# DCN Next Generation 2.40
# Release Notes

**en** | Release Notes

# Table of contents

# 1 Introduction

This document contains information, which was not available during the creation of the manuals.
Please read all manuals.

# 2 Release 2.40

## 2.1 General

### 2.1.1 Release

March 8th 2007

### 2.1.2 Firmware/FPGA versions

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | 2.17 | 2.40.1586 | 4.30.2160 |
| DCN-CCUB | 1.07 | 2.40.1586 | 4.30.2160 |
| DCN-NCO | 3.06 | 2.40.1586 | 4.30.2160 |
| DCN-CON | 1.13 | -- | -- |
| DCN-CONCS | | | |
| DCN-CONFF | 1.13 | 1.10.XXXX | -- |
| DCN-CONCM | | | |
| DCN-DDB | -- | 1.4.XXXX | -- |
| DCN-DDI | 2.0 | -- | -- |
| DCN-DIS | 1.18 | -- | -- |
| DCN-FCS | 2.5 | -- | -- |
| DCN-IDESK | 1.3 | 1.20.XXXX | -- |
| LBB 4402/00 | -- | 2.40.1586 | 4.30.2160 |
| PRS-4DEX4 | -- | 2.40.1586 | 4.30.2160 |
| LBB 4404/00 | -- | 2.40.1586 | 4.30.2160 |
| DCN-SWSMV | | 1.20.0191 | |
| LBB 4190/00 | | 2.40.1586 | |

### 2.1.3 Compatibility restrictions

The following versions are not compatible with this release:

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | ≤1.06 | -- | -- |
| DCN-CCU * | ≤2.16 | | |
| LBB 4120 | 1.1 | -- | -- |

* Multi CCU mode only

## 2.2 Errata

### 2.2.1 Integrus Manual: Menu Item 4B Network Mode

When the Integrus transmitter is connected to the optical ring of a DCN Next generation System the Integrus transmitter can remain as master in the optical network. This can cause unwanted behavior of system. The content of menu item 4B is changed towards Automatic (stand alone use)and Enabled (used when the transmitter is exclusively used in combination with DCB-NG)

## 2.3 Known limitations

### 2.3.1 Adding system units to the optical ring when powered on.

In case system units are added to the optical ring when the system is powered on, unexpected behavior can occur. Only connect units to the optical network when all units are powered off.

### 2.3.2 Audio disruption during powering up/down a CCU in a Multi CCU system.

During powering up/down a CCU in a Multi CCU system the audio on the delegate units, connected to the remaining CCU's, is shortly disrupted for 1 to 2 seconds.

### 2.3.3 Loss of the Interpreter Desk configuration after reboot of NCO in a Multi CCU system.

In case the Network Controller (NCO) in a Multi CCU system is rebooted within 30 seconds after change of the Interpreter Desk configuration, the configuration can be lost and the interpreter desk will be uninstalled.
Re-configure the interpreter desk and wait minimum 30 seconds before reboot the NCO.

### 2.3.4 Up to 6 CCU supported by the DCN-SWSMV Synoptic Microphone and Voting Software.

The DCN-SWSMV supports up to 6 CCU's in a Multi CCU system set-up. If more CCU's are required use the DCN Classic software modules.

# 3 Release 2.12

## 3.1 General

### 3.1.1 Release
February 5th 2005

### 3.1.2 Firmware/FPGA versions

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | 1.06 | 2.12.1246 | 3.41.1902 |
| DCN-CON | 1.0 | -- | -- |
| DCN-CONCS | | | |
| DCN-CONFF | 1.1 | 1.00.XXXX | -- |
| DCN-CONCM | | | |
| DCN-DDB | -- | 1.4.XXXX | -- |
| DCN-DDI | 1.3 | -- | -- |
| DCN-DIS | 1.11 | -- | -- |
| DCN-FCS | 1.0 | -- | -- |
| DCN-IDESK | 1.3 | 1.20.XXXX | -- |
| LBB 4402/00 | -- | 2.12.1246 | 3.41.1902 |
| PRS-4DEX4 | -- | 2.12.1246 | 3.41.1902 |
| LBB 4404/00 | -- | 2.12.1246 | 3.41.1902 |

### 3.1.3 Compatibility restrictions
The following versions are not compatible with this release:

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | ≤1.06 | -- | -- |
| LBB 4120 | 1.1 | -- | -- |

## 3.2 Errata

### 3.2.1 Integrus Manual: standby function
When switching off the DCN Next Generation CCU, the Integrus transmitter indicates “Network Error” and not “standby”. However, the radiators do switch to the standby mode. When the DCN Next Generation CCU is switched on again, the Integrus transmitter and the radiators return to the “on” mode.

