- External audio signal increase pushbutton by +3dB
- MUTE pushbutton and Led
- ON/FF led
- Internal volume adjustment
- External volume adjustment

### Rear part

- ON/OFF switch
- Power supply input connector.
- Vox Control trip level adjustment potentiometer
- CINCH connector to connect it to module IA-202.
- 3.5 mm jack connector to connect it to module IA-203.
- Audio output CINCH connector. To connect to external recorder.

### TECHNICAL CHARACTERISTICS

- Power supply: 15V DC 1A
- Consumption: <15W
- Output power: 5 W RMS in outside area and 1.5W in inside area.
- Frequency response: 300 Hz - 10 KHz (-3dB)
- Recording output level: 150 mV



## OPERATION

- A) IF THE ON LED DOES NOT LIGHT UP**, verify that the switch is in ON position and that the electricity reaches the socket.
- B) IF THERE IS NO RECORDING OUTPUT**, verify that the connection between the recording output and the unit, which enables us to record, has been made correctly.
- C) IF THERE IS COUPLING BETWEEN INSIDE AND OUTSIDE**, check that the external speaker module (mod. IA-203/205) is not directly facing the internal microphone module (mod. IA-202). Check that the volume potentiometers are below 10 at the same time. If the acoustic separation between the internal box module and the external box module is not good, a speaker module can be coupled to the auxiliary speaker output of module IA-210.