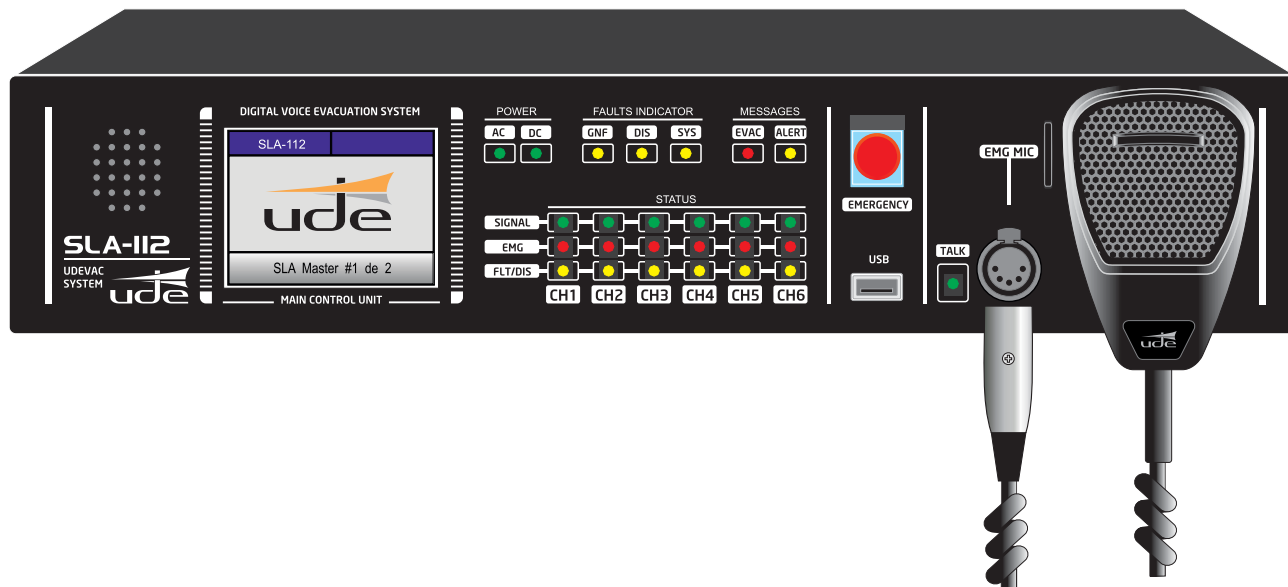


# SLA-112

## MAIN STATION AND SUPERVISION UNIT FOR 6 AMPLIFIERS AND 6 LOUDSPEAKER LINES



**UDEVAC** System  
Engineered and made in E.U.



### DESCRIPTION

The **UDEVAC** system is a compact solution for voice alarm systems. The system's features and functionalities have been designed based on the EN54-16 standard.

The main station **SLA-112** enables the monitoring for every key functionality such as the supervision of evacuation and alarm messages as well as the supervision of the emergency microphone, amplifiers and loudspeaker lines.

The system provides an expansion of up to 192 paging zones, which makes it an appropriate solution for small, medium and big size applications.

Each channel can handle a maximum load of up to 500W by using external supervised amplifiers.

Configuration and operation of the station is managed through a 3,5" color touch screen located at the front part of the device.

The emergency microphone located at the front part enables the broadcasting of emergency messages as well as messages to a specific zone.

The system enables the connection of the **PZ-112** paging desks by using a FTP cable with AUDIOLINK Protocol. It enables a maximum of 30 interconnected paging desks and with the possibility of broadcasting 2 messages simultaneously.

Designed and manufactured by UDE, Both its mechanic and electronic design are based on functionality, robustness and reliability criteria required for any sound application. Thanks to its standard dimensions (19" standard, 2U) we obtain a compact and uniform set.

The system itself can be used in a high number of applications thanks to its matrix features as well as the management of background music and paging announcements.

### FEATURES

EN 54  
16

- Complies with EN54-16.
- Supervision of 6 amplifiers.
- Supervision of 6 or 12 (A+B) loudspeaker lines (L70/L100V).
- Supervision of the front emergency microphone.
- Supervision of 2 pre-recorded messages (Evacuation and Alarm) within the internal non-volatile memory.
- Integration with fire alarm system.
- Standby amplifier switchover.
- AC Power Supply (115-230V) and 24 VDC battery supply. Both continuously supervised.
- Connection to up to 30 paging desks PZ-112.
- Connection to up to 32 main stations SLA-112. (Maximum: 192 zones).
- Windows-based application for configuration and operation of the system.
- 3,5" color touch screen for configuration and operation of the system.
- 3 audio inputs ( 2 RCA inputs and 1 XLR input).
- Integrated monitor speaker.
- Internal storage for up to 1000 messages.