### 3.2.2 Auxiliary function
The DCN-DISCS does not support “single delegate with auxiliary control mode” as mentioned in the Installation and User Instruction.

## 3.3 Known limitations

### 3.3.1 Microphone will be reset to default after de-init.
When a de-init is activated at the CCU the microphone is always set to microphone mode “open” with 2 active microphones.

### 3.3.2 Use of Developers Toolkit
The developers toolkit provided on this CD-ROM can only be used with Windows 2000.

### 3.3.3 Text “starting” remains on CCU
In a system with an Audio Expander and an Integrus transmitter, the text “starting” can remain on the display of the CCU after start up. On the display of the Audio Expanders 'No Network' is flashing.
Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

### 3.3.4 Network mode disabled results in faults
When the network mode of a transmitter is set to disabled, while connected to a DCN Next Generation system, noise on the loudspeakers in the DCN Next Generation system can occur.

Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

# 4 Release 2.10

## 4.1 General

### 4.1.1 Release Date

November 8th 2005

### 4.1.2 Firmware/FPGA versions

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | 1.06 | 2.10.1178 | 3.40.1785 |
| DCN-CON | 1.0 | -- | -- |
| DCN-CONCS | | | |
| DCN-CONFF | 1.0 | 1.00.XXXX | -- |
| DCN-CONCM | | | |
| DCN-DDB | -- | 1.3.XXXX | -- |
| DCN-DDI | 1.2 | -- | -- |
| DCN-DIS | 1.11 | -- | -- |
| DCN-FCS | 1.0 | -- | -- |
| DCN-IDESK | 1.3 | 1.20.XXXX | -- |
| LBB 4402/00 | -- | 2.10.1178 | 3.40.1785 |
| PRS-4DEX4 | -- | 2.10.1178 | 3.40.1785 |
| LBB 4404/00 | -- | 2.10.1178 | 3.40.1785 |

### 4.1.3 Compatibility restrictions

The following versions are not compatible with this release:

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | ≤1.06 | -- | -- |
| LBB 4120 | 1.1 | -- | -- |

## 4.2 Errata

### 4.2.1 Integrus Manual: standby function

When switching off the DCN Next Generation CCU, the Integrus transmitter indicates “Network Error” and not “standby”. However, the radiators do switch to the standby mode. When the DCN Next Generation CCU is switched on again, the Integrus transmitter and the radiators return to the “on” mode.

### 4.2.2 Auxiliary function

The DCN-DISCS does not support “single delegate with auxiliary control mode” as mentioned in the Installation and User Instruction.

## 4.3 Known limitations

### 4.3.1 Microphone will be reset to default after de-init.

When a de-init is activated at the CCU the microphone is always set to microphone mode “open” with 2 active microphones.

### 4.3.2 Use of Developers Toolkit

The developers toolkit provided on this CD-ROM can only be used with Windows 2000.

### 4.3.3 Text “starting” remains on CCU

In a system with an Audio Expander and an Integrus transmitter, the text “starting” can remain on the display of the CCU after start up. On the display of the Audio Expanders 'No Network' is flashing.
Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

### 4.3.4 Network mode disabled results in faults

When the network mode of a transmitter is set to disabled, while connected to a DCN Next Generation system, noise on the loudspeakers in the DCN Next Generation system can occur.

Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

# 5 Release 2.01

## 5.1 General

### 5.1.1 Release Date

May 30th 2005

### 5.1.2 Firmware/FPGA versions

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | 1.06 | 2.01.0989 | 3.10.1716 |
| DCN-CON | 1.0 | 2.00.XXXX | -- |
| DCN-CONCS | | | |
| DCN-CONFF | 1.0 | 1.00.XXXX | -- |
| DCN-CONCM | | | |
| DCN-DDB | -- | 1.3.XXXX | -- |
| DCN-DDI | 1.0 | -- | -- |
| DCN-FCS | 1.0 | -- | -- |
| DCN-IDESK | 1.3 | 1.10.XXXX | -- |
| LBB 4402/00 | -- | 2.01.0989 | 3.10.1716 |

### 5.1.3 Compatibility restrictions

The following versions are not compatible with this release:

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | ≤1.00 | -- | -- |
| LBB 4120 | 1.0 | -- | -- |

## 5.2 Errata

### 5.2.1 Quick Reference Card DCN-IDESK

The message functionality operates as follows:
When the interpreter desk receives a message, the message is displayed directly on the display. When pressing the message button the message will be erased from the display.

