

CONFERENCE AND VOTING SYSTEM - PMC3000



The PMC3000 system is made up to the following elements:

- Onena PMC-300 control centre
 - One PMC-302 Chairman unit that controls the system.
 - PMC-301 units for participants (Delegates)
- The maximum number of delegates is 40.

- **Power Supply units.**

- **PMC3270**

To supply up to 20 units (*)

- **P3230.** Of a maximum of 10 units (*) (*)

- **PMC-306 Connection module**

For installations with more than one power supply.

(*) Consumption based on normal working conditions, with a level of not more than 200 mA per unit.

OPERATING MODES

The system has various operating modes, all of which are established by the Chairman module:

FOUR NORMAL MODES

- Chairman
- Override
- Open
- Auto switch off

TWO SPECIAL MODES

- Voting
- Programming (to be used during installation or in the event of adding or removing any module from the system)

- 8 General audio system line volume regulator.
- 9 Headphones volume regulator.
- 10 Headphones connector
- 11 External speaker connector
- 12 Connectors for the system connection.
- 13 Supply connector.

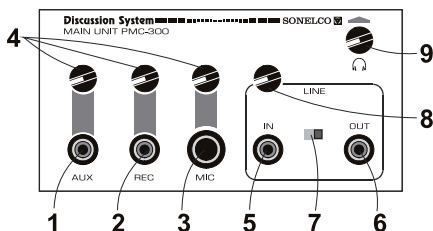
- 4 Internal speaker which is silenced when the microphone is active. (*The speaker volume is adjusted from the main unit for all the modules*)
- 5 "PRIORITY" button for chairman's priority. When pressed, it silences all the delegates modules, returning them to their previous state when released.
- 6 "TALK" request for floor button.
- 7 "MODE" button to select operation mode.
- 8 4 possible operation modes with selected mode indicator led: auto switch-off / open / override and chairman.
- 9 "VOTE" button for voting. (Only in voting mode)
- 10 "Yes" (green) led to indicate affirmative vote.
- 11 "No" (red) led to indicate negative vote
- 12 "abs" (yellow) led to indicate abstention.
- 13 Led indicating that chairman's module is open
- 14 4 leds indicating number of participants with microphone open.
- 15 2 - digit 7 - segment display to count votes placed and to counter number of delegates when the system is initialised.
- 16 Counter, indicating led of votes fulfilled
- 17 Voting, indicating led of number of delegates that have voted.
- 18 Connectors for the system connection.

SYSTEM ELEMENTS

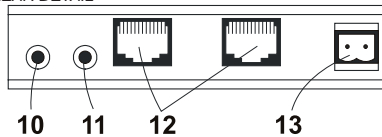


PMC-300
CENTRAL UNIT

FRONT DETAIL



REAR DETAIL

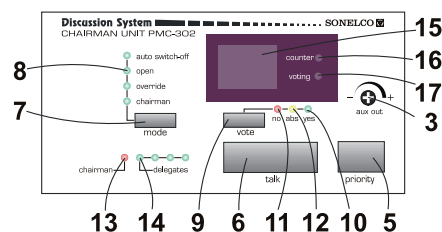


- 1 Auxiliary input
- 2 Recording output
- 3 External microphone input
- 4 Level regulation buttons
- 5 Input for audio processors
- 6 Output for audio processors
- 7 Connection bridge (OPEN, when placed right, CLOSED, when placed left).

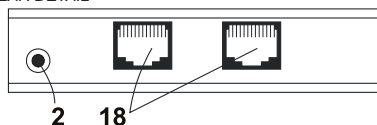


PMC-302
CHAIRMAN'S UNIT

FRONT DETAIL



REAR DETAIL



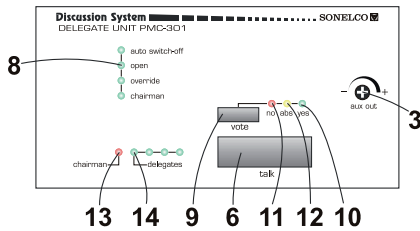
- 1 Microphone with luminous indicator on top, which lights up when it is on.
- 2 Rear auxiliary audio output (jack 3.5)
- 3 Volume regulation for auxiliary audio output



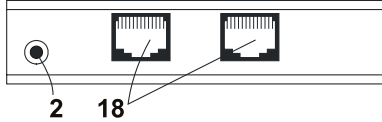
PMC-301
DELEGATE'S UNIT

Identical characteristics to the Chairman's Unit PMC-302, except for the "Priority" and "Mode" functions and the indicator display that are excluded from this module.

