Section	Public Address
Category	Zone management units
Range	Voice/Music Multizone System
Code	P8136
Description	**Pannello di controllo 6 zone "master"**

The **P8136** master panel has been designed for use in a vast number of applications with background music and handsfree announcements or automatic messages. It provides an advanced solution for creating all sorts of calling systems with at least 6 zones. The simplicity with which the system can be installed and the various different units and control bases can be connected enables the creation of both centralised systems and decentralised systems with remote installation of the various peripheral units.
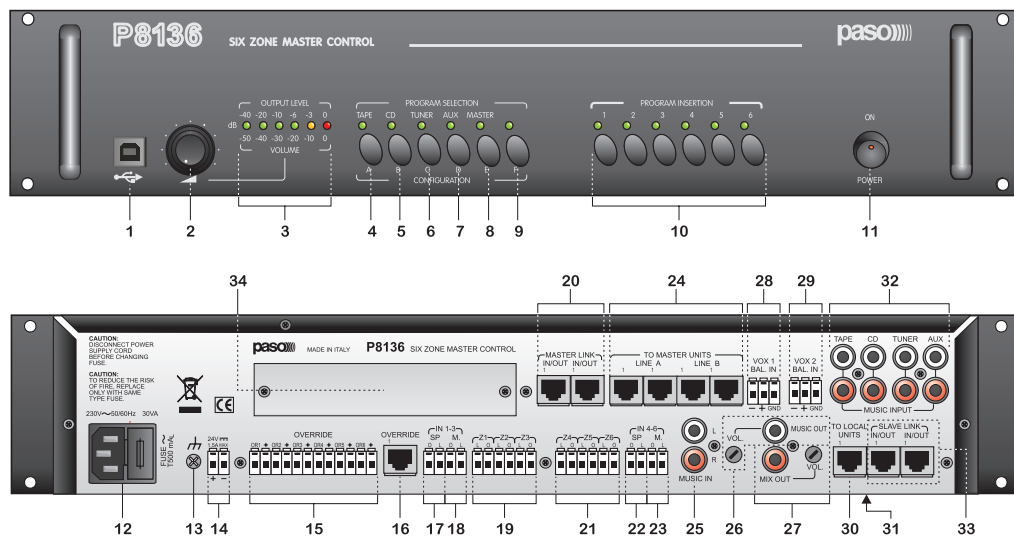
Functional features

- 4 line inputs (TAPE, CD, TUNER, AUX) for selecting the music source;
- 2 audio inputs with automatic VOX activation for calls from telephone exchanges with the necessary provisions and/or automatic message generators active on zones selected via software;
- 2 MASTER LINK inputs for connecting up to 6 master units with one another so as to enable management of music and audio in a total of 216 zones;
- 1 MASTER LINK input for connecting audio and music from another master unit;
- 2 inputs A and B for connecting up to 16 Master Units, microphone stations and/or I/O cards, for remote calls (max. total line length: 1 km);
- 1 input for connecting up to 16 Local Units, microphone stations and/or I/O cards, for calls to the zones of the Master group (max. total line length: 1 km);
- 6 zone outputs split into two groups of 3+3 lines for managing up to 500W+500W -100V incoming MUSIC and/or SPEECH signals, depending on which system configuration is used;
- 6 front-panel keys for including music in the various different zones;
- 6 front-panel keys for control, configuration, saving and setup recalling;
- Connection via USB to a PC with the dedicated SW8136 software for configuring the broadcasting zones, programming the inputs and outputs and, with the ACMG8136, managing timed events and compiling the messages recorded on the SD card.
- Management of 6 ACIO8136 I/O cards configured as Master Units for a total of 36 optoinsulated inputs and 36 relay outputs, interface with external units in "Master" mode.
- Management of 6 ACIO8136 I/O cards configured as Slave Units, for external units in "Local" mode.
- Input volume control for each source of the MUSIC channel (PROGRAM) and of the SPEECH channel;
- Possible control of an ACMG8136 card, which includes a message player, a timer and an SD card player for a total of 127 messages in audio WAVE format;
- Possibility of connecting up to 5 P8236 slave control units to each master, for a total of 36 zones managed by a single master unit;
- Terminals for unbalanced MUSIC and SPEECH inputs for connecting both amplified 100V signals and 0 dB line signals, depending on which system configuration is used;
- Multifunction encoder for volume and sensitivity adjustment;
- 24 V$_{DC}$ controls for by-passing local volume attenuators;
- 19" standard rack mounting;
- 230 V$_{AC}$ and 24 V$_{DC}$ emergency power supplies.

Rev. 1.1

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Technical data

Mains power supply	230 Vca ± 10% - 50/60 Hz
DC external power supply	24 Vcc
Mains consumption	30 VA
DC consumption	1,5 A
19" rack mounting (modular units)	Direct (2 U)
Dimensions (W x H x D)	482 x 88 x 167 mm
Weight	3,9 kg

References

1. USB connector.
2. Volume control.
3. VuMeter/Volume output level indicator.
4. TAPE music input selection.
5. CD music input selection.
6. TUNER music input selection.
7. AUX music input selection.
8. Selection of music from master units.
9. Key for confirming chosen configuration.
10. Activation of music/programming in the zones.
11. Mains switch with ON/OFF lamp.
12. Mains plug with built-in fuse.
13. Frame connection.
14. Terminals for external 24 VDC power supply.
15. Terminal strip for override control output.
16. RJ45 socket for override control output.
17. Voice input terminal strip, zones 1 to 3.
18. Music input terminal strip, zones 1 to 3.
19. Output terminal strip, zones 1 to 3.
20. Connection between master units.
21. Output terminal strip, zones 4 to 6.
22. Voice input terminal strip, zones 4 to 6.
23. Music input terminal strip zones 4 to 6.
24. Connectors (Lines A and B) for Master Units*.
25. Local music source inputs.
26. Music output (MUSIC OUT).
27. Voice/music output (MIX OUT).
28. Balanced VOX 1 input.
29. Balanced VOX 2 input.
30. Connector for connection to the Local Units*.
31. Chime level control.
32. Music inputs.
33. Connectors for connecting P8236 slave units.
34. Compartment for optional ACMG8136 card.

* Microphone stations and I/O boards.