EQUIPOS Y SISTEMAS MEGAFONÍA / INTERCOM • PUBLIC ADDRESS SYSTEMS

UNIÓN DESARROLLOS ELECTRÓNICOS

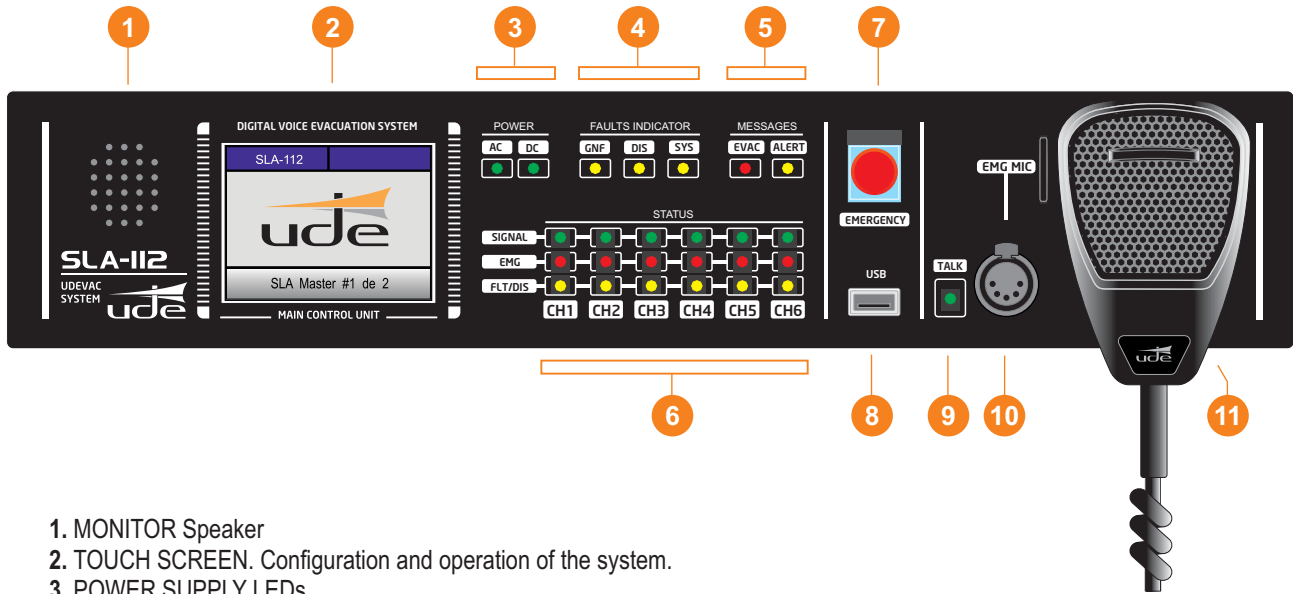
Tel.: +34 934 772 854 / +34 609 914 787 • ude@udeaudio.com • BARCELONA - SPAIN



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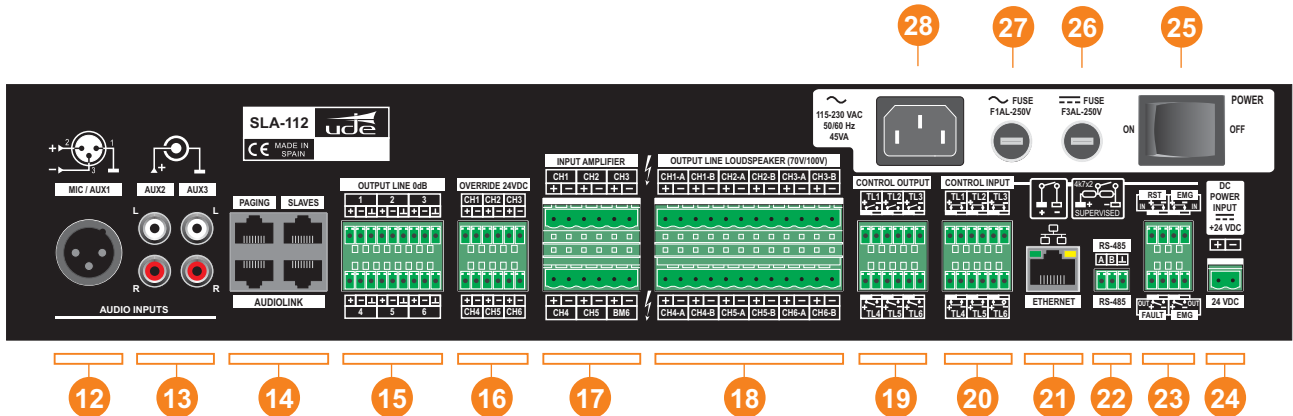
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## FRONT PANEL