FRONT DETAIL



REAR DETAIL



POWER SUPPLY UNITS



**PMC-3270
POWER SUPPLY UNIT**

Switched power supply unit for desktop installation, with similar design and size to the PMC300.

With direct output to supply the system through the main unit PMC-300. Up to 20 units (*) can be supplied with it. If the system is comprised of more than 20 units see enclosed configuration table.

Technical characteristics:

- Supply V.: 180-264V AC/50-60Hz
- Max. power 60 VA
- Output I. 4 A
- Out V. 16 V DC

* Model P3273 can be supplied on order, with similar characteristics and for a voltage of 92-132 V AC / 50-60Hz.



**P3230
POWER SUPPLY UNIT**

Switched power supply unit with European plug to connect directly into the socket. It has a jack to connect in module PMC-306. Up to 10 units can be supplied (*). If the system is comprised of more than 10 units see enclosed configuration table.

Technical characteristics:

- Supply V. 90-264 V AC / 47-63Hz
- Max. power 30 VA
- Output I. 2 A
- Out V 15 V DC



**PMC-306
CONNECTION / EXTENSION MODULE**

This module is necessary when more than one power supply unit is required. In this case, it is inserted between two units of the system to supply 10 additional units.

It can also be used when power supply unit P3230 is used on its own, to connect it to main unit PMC-300.

It includes a 3 m long 8-wire cable and with 2 RJ45 connectors, to make the interconnection to a system unit.

Power supply configuration table

No of modules	Power supply unit	Quantity
≤ 10	P3230	1
	PMC-306 (opcional)	1
11 - 20	PMC-3270	1
	PMC-3270	1
31 - 40	P3230	1
	PMC-306	1
	PMC-3270	1
	PMC-306	2
	P3230	2

Consumption based on most normal working conditions, with a value of no greater than 200 mA per unit.

**OPERATION MODES
CONFIGURATION**

Before the system is used it must be configured in the Chairman's module through the "programming" mode.

PROGRAMMING: To be used only at the time of installation, or if any module is added to or removed from the system.

To enter or exit the programming mode press the "VOTE" + "TALK" keys for more than 10 sec. The delegates and chairman's modules must be activated by pressing the "TALK" key on each one of them successively.

CHAIRMAN: ONLY CHAIRMAN MODE

Only the chairman's module has the floor in this mode. None of the delegates can talk.

VERRIDE: SILENCE MODE

In this mode only the chairman and the last delegate that has requested the floor can speak, by pressing the "TALK" button. So, if another delegate presses the "TALK" button, the microphone of the last one to talk and take the floor will close.

This mode is used in orderly debates, where only one delegate can talk simultaneously. Independently, the chairman may always participate.

OPEN: OPEN MODE WITHOUT AUTOMATIC SWITCH OFF

There can be up to 4 microphones open at a time, apart from the chairman's. The microphones are activated as they are requested, by pressing the "TALK" button. The microphones remain open except when they are closed manually, using the "TALK" key, or automatically, if a 5th delegate wishes to talk. In this case the microphone of the delegate who has been quiet for the longest time is closed.

-This mode is used in debates where greater fluidity is required, permitting several people involved in a discussion to be able to talk without having to wait to request the floor.

