

PZ-112

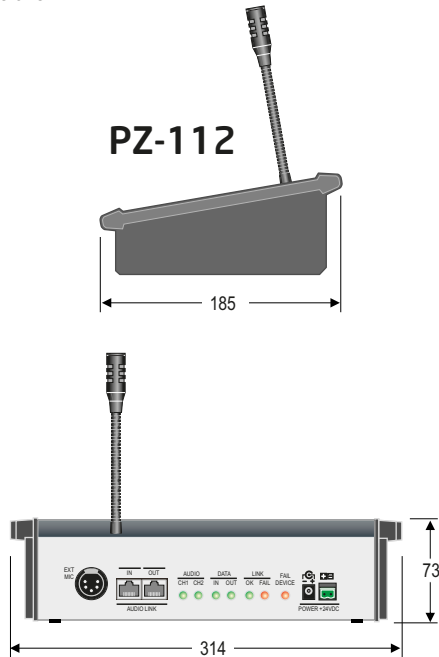


PAGING DESK WITH SUPERVISION

UDEVAC System

Engineered and made in E.U.

Dimensions in mm.



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 paging desk **PZ-112** is part of the **UDEVAC** system, it enables the monitoring and remote operation of the main functionalities of the main station **SLA-112** (alarms, emergency status, broadcasting messages; among others). Internally, the device includes supervision for the microphone, power supply and communication, following the safety standards assigned for this type of applications.

The paging desk **PZ-112**, by using a GUI integrated within its 7" color touchscreen, it enables the user to browse, manage and select zones or group zones to which messages can be broadcasted to by using the included gooseneck microphone.

Thanks to the FTP connection and UDE's AudioLink Protocol, it is possible to broadcast 2 different messages simultaneously from 2 different locations with up to 1000m distance from the main station. Besides, if the distance between the paging desk and the **SLA-112** main station is lower than 50m, by using the Direct Power technology the paging desk can be powered supplied through the FTP cable without the need of adding any external power supply source.

Within a single installation, the system can handle up to 30 paging desks with a configurable priority between them.

FEATURES

EN 54
16

- ✓ -Complies with EN54-16.
- ✓ -Supervision for paging microphone. Gooseneck's length: 300mm.
- ✓ -Emergency mode and evacuation messages activation.
- ✓ -24VDC supply supervision.
- ✓ -Supervision for FTP connection with SLA-112.
- ✓ -Connection to up to 30 paging desks.
- ✓ -Standard Paging Broadcasting per zones.
- ✓ -Broadcasting of pre-recorded messages.
- ✓ -Configurable priority between paging desks.
- ✓ -7" color touch screen for configuration and operation of the system.
- ✓ -Tone controls.
- ✓ -XLR back connector for fireman microphone.
- ✓ -Configurable Chime Push-button.