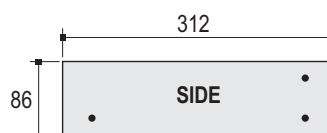
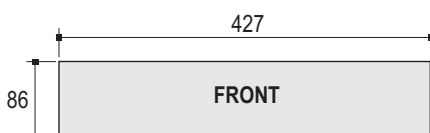
- 1. MONITOR Speaker
- 2. TOUCH SCREEN. Configuration and operation of the system.
- 3. POWER SUPPLY LEDs
- 4. FAULTS INDICATORS LEDs
- 5. SUPERVISED MESSAGES LEDs
- 6. CHANNELS STATUS LEDs
- 7. EMERGENCY Push button and LED
- 8. USB port.
- 9. EMERGENCY MICROPHONE LED
- 10. EMERGENCY MICROPHONE Connector
- 11. EMERGENCY MICROPHONE

## REAR PANEL



- 12. XLR Input (MIC/AUX1) with configurable priority.
- 13. RCA Inputs (AUX2-AUX3)
- 14. AUDIOLINK RJ-45 Connection - PZ-112 Paging Desks / SL-112 Connection.
- 15. 0dB Outputs to amplifiers
- 16. Override outputs for volume controllers ( 4 cables )
- 17. L100V/L70V inputs from amplifiers
- 18. Loudspeaker lines outputs (A+B)
- 19. GPIO outputs
- 20. GPIO inputs
- 21. Ethernet 10/100 Port (RJ-45)
- 22. RS-485 Port
- 23. Inputs/Outputs for alarm system interface
- 24. 24VDC battery Input
- 25. Main Power ON/OFF Button.
- 26. DC Fuse
- 27. AC Fuse
- 28. AC Power Supply Input ( 115-230 VAC)