The message is not displayed when pressing the message button again.

### 5.2.2 Integrus Manual: standby function

When switching off the DCN Next Generation CCU, the Integrus transmitter indicates “Network Error” and not “standby”. However, the radiators do switch to the standby mode. When the DCN Next Generation CCU is switched on again, the Integrus transmitter and the radiators return to the “on” mode.

## 5.3 Known limitations

### 5.3.1 System: reset of units after connecting new units to a trunk

When a device to a LBB 4114/00 or LBB 4115/00, which is connected to the DCN-CCU Central Control Unit, it can happen that all units in that same trunk reset. After reset the units come back to default settings. The units in the trunk will not reset if a unit is connected to a Tap-off outlet of a LBB 4115/00 Splitter protected.
If it is important that the channel selectors are not reset to default in above described situation: use the auto restore function of the channel selector. See the Installation and User Instruction for how to set the auto restore function.

If it is important that you can connect and replace each unit during operation, without the above described reset behavior: power the units with the DCN-EPS Extension Power Supply Unit. The DCN-EPS Extension Power Supply Unit is less prone to the inrush current

### 5.3.2 Use of Developers Toolkit

The developers toolkit provided on this CD-ROM can only be used with Windows 2000.

### 5.3.3 Text “starting” remains on CCU

In a system with an Audio Expander and an Integrus transmitter, the text “starting” can remain on the display of the CCU after start up. On the display of the Audio Expanders 'No Network' is flashing.
Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

### 5.3.4 Network mode disabled results in faults

When the network mode of a transmitter is set to disabled, while connected to a DCN Next Generation system, noise on the loudspeakers in the DCN Next Generation system can occur.

Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

# 6 Release 2.00

## 6.1 General

### 6.1.1 Release Date

March 3th 2005

### 6.1.2 Firmware/FPGA versions

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | 1.06 | 2.00.0920 | 3.10.1667 |
| DCN-CON | 1.0 | 2.00.XXXX | -- |
| DCN-CONCS | | | |
| DCN-CONFF | 1.0 | 1.00.XXXX | -- |
| DCN-CONCM | | | |
| DCN-DDB | -- | 1.3.XXXX | -- |
| DCN-DDI | 1.0 | -- | -- |
| DCN-FCS | 1.0 | -- | -- |
| DCN-IDESK | 1.3 | 1.10.XXXX | -- |
| LBB 4402/00 | -- | 2.00.0920 | 3.10.1667 |

### 6.1.3 Compatibility restrictions

The following versions are not compatible with this release:

| Product | FPGA | SW | FW |
|---|---|---|---|
| DCN-CCU | ≤1.00 | -- | -- |
| LBB 4120 | 1.0 | -- | -- |

## 6.2 Errata

### 6.2.1 Quick Reference Card DCN-IDESK

The message functionality operates as follows:
When the interpreter desk receives a message, the message is displayed directly on the display. When pressing the message button the message will be erased from the display.

The message is not displayed when pressing the message button again.

### 6.2.2 Integrus Manual: standby function

When switching off the DCN Next Generation CCU, the Integrus transmitter indicates “Network Error” and not “standby”. However, the radiators do switch to the standby mode. When the DCN Next Generation CCU is switched on again, the Integrus transmitter and the radiators return to the “on” mode.

## 6.3 Known limitations

### 6.3.1 System: reset of units after connecting new units to a trunk

When a device to a LBB 4114/00 or LBB 4115/00, which is connected to the DCN-CCU Central Control Unit, it can happen that all units in that same trunk reset. After reset the units come back to default settings. The units in the trunk will not reset if a unit is connected to a Tap-off outlet of a LBB 4115/00 Splitter protected.
If it is important that the channel selectors are not reset to default in above described situation: use the auto restore function of the channel selector. See the Installation and User Instruction for how to set the auto restore function.

If it is important that you can connect and replace each unit during operation, without the above described reset behavior: power the units with the DCN-EPS Extension Power Supply Unit. The DCN-EPS Extension Power Supply Unit is less prone to the inrush current

### 6.3.2 Use of Developers Toolkit

The developers toolkit provided on this CD-ROM can only be used with Windows 2000.