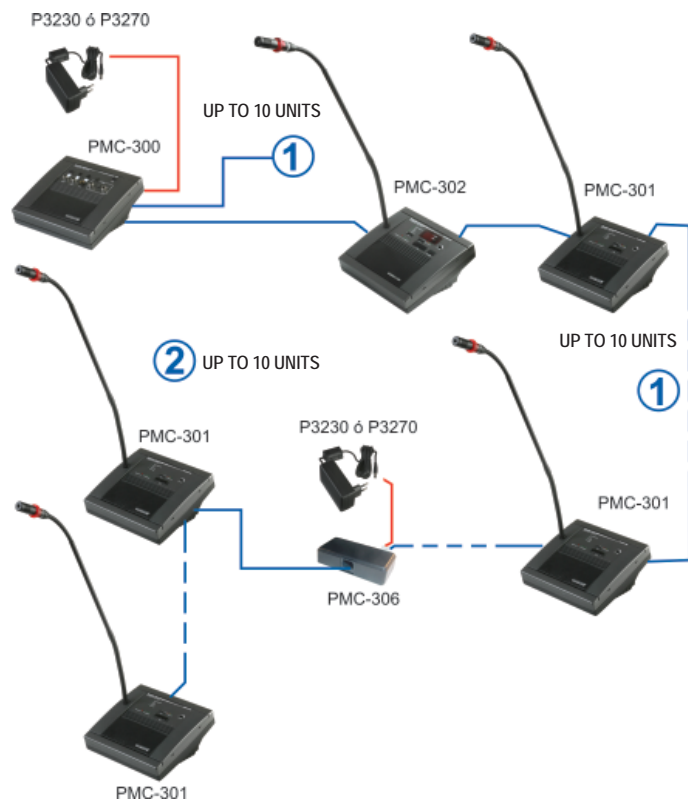
AUTO SWITCH OFF: OPEN MODE WITH AUTOMATIC SWITCH OFF

-This mode is similar to the previous one (Open mode) but with automatic disconnection of the microphones, if they have not been used for 10 seconds.