## DIMENSIONS

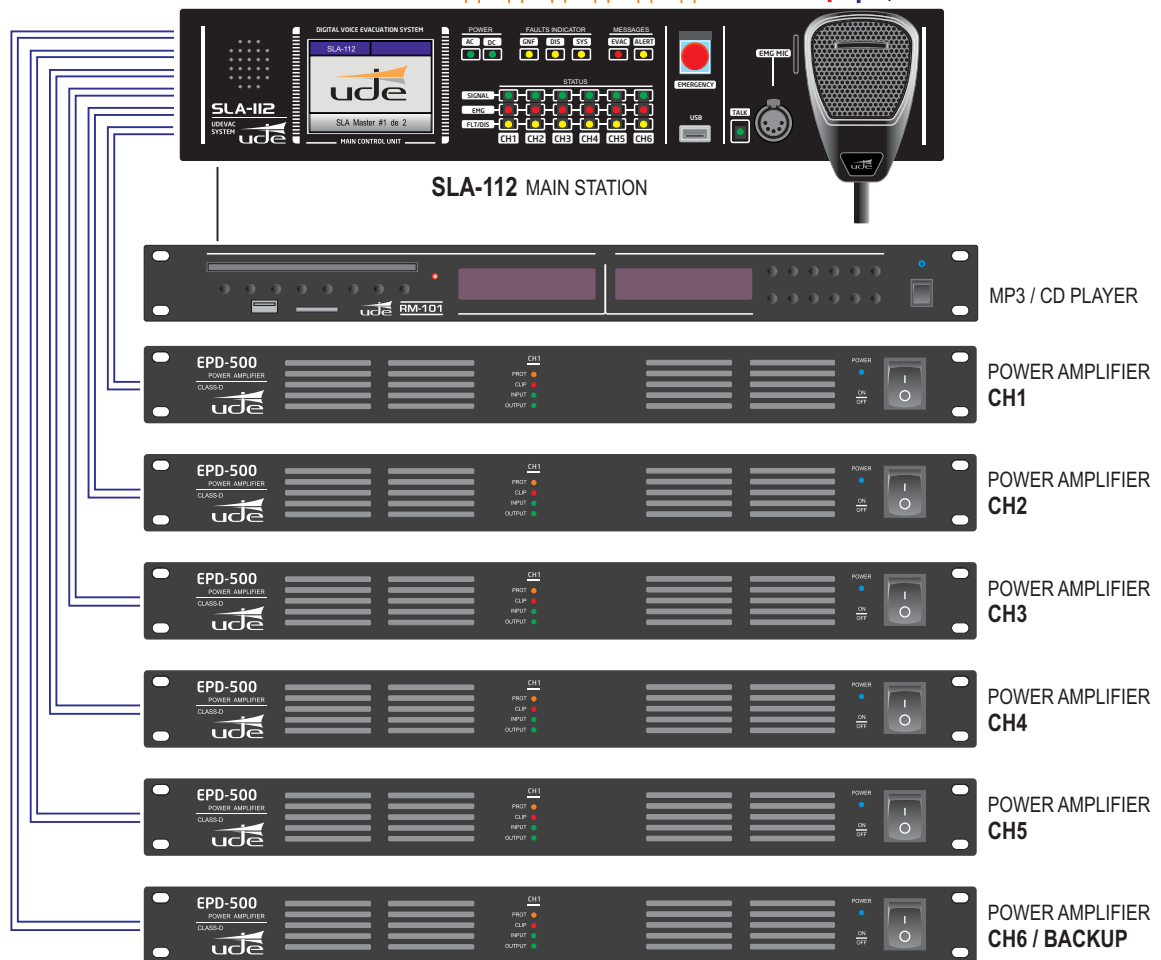
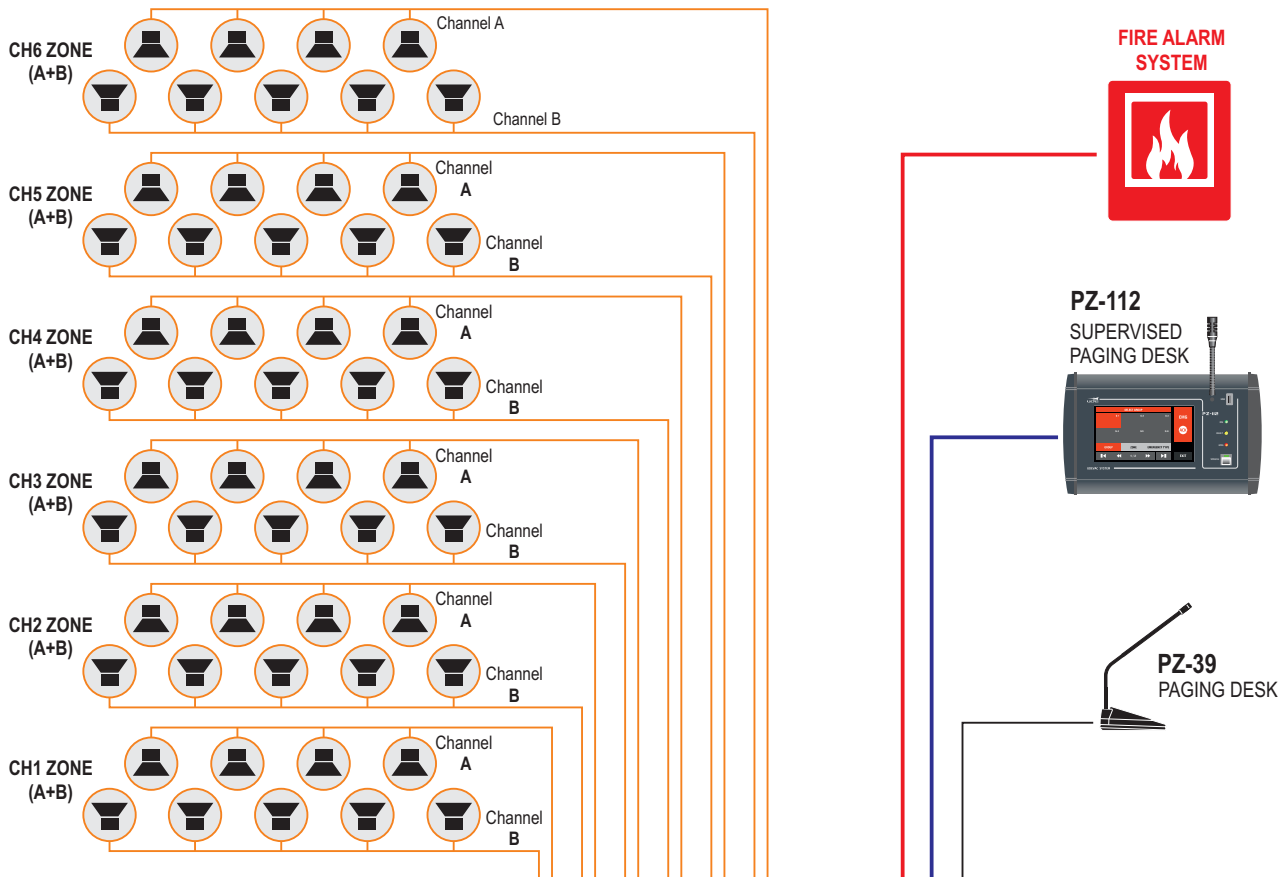


2U - Rack 19"  
Rack accessory : WX-2

Dimensions in mm.

STANDARD SCHEMATIC

1 MAIN STATION SLA-112 + 1 PAGING DESK PZ112 / 6 supervised zones



CH6 - Available without backup amplifier

## STANDARD SCHEMATIC

2 MAIN STATIONS SLA-112 (max. 32) + 2 PAGING DESKS PZ112 (max. 30) / 12 supervised zones (max. 192)