### 6.3.3 Text “starting” remains on CCU

In a system with an Audio Expander and an Integrus transmitter, the text “starting” can remain on the display of the CCU after start up. On the display of the Audio Expanders 'No Network' is flashing.
Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

### 6.3.4 Network mode disabled results in faults

When the network mode of a transmitter is set to disabled, while connected to a DCN Next Generation system, noise on the loudspeakers in the DCN Next Generation system can occur.

Switch the network mode of the Integrus transmitter to enabled and the problem will be solved.

# 7 Release 1.12

## 7.1 General

### 7.1.1 Release Date

December 10th 2004

### 7.1.2 Firmware/FPGA versions

| Product | FPGA | SWA | SWB |
|---|---|---|---|
| LBB 4100 | 1.00 | 1.12.0769 | 2.11.1416 |
| LBB 4112 | -- | 1.3 | -- |
| LBB 4120 | 1.3 | 1.10.XXXX | -- |
| LBB 4124 | 1.0 | -- | -- |
| LBB 4402 | -- | 1.12.0769 | 2.11.1416 |

### 7.1.3 Compatibility restrictions

| | | | |
|---|---|---|---|
| LBB 4120 | 1.0 | -- | -- |

## 7.2 Errata

### 7.2.1 Audio Expander: not possible to disable audio outputs using input contacts

In paragraph 10.3.5 of the Installation and User Instructions is described that the audio outputs 1 to 4 can be disabled by closing respectively control input 5 to 8. This function is not supported. However disabling audio inputs 1 to 4 by closing respectively control input 1 to 4 is supported.

### 7.2.2 Audio Expander: power consumption 7.6 Watt

The power consumption of the LBB 4402/00 Audio Expander is 7.6 Watt instead of 5.6 Watt. Add power by using a Network Splitter (LBB 4410/00) with an external power supply in case the power is insufficient.

## 7.3 Known limitations

### 7.3.1 System: reset of units after connecting new units to a trunk

When a Channel Selector, Interpreter desk, Trunk Splitter, Tap-off unit or Extended power supply is connected to a trunk, which is connected to the LBB 4100 Central Control Unit, it can happen that all units in that same trunk reset. After reset the units come back to default settings. The units in the trunk will not reset if a unit is connected to a Tap-off outlet of a Tap-off unit.
If it is important that the channel selectors are not reset to default in above described situation: use the auto restore function of the channel selector.

See the Installation and User Instruction for how to set the auto restore function.

If it is important that you can connect and replace each unit during operation, without the above described reset behavior: power the units with the LBB 4106 Extension Power Supply Unit. The LBB 4106 Extension Power Supply Unit is less prone to the inrush current.

### 7.3.2 System: noise during system start

During system start up noise is heard for a maximum time of 30 seconds. The noise is heard from the headphones connected to the channel selectors and interpreter desks and the loudspeaker of the interpreter desks.

### 7.3.3 Central Control Unit: fault contact closed despite system is ok

When the system is initialized for four times, the fault contact is activated, while the system works properly. Switch off the CCU in order to reset the fault contact.

### 7.3.4 Audio Expander: not more than one input used for floor insertion

Undefined behavior occurs if more than one audio input is used for floor insertion per system. Use not more than one audio input for floor insertion.

# 8 Release 1.11

## 8.1 General

### 8.1.1 Release Date

July 23rd 2004

### 8.1.2 Firmware/FPGA versions

| Product | FPGA | SWA | SWB |
|---|---|---|---|
| LBB 4100 | 1.00 | 1.11.0579 | 2.11.1416 |
| LBB 4112 | -- | 1.3 | -- |
| LBB 4120 | 1.1 | 1.10.XXXX | -- |
| LBB 4124 | 1.0 | -- | -- |
| LBB 4402 | -- | 1.11.0579 | 2.11.1416 |

### 8.1.3 Compatibility restrictions

| | | | |
|---|---|---|---|
| LBB 4120 | 1.0 | -- | -- |

## 8.2 Errata

### 8.2.1 Audio Expander: not possible to disable audio outputs using input contacts

In paragraph 10.3.5 of the Installation and User Instructions is described that the audio outputs 1 to 4 can be disabled by closing respectively control input 5 to 8. This function is not supported. However disabling audio inputs 1 to 4 by closing respectively control input 1 to 4 is supported.

### 8.2.2 Audio Expander: power consumption 7.6 Watt

The power consumption of the LBB 4402/00 Audio Expander is 7.6 Watt instead of 5.6 Watt. Add power by using a Network Splitter (LBB 4410/00) with an external power supply in case the power is insufficient.