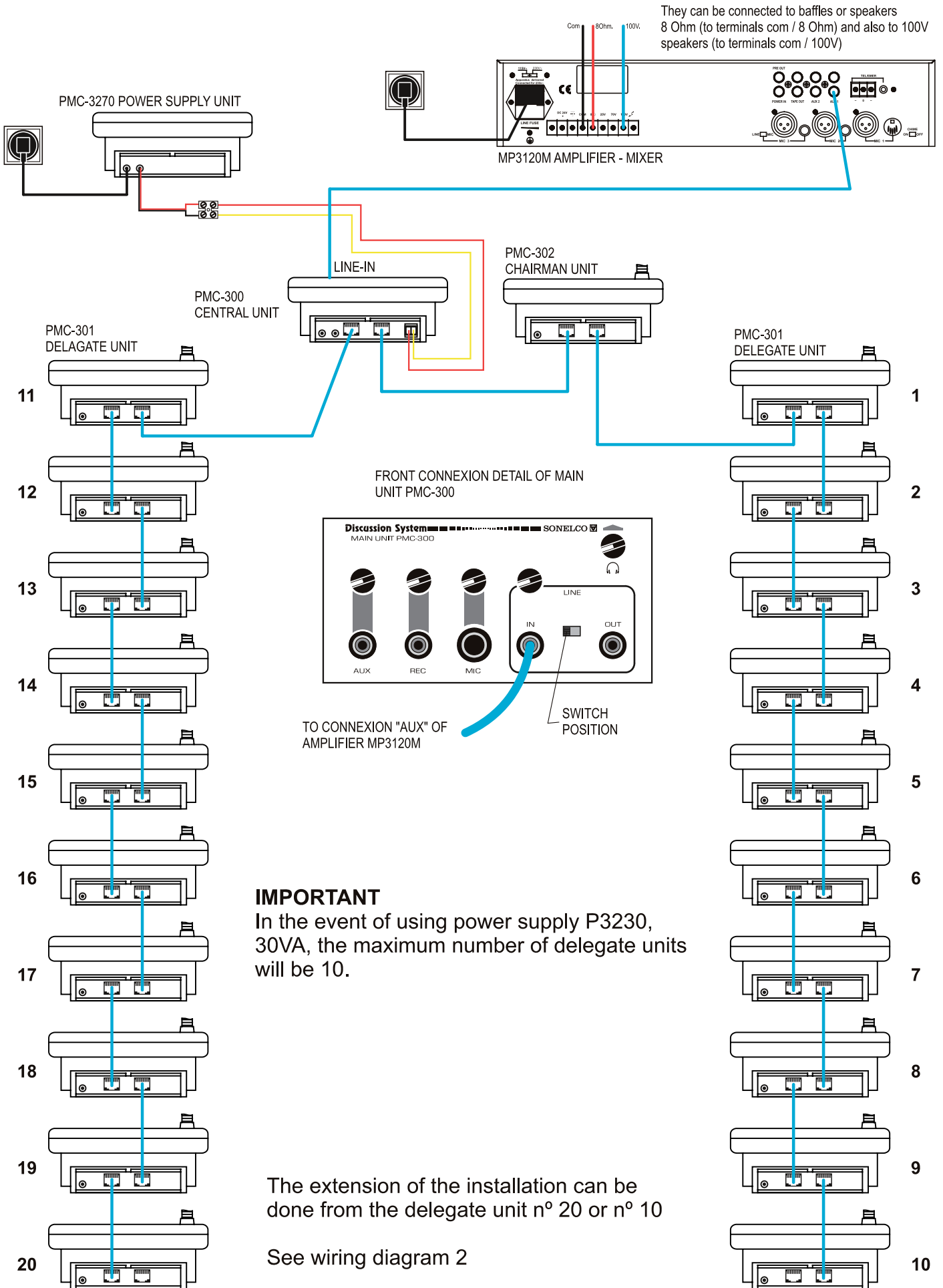
VOTING MODE

Press keys "MODE" and "VOTE" for more than 2 seconds on the chairman's module to enter the voting mode. The delegates can vote with the "VOTE" key. The voting will end when the "MODE" key is pressed for more than 2 sec. on the chairman's module.

The number of affirmative and negative votes as well as abstentions, and the total number of votes emitted can be seen on the chairman's module display with the "VOTE" key.



EXEMPLE D'INSTALLATION



EXTENSION OF 10 UNITS

THE COMBINATION OF EXTENSION MODULE PMC-306 WITH POWER SUPPLY P3230 ALLOWS THE EXTENSION OF THE INSTALLATION WITH 10 MORE DELEGATE UNITS PMC-301

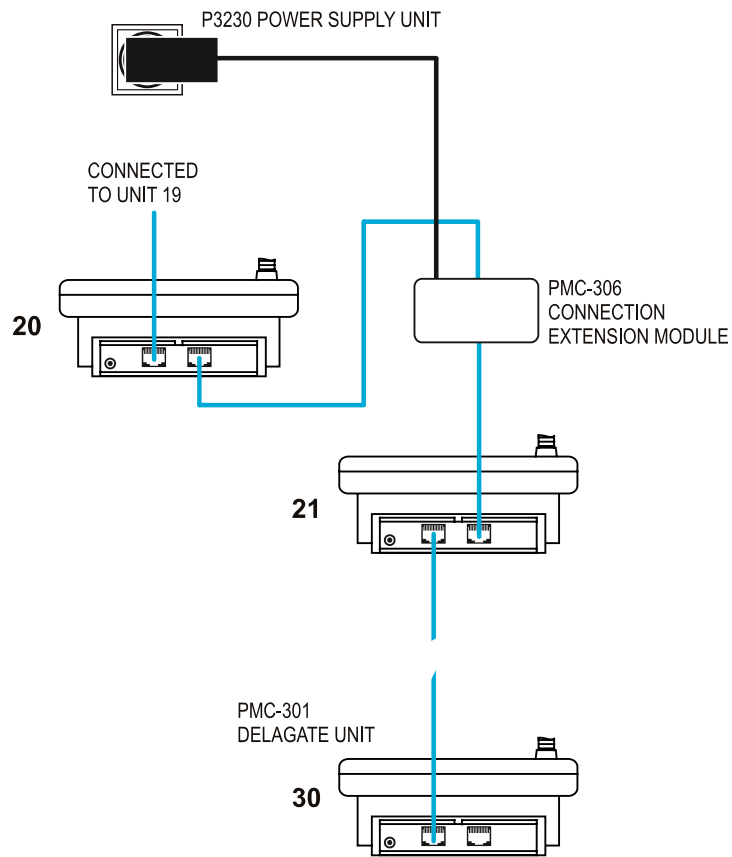


DIAGRAM 2