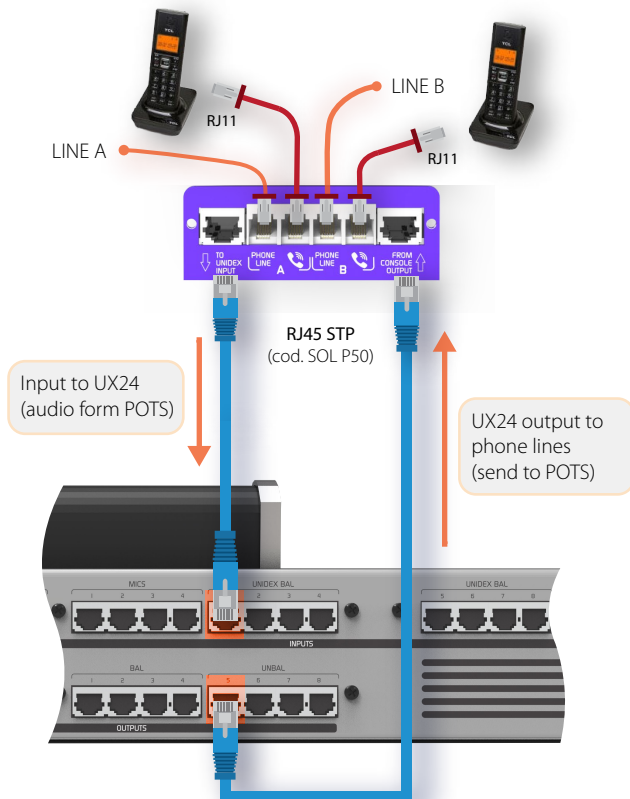


UNIDEX UDX 2TEL CONNECTION AND SETTINGS

1

CONNECTIONS

UDX 2TEL connects to one **UNIDEX input (1 to 4)**, and to one **unbalanced output (UNBAL 5 to 8)**. At the rear panel this I/O connectors are aligned in the following way: 1⇒5; 2⇒6; 3⇒7; 4⇒8. The **default** settings of all scenes are made to connect one UDX 2TEL to **UNIDEX 1 IN** and **OUT 5**; assigned to **channels 7 and 8**.



2

SET THE INPUTS

-
- Turn the encoder to select the "L" channel at the input to which UDX 2TEL is connected.
UDX-L = Line A
UDX-R = Line B
- Set the **INPUT MODE** as **MONO**.
- Change **UDX TYPE** to **2TEL COMPACT**.
- Assigning a **CHANNEL** to the input.
- Equalization and noise gate can be pre-adjusted.
- REPEAT THE PROCESS FROM ITEM (b) BUT CHOOSING THE CHANNEL RIGHT (UDX-R) TO SET THE LINE B**

3

SET THE OUTPUTS

-
- Turn the encoder to select the out "L" to which UDX 2TEL is connected.
OUT-L = UDX 2TEL Line A
OUT-R = UDX 2TEL Line B
- Set the output as **MONO**. To change touch the option on screen.
- Touch to set **Send Mode** as **MIX-MINUS**.
This way the output stays associated to the UNIDEX input that corresponds.
- REPEAT FROM ITEM (i) CHOOSING THE CHANNEL "RIGHT" (OUT-R) TO SET THE LINE B**
- Press **BACK** to return to the main screen.


THE LEVEL SENT TO THE LINE (OUT GAIN), AND THE INPUT GAIN CAN BE ADJUSTED ON THE FLY FROM THE SCREEN TELCO.


4

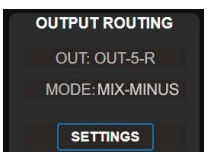
CHANNELS

a  Press **CHANNEL** at the main screen. All the buttons CUE/SELECT change its status to SELECT.

b  Press the button **CUE/SELECT** on the channel that wants to edit.
CUE buttons returns to normal work and the main screen shows the CHANNEL options.
To select a virtual channel, turn the encoder and push to confirm.

c  Set **MODE** as **TELCO**.

d  To **edit the LABEL**, touch on text. A keyboard will appear.


e  Check if the output assignment indicates the corresponding output and if the mode is MIX-MINUS.

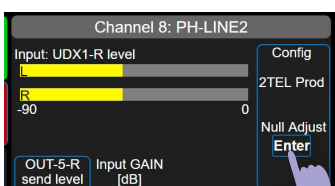
f  Press **BACK** to return to main screen.


5

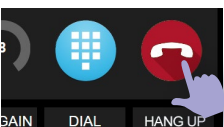
REJECT ADJUST (NULL)

a  Press **TELCO** to access to TELCO control panel.

b  **Make a call** (it can be an incoming calling or can be made from console).
At the other end the caller must keep silence.

c  In the TELCO CONFIG section, press **Null Adjust ENTER**.
The console sends a calibration tone to the phone line.
The meter INPUT LEVEL shows the level at which the calibration signal returns.

d  The operator don't need to put the call on-air to make the calibration (main fader can be closed).
The reject factor **adjusts from the UDX 2TEL box** using a knob on a preset, turning in both directions until finding the point where **the calibration signal that returns**, shown on the meter, is **the minimum**.

e  Once settled the reject factor, ends the calling.
The Null adjust must be set for each phone line.

SAVE THE CURRENT SCENE TO SAVE THE SETTINGS



UDX 2TEL have protection against enviromental voltage discharges (sparks or non-direct lighting) by metal oxide varistors. To prevent damages caused by high voltage spikes, is strongly recommended to install additional external gaseous protectors over each phone line.