EQUIPOS Y SISTEMAS MEGAFONÍA / INTERCOM • PUBLIC ADDRESS SYSTEMS

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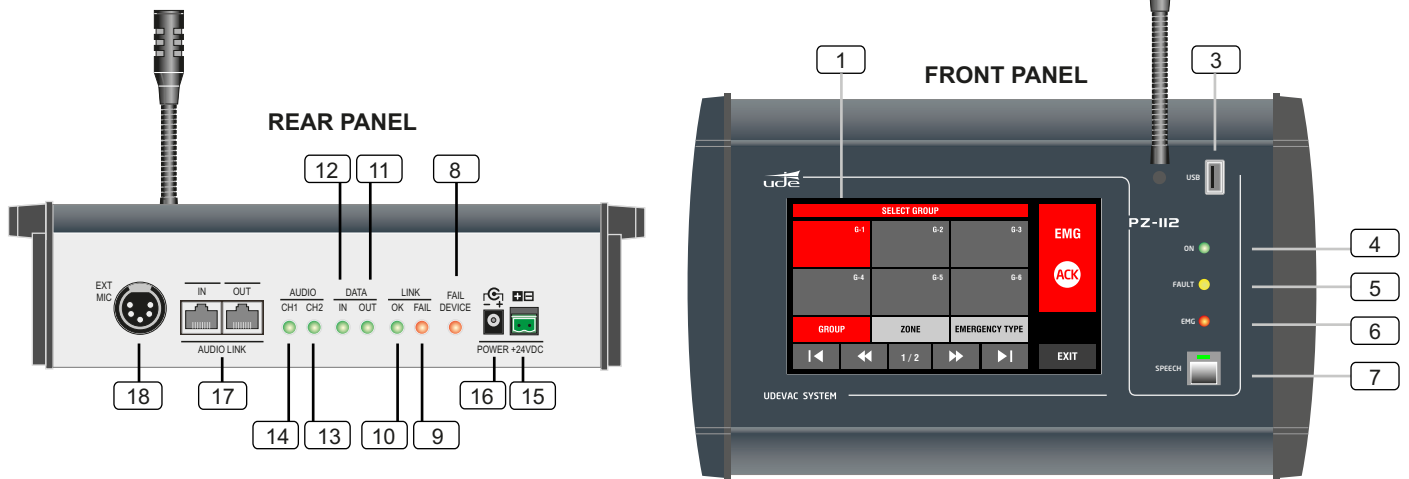
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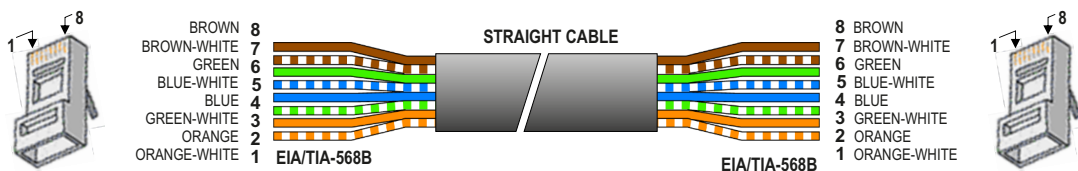
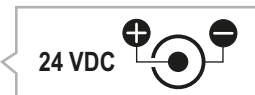
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QUICK START GUIDE

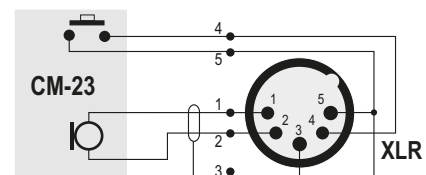


CONTROLS, CONNECTORS AND INDICATORS

- 1 **TOUCHSCREEN.** It enables management and zone selection. Besides, it shows important information of the UDEVAC System.
- 2 **MICROPHONE.** Gooseneck microphone. Length: 300mm.
- 3 **USB Port.** Reserved for firmware updates.
- 4 **LED ON.** Indicates that the device is power supplied and that GUI is properly working
- 5 **LED FAULT.** Indicates FAULT or ALARM in the system.
- 6 **LED EMERGENCY.** Indicates if Emergency mode is activated in the UDEVAC system.
- 7 **SPEECH PUSH BUTTON with LED.** The push button must be kept pushed during the broadcasting of the message. The LED activation indicates when the user may start the broadcasting.
- 8 **LED FAIL DEVICE.** If activated, it means there is a problem with the paging desk.
- 9 **LED LINK FAIL.** If activated, it means the communication between the PZ-112 and the SLA-112 did not succeed.
- 10 **LED LINK OK.** If activated, it means the communication between the PZ-112 and the SLA-112 is correct.
- 11 **LED DATA OUT.** This indicator shows modulation of the data which is being sent from the PZ-112 through the FTP Bus Cable.
- 12 **LED DATA IN.** This indicator shows modulation of the data which is being received from the FTP Bus cable.
- 13 **LED AUDIO CH2.** This indicator shows audio modulation from either the gooseneck microphone or the external microphone (XLR) sent to channel 2.
- 14 **LED AUDIO CH1.** This indicator shows audio modulation from either the gooseneck microphone or the external microphone (XLR) sent to channel 1.
- 15 **DC BACKUP.** 24VDC Batter Power supply input (Phoenix connector)
- 16 **DC IN.** 24VDC Power supply input from external power supply source (Ref. UDE IPW-25)
- 17 **AUDIOLINK.** The AUDIOLINK connector enables the bus connection of the different paging desks. Cable used must be FTP CAT.5. Connectors are RJ-45

