IPU-100P

Paging desk

Description

The public address system for IP networks allows the creation of conventional and emergency public address systems.
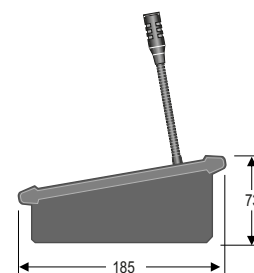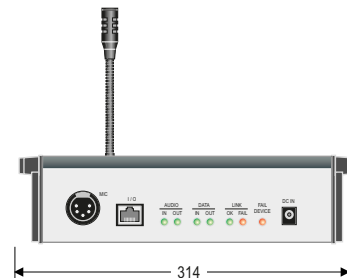
The IPU-100P paging desk is made with an ease and user friendly graphic interface in a 7" TFT full colour touch screen.

Technical staff can program until 250 zones in 25 pages with specific name in each zone. Users can experience an easy navigation.
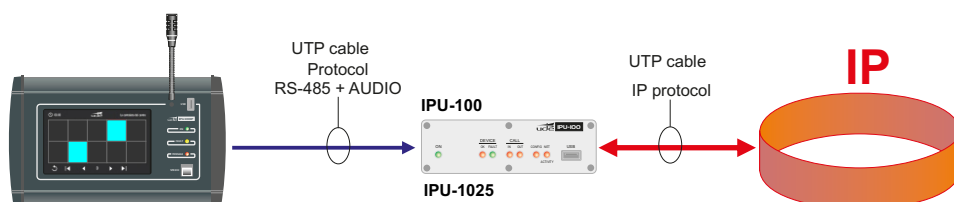
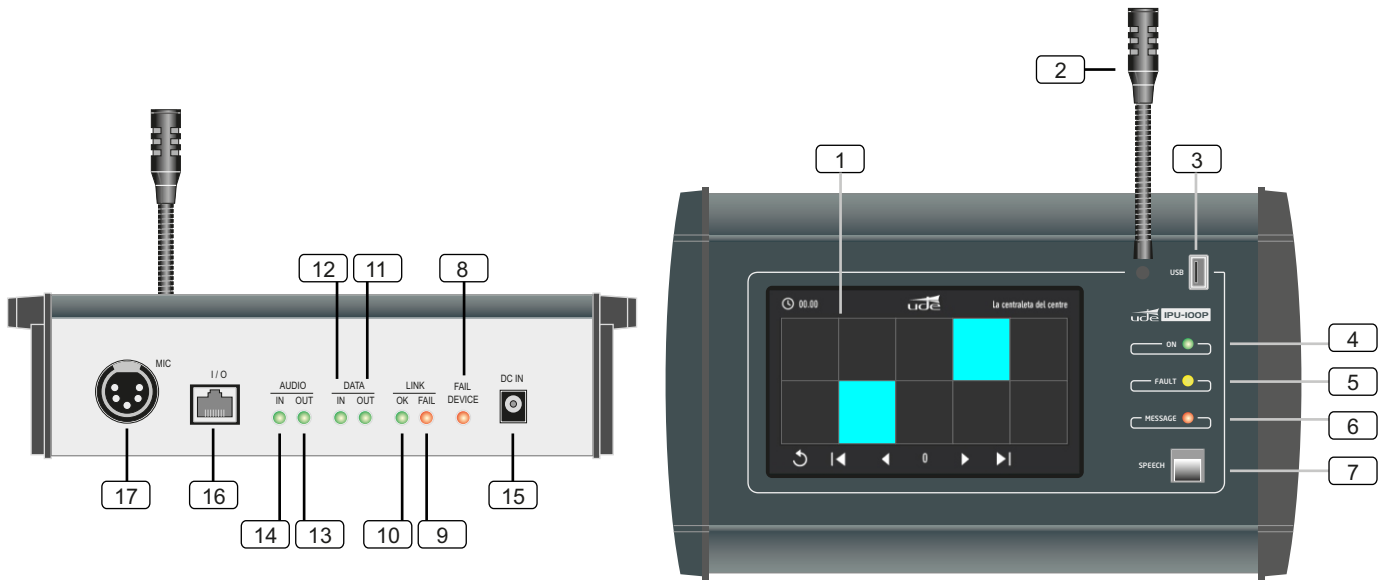IPU-100P shall be installed with IPU-100 or IPU-1025 combination.

- ☑ 7" TFT full colour touch screen
- ☑ High quality gooseneck microphone
- ☑ 5-pin XLR connector for handheld microphone
- ☑ USB connector for firmware update.
- ☑ Direct audio & data link with IPU-100 or IPU-1025
- ☑ 24Vdc power supply connector (for cables greater than 50m).
- ☑ Webserver configuration.

The configuration is done by accessing to the IP address assigned to the linked device (IPU-100 or IPU-1025) by the site administrator if you work in manual mode assignment (Static Mode), or by the DHCP server if you work in automatic mode.
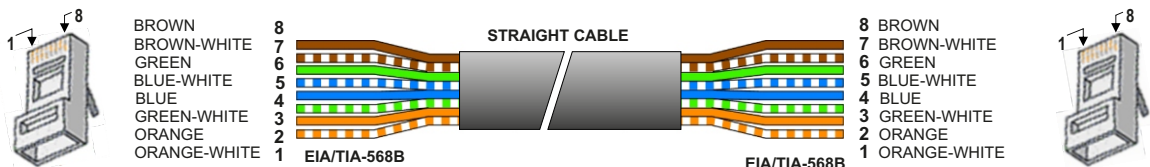**Static IP by default is: 192.168.0.210**

To connect the paging desk to the or use RJ-45 for Cat-5 and UTP Ethernet cables, the configuration must be done with the IPU-100 or IPU-1025 webserver.

UTP cable
Protocol
RS-485 + AUDIO

IPU-100

IPU-1025

UTP cable
IP protocol

IP

1   **TOUCHSCREEN.** 10 zone touch- buttons per page ready to broadcast public address message.

2   **MICROPHONE.** Gooseneck microphone. Length: 300mm

3   **USB CONNECTOR.** The USB connector allows the firmware update.

4   **LED ON.** This indicator shows the equipment is properly powered and main application is running

5   **LED FAULT.** LED is disabled

6   **LED MESSAGE.** LED switch on when operator broadcast the voice message.

7   **PTT BUTTON.** A push-to-talk (PTT) button to start the call when at least one zone is selected, switch on when operator broadcast the voice message.

8   **LED FAIL DEVICE.** This indicator is activated when there is a connection problem with IPU-100 or IPU-1025

9   **LED LINK FAIL.** This indicator is activated when exist a wrong data transmission with IPU-100 or IPU-1025.

10   **LED LINK OK.** This indicator is activated when exists a right data transmission with IPU-100 or IPU-1025.

11   **LED DATA OUT.** This indicator shows data modulation sent from IPU-100P .

12   **LED DATA IN.** This indicator shows data modulation sent to IPU-100P.

13   **LED AUDIO OUT.** This indicator shows audio modulation from the gooseneck or external microphone.

14   **LED AUDIO IN.** LED is disabled

15   **DC IN PW-25 .** Jack to connect 24Vdc external power supply. (Model: I).

16   **I / O.** This RJ-45 for Cat-5 socket allows connection with UTP cable to IPU-100 or IPU-1025.

17   **EXTERNAL MICROPHONE**. IPU-100P has a 5-pin XLR connector for external handheld microphone with remote control function and PTT (push-to-talk) features. UNIÓN DESARROLLOS ELECTRÓNICOS recommends model CM-23.