## 8.3 Known limitations

### 8.3.1 System: reset of units after connecting new units to a trunk

When a Channel Selector, Interpreter desk, Trunk Splitter, Tap-off unit or Extended power supply is connected to a trunk, which is connected to the LBB 4100 Central Control Unit, it can happen that all units in that same trunk reset. After reset the units come back to default settings. The units in the trunk will not reset if a unit is connected to a Tap-off outlet of a Tap-off unit.
If it is important that the channel selectors are not reset to default in above described situation: use the auto restore function of the channel selector.

See the Installation and User Instruction for how to set the auto restore function.

If it is important that you can connect and replace each unit during operation, without the above described reset behavior: power the units with the LBB 4106 Extension Power Supply Unit. The LBB 4106 Extension Power Supply Unit is less prone to the inrush current.

### 8.3.2 System: noise during system start

During system start up noise is heard for a maximum time of 30 seconds. The noise is heard from the headphones connected to the channel selectors and interpreter desks and the loudspeaker of the interpreter desks.

### 8.3.3 Central Control Unit: fault contact closed despite system is ok

When the system is initialized for four times, the fault contact is activated, while the system works properly. Switch off the CCU in order to reset the fault contact.

### 8.3.4 Audio Expander: not more than one input used for floor insertion

Undefined behavior occurs if more than one audio input is used for floor insertion per system. Use not more than one audio input for floor insertion.

# 9 Release 1.10

## 9.1 General

### 9.1.1 Release Date

June 25th 2004

### 9.1.2 Firmware/FPGA versions

| Product | FPGA | SWA | SWB |
|---|---|---|---|
| LBB 4100 | 1.00 | 1.10.0569 | 2.11.1416 |
| LBB 4112 | -- | 1.3 | -- |
| LBB 4120 | 1.1 | 1.00.0569 | -- |
| LBB 4124 | 1.0 | -- | -- |
| LBB 4402 | -- | 1.10.0569 | 2.11.1416 |

### 9.1.3 Compatibility restrictions

| | | | |
|---|---|---|---|
| LBB 4120 | 1.0 | -- | -- |

## 9.2 Errata

### 9.2.1 Audio Expander: not possible to disable audio outputs using input contacts

In paragraph 10.3.5 of the Installation and User Instructions is described that the audio outputs 1 to 4 can be disabled by closing respectively control input 5 to 8. This function is not supported. However disabling audio inputs 1 to 4 by closing respectively control input 1 to 4 is supported.

### 9.2.2 Audio Expander: power consumption 7.6 Watt

The power consumption of the LBB 4402/00 Audio Expander is 7.6 Watt instead of 5.6 Watt. Add power by using a Network Splitter (LBB 4410/00) with an external power supply in case the power is insufficient.

## 9.3 Known limitations

### 9.3.1 System: reset of units after connecting new units to a trunk

When a Channel Selector, Interpreter desk, Trunk Splitter, Tap-off unit or Extended power supply is connected to a trunk, which is connected to the LBB 4100 Central Control Unit, it can happen that all units in that same trunk reset. After reset the units come back to default settings. The units in the trunk will not reset if a unit is connected to a Tap-off outlet of a Tap-off unit.

If it is important that the channel selectors are not reset to default in above described situation: use the auto restore function of the channel selector. See the Installation and User Instruction for how to set the auto restore function.

If it is important that you can connect and replace each unit during operation, without the above described reset behavior: power the units with the LBB 4106 Extension Power Supply Unit. The LBB 4106 Extension Power Supply Unit is less prone to the inrush current.

### 9.3.2 System: noise during system start

During system start up noise is heard for a maximum time of 30 seconds. The noise is heard from the headphones connected to the channel selectors and interpreter desks and the loudspeaker of the interpreter desks.

### 9.3.3 Central Control Unit: fault contact closed despite system is ok

When the system is initialized for four times, the fault contact is activated, while the system works properly. Switch off the CCU in order to reset the fault contact.

### 9.3.4 Audio Expander: not more than one input used for floor insertion

Undefined behavior occurs if more than one audio input is used for floor insertion per system. Use not more than one audio input for floor insertion.