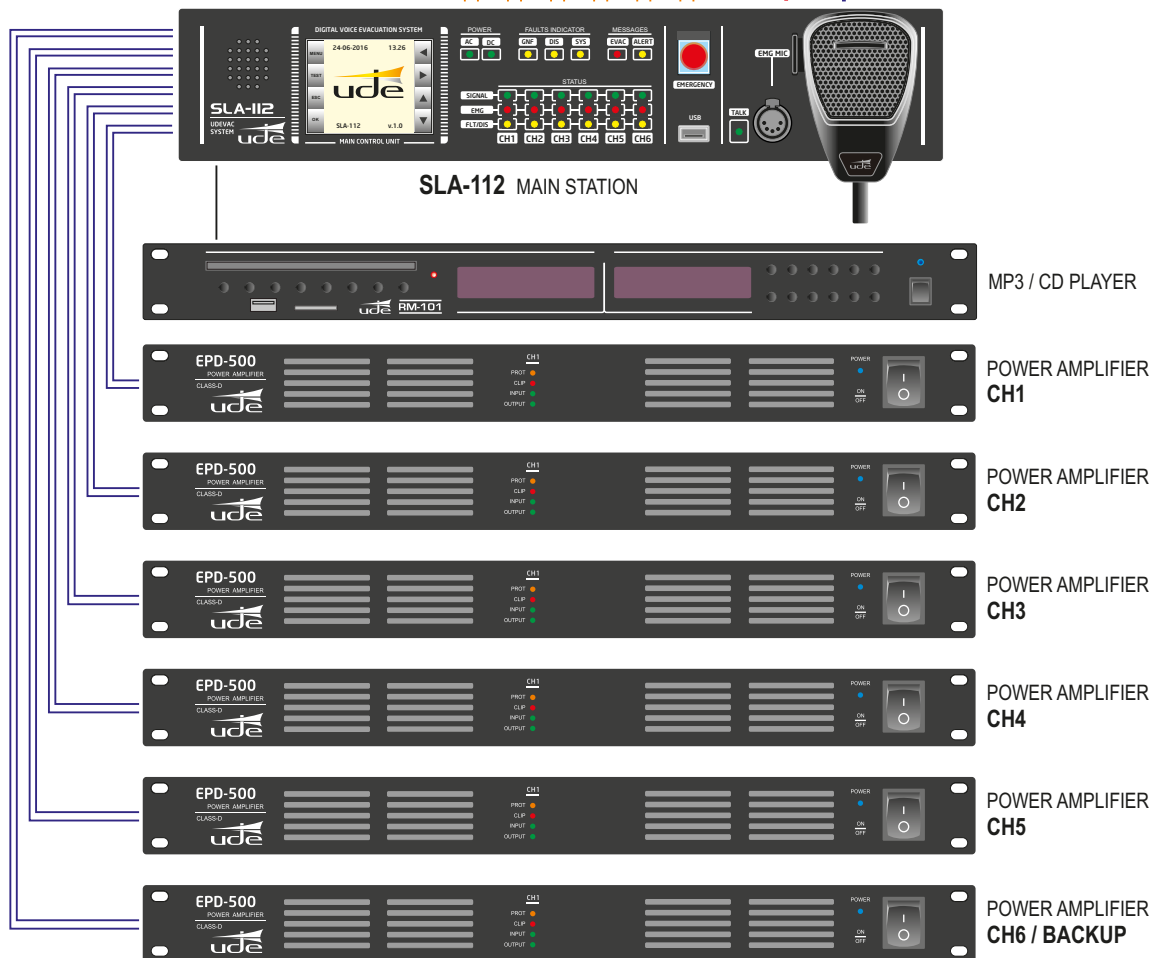
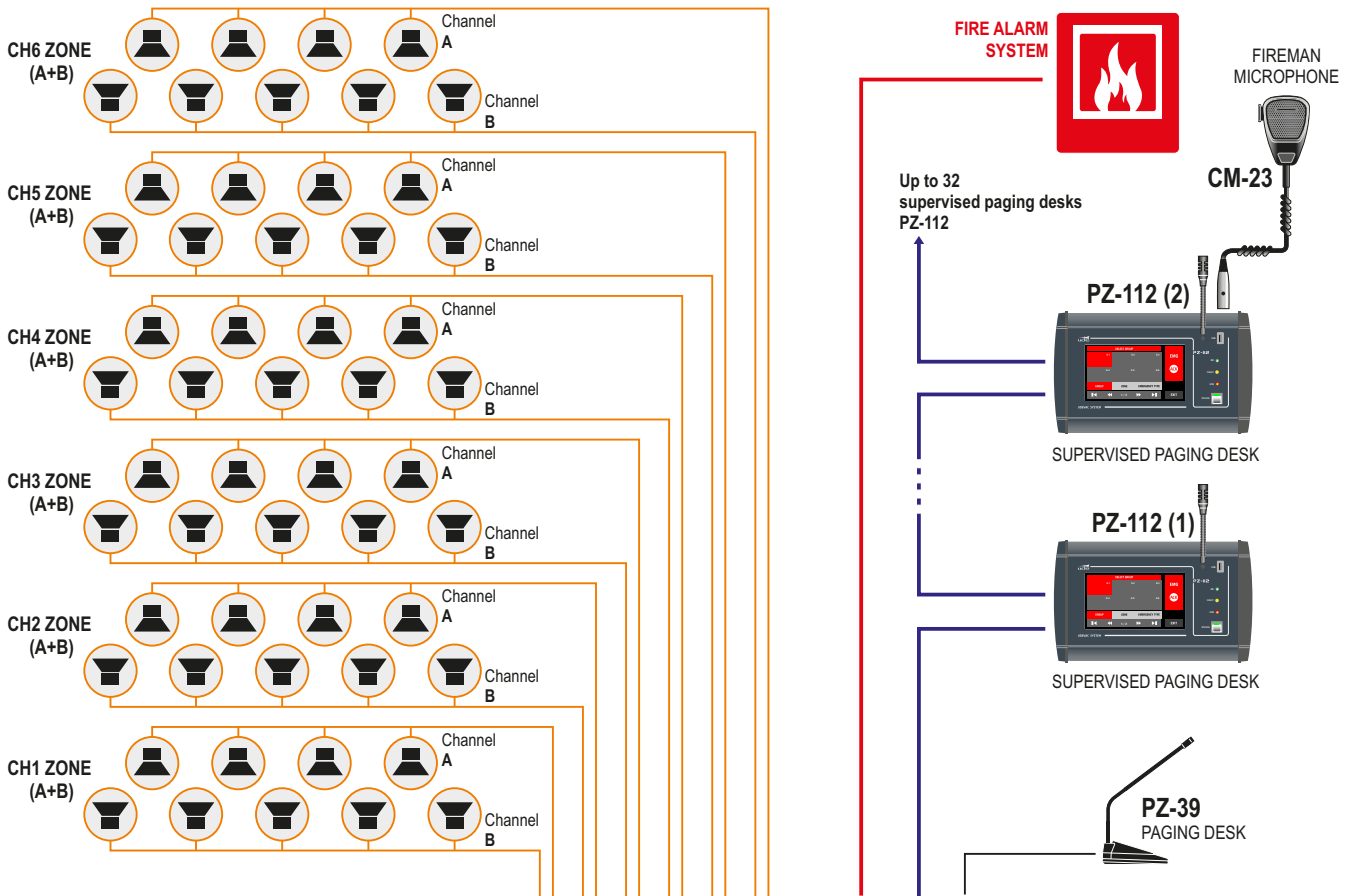


- 18 **MIC EXT.** 5 pin XLR Connector. Used for connection of external fireman microphone. UDE recommends model CM-23.



STANDARD SCHEMATIC

1 MAIN STATION SLA-112 + 2 PAGING DESKS PZ112 / 6 supervised zones



* CH6 - Available without backup amplifier.