

ListenPoint Interface with Digital Conferencing Control Unit Application Note

Don't miss a single sound.

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Description

This document describes how to connect a ListenPoint LPT-C6 Control Unit to a Digital Conferencing Control Unit via line inputs and outputs. The procedures listed here are to be used as a starting point with minor level and setup adjustments to be made as necessary using the front displays of each unit.

Connecting the Line Inputs/Outputs

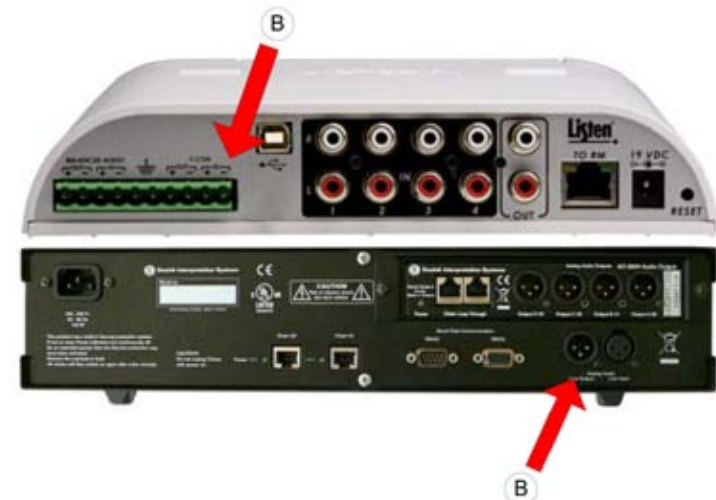
1. Connect the line output from the ListenPoint Control Unit (Euro connector) to the line input of the Digital Conferencing Control Unit: (XLR).

- a. On the ListenPoint LPT-C6 Control Unit, this should be connected to Teleconferencing output.
- b. On the Digital Conferencing Control Unit, this should be connected to the line input.
 - i. Connections labeled (A) shown right:



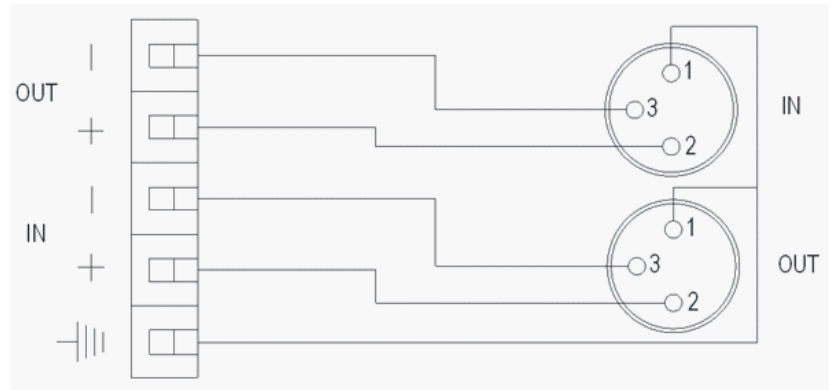
2. Connect the line output from the Digital Conferencing Control Unit (XLR) to the line input of the ListenPoint Control Unit (Euro connector).

- a. On the ListenPoint LPT-C6 Control Unit, this should be connected to Teleconferencing input.
- b. On the Digital Conferencing Control Unit, this should be connected to the line output.
 - i. Connections labeled (B) shown right:



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3. Wire diagram shown right:

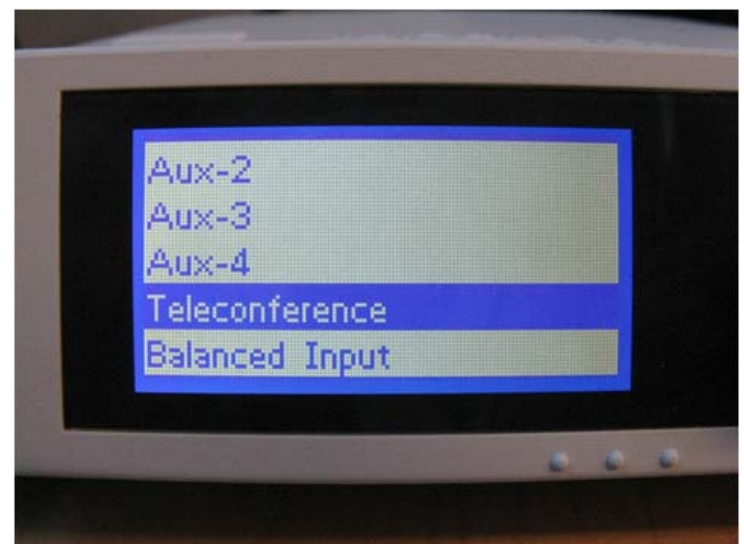


Configuring the ListenPoint Control Unit using the Front Display

1. Press the power button to turn the CU on.
2. On the status window, scroll to and push to select "Aux Select".



3. On the aux select window, scroll to and push to select "Teleconference".



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4. The teleconference input is set to 0 dB which is a nominal listening level. Adjust the input if needed to increase or decrease the level coming from the Digital Conferencing Control Unit.



Configuring the Digital Conferencing CU Using the Front Display

Out of the box, when in default configuration a few adjustments are required for the CU.

1. Switch on the unit, it starts up automatically in the "Audio control" menu.
2. Scroll down one click until the "LineIn -> Loudspk:" line appears with default setting; "Off".
3. Adjust the "LineIn -> Loudspk:" setting to "0dB" and press enter. This is to allow the audio from the phone to be routed to the unit loudspeakers.
4. Scroll down one more click and verify that "LineIn -> LineOut:" is "Off". This puts the CU in Mixminus mode and prevents the audio from the far end being fed back to the far end.
5. Scroll down two more clicks and adjust "Loudspk Volume:" to a comfortable level for the room when talking into the conference units in the room press enter. The default setting of "-20dB" will be too soft for most applications.
6. Press the menu button.
7. Scroll down and select the "Configuration" menu.
8. Select the "Save Configuration" option and confirm, this ensures that your settings are maintained when switching the unit off/on.

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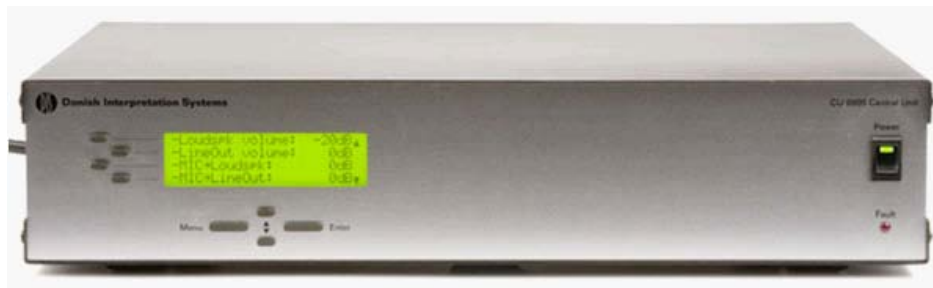
If the CU is not in factory default settings you can do two things.

Option 1:

1. Press the menu button
2. Select down and select the "Configuration" menu
3. Select the "Delete Configuration" option and confirm, this will return the CU to the factory default mode
4. Power Cycle the CU
5. Follow steps 1-8 listen above

Option 2:

1. Select the "Audio control" menu
2. Put in the following settings
 - Loudspk volume: -13dB
 - Lineout volume: 0dB
 - MIC -> Loudspk: 0dB
 - MIC -> LineOut: 0dB
 - LineIn -> Loudspk: -5 dB
 - LineIn -> LineOut: Off
 - LineIn Level Adj: 0dB



This concludes interfacing the ListenPoint LPT-C6 Control Unit to a Digital Conferencing Control Unit. Adjustments might need to be made to any of the input or output gains based on your environment but this will give you a starting point for making the connection successful.

For additional assistance with the ListenPoint system, contact Listen Technical Support at +1.800.330.0891.