



Description

This document describes how to connect a DCS 6000 Digital Conferencing system to a Tandberg 6000 MXP Codec Conferencing Processor. The procedures listed here are to be used as a starting point with minor adjustments to be made as necessary.

Note: *The configurations in this document are for configuring a Tandberg 6000 MXP Codec. If using a Tandberg 3000 MXP Codec, the same procedures apply.*

Attention: *If there is a need for interpretation via telephone line, more equipment will be needed.* Please contact Listen to discuss configurations and possible solutions.

Setting up the DCS 6000 CU for teleconferencing

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 into 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.

If the CU is not in the factory default settings you can do 2 things.

Option 1:

1. Press the menu button
2. Scroll down and select the "Configuration" menu
3. Select the "Delete Configuration" option and confirm, this returns the CU to the factory default mode
4. Power Cycle the CU
5. Follow steps 1-8 listed 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: 0 dB
 - LineIn -> LineOut: Off
 - LineIn Level Adj: 0dB

Connecting the line inputs/outputs

- 1 Connect the "Line Input" from the DCS 6000 CU (XLR connector) to "Audio Out 1" on the 6000 MXP Codec (RCA connector).
- 2 Connect the "Line Output" from the DCS 6000 CU (XLR connector) to "Audio In 4" on the 6000 MXP Codec (RCA connector).

Configuring the Tandberg 6000 MXP Codec

- 1 Using the Tandberg remote control, open the Control Panel from the Welcome Screen viewed on the monitor connected to the system.

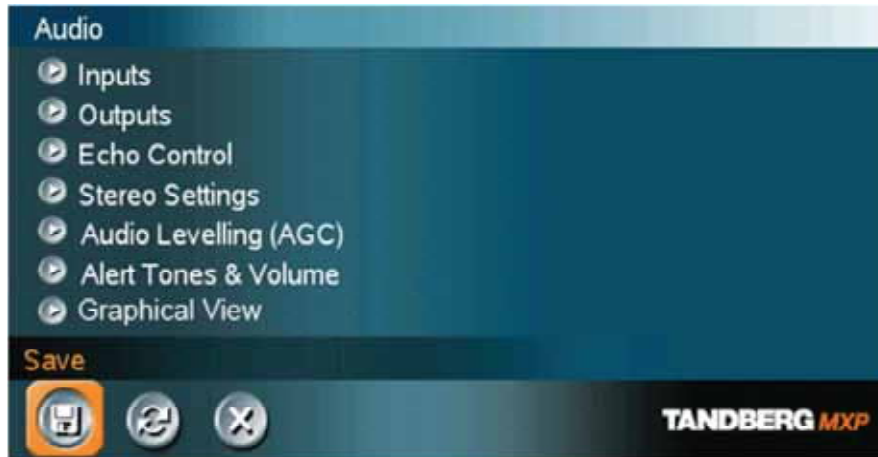


Configuring the Tandberg 6000 MXP Codec (cont.)

- 2 Select the "Audio" menu.



- 3 Open the "Inputs" submenu.
 - 3a Verify input 4 is "On".
 - 3b Change the "Mix Mode" to "Fixed".
 - 3c Change the "VCR Ducking" to "On".



Configuring the Tandberg 6000 MXP Codec (cont.)

- 4 Save these changes.
- 5 Open the "Outputs" submenu.
 - 5a Verify output 1 is "On".
 - 5b Change the "Out 1 Mode" to "Auto".
 - 5c Adjust the "Level Settings".
 - 1 Change "Out 1" to +10.5 dB
- 6 Open the "Echo Control" submenu.
 - 6a Change Audio Input 4 to "On".
- 7 Open the "Audio Leveling (AGC)" submenu.
 - 5a Change the Receive Audio to "On".
 - 5b Keep all other AGC options "Off".
- 8 Save these changes.

This concludes setting up the DCS 6000 system to a Tandberg 6000 MXP Codec conferencing processor. 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 DCS 6000 System, contact Listen Technical Support at +1.800.330.0891.