# 10 Release 1.00

## 10.1 General

### 10.1.1 Release Date
June 15th 2004

### 10.1.2 Firmware/FPGA versions

| Product | FPGA | SWA | SWB |
|---|---|---|---|
| LBB 4100 | 1.00 | 1.00.0552 | 2.10.1402 |
| LBB 4112 | -- | 1.3 | -- |
| LBB 4120 | 1.0 | 1.00.0552 | -- |
| LBB 4124 | 1.0 | -- | -- |
| LBB 4402 | -- | 1.00.0552 | 2.10.1402 |

## 10.2 Errata

### 10.2.1 Audio Expander: not possible to disable audio outputs using input contacts
In paragraph 10.3.5 of the Installation and User Instructions is described that the audio outputs 1 to 4 can be disabled by closing respectively control input 5 to 8. This function is not supported. However disabling audio inputs 1 to 4 by closing respectively control input 1 to 4 is supported.

### 10.2.2 Audio Expander: output range 12 dB
In paragraph 10.7.7 of the Installation and User Instructions is the output range specified as 30 dB, while the output range is 12 dB. Table 10.3 of the Installation and User Instructions represent the correct values.

### 10.2.3 Audio Expander: power consumption 7.6 Watt
The power consumption of the LBB 4402/00 Audio Expander is 7.6 Watt instead of 5.6 Watt. Add power by using a Network Splitter (LBB 4410/00) with an external power supply in case the power is insufficient.

## 10.3 Known limitations

### 10.3.1 System: reset of units after connecting new units to a trunk
When a Channel Selector, Interpreter desk, Trunk Splitter, Tap-off unit or Extended power supply is connected to a trunk, which is connected to the LBB 4100 Central Control Unit, it can happen that all units in that same trunk reset. After reset the units come back to default settings. The units in the trunk will not reset if a unit is connected to a Tap-off outlet of a Tap-off unit.

If it is important that the channel selectors are not reset to default in above described situation: use the auto restore function of the channel selector. See the Installation and User Instruction for how to set the auto restore function.

If it is important that you can connect and replace each unit during operation, without the above described reset behavior: power the units with the LBB 4106 Extension Power Supply Unit. The LBB 4106 Extension Power Supply Unit is less prone to the inrush current.

### 10.3.2 System: noise during system start
During system start up noise is heard for a maximum time of 30 seconds. The noise is heard from the headphones connected to the channel selectors and interpreter desks and the loudspeaker of the interpreter desks.

### 10.3.3 Central Control Unit: fault contact closed despite system is ok
When the system is initialized for four times, the fault contact is activated, while the system works properly. Switch off the CCU in order to reset the fault contact.

### 10.3.4 Audio Expander: not more than one input used for floor insertion
Undefined behavior occurs if more than one audio input is used for floor insertion per system. Use not more than one audio input for floor insertion.

# 11 History

| Release | Release Date | Release Comments |
|---|---|---|
| 2.4 | 2007-03-08 | • Support for Multi CCU applications.<br>• Bugs solved. |
| 2.12 | 2006-02-05 | • System bug solved: At room temperature higher than 25 degree's system reboot may not work properly.<br>• Concentus bug solved: Audio may contain hearable ticks. |
| 2.10 | 2005-10-10 | • Support for new Discussion units, Cobranet Interface and Digital Audio expander.<br>• System bug solved: system reset of units after connecting new units to a trunk |
| 2.01 | 2005-05-30 | • Multi PC improved<br>• CCU: solved bug. The display shows 'starting' and the navigation doesn't work.<br>• Control PC bug solved. After deleting two or more consecutive records from delegate database, individual voting results may not be correct (This did not affect total results.) |
| 2.00 | 2005-03-03 | • Concentus and Flush mounted units added.<br>• Software function added: Microphone Management, Synoptic Control, Intercom, Parliamentary Voting, Multi Voting, Attendance Registration, Delegate Database, ID cared encoder, Message Distribution, Text/Status Display, Video Display, Camera Control and Standalone Camera Control. |
| 1.12 | 2004-12-10 | • Interpreter desk: solved bug in audio switching from pre-select to floor |
| 1.11 | 2004-07-23 | • Interpreter desk: solved bug in audio switching behavior of pre-selects (incoming channels) |
| 1.10 | 2004-06-25 | • Audio Expander: increased output range to 30 dB<br>• Interpreter desk:<br>– improved response time of actions related with microphone button<br>– default outgoing B is equal to outgoing A<br>• Open Interface: compatibility restored with previous versions of Open Interface. |
| 1.00 | 2004-06-15 | • Initial version |

For more information please visit www.boschsecurity.com



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