INFORMATION	DHD - Applications
Version	**3.20**
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DHD-Server
Platform server - Build 3.2.0.42 - Release Tue 03-Jun-2014

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Audisi DHD = Digital audio system control toolbox

Get even more out of your existing digital audio platform hardware. This set of client/server applications was designed to provide solutions using equipment that's already in house. So you need less hardware and/or get access to unique features.

DHD client/server applications have access to routing, talkback, monitoring, mixing, processing, logics, event timing, displays and presets. All kinds of extra functionality can now be controlled from clients anywhere in the world via your network.

Some examples:
- Audio input selector for an audio workstation, use any audio feed from the matrix
- Director control station providing monitoring of and talkback to many live connections
- Complex studio to transmitter switching with special automation, status reports and remote control
- Audio follows video, various types of video routing protocol conversion to save on hardware and installation and at the same time provide more functionality

CONTENTS

FEATURES

Mission criticle

Ultra stable. Since remote control should be.

Customizable

Clients can be tailored to you needs.

Flexible licensing system

CAB uses one central license based on a concurrent use ('floating license') principle. Just select what mix of applications will be used at any given time up to the maximum license value. Licences can be adapted easily by using an update application. There is no need to install a dongle on each machine or sending dongles by mail for each license change.

Easy installation

Applications can be started from a local drive or over the network. The server is equipped with an embedded database driver so there is no need to install a database server or additional driver software on each machine. Almost all changes to settings are effective immediately without restarting applications.

Robust and low maintenance

All clients reconnect to the server automatically as soon as the network becomes available again. Because only the server 'owns' the database, there is no risk of record or file locking. In case of replacing a defective machine, reconfiguration is not necessary: all clients save their settings in the central database, not in local files or (worse) the registry.

CLIENT/SERVER COMPONENTS

Besides the central DHD-Server, the system consists of multiple specialized client applications. Using the server saves costs of database licenses. It enables sharing metadata and real-time status and control via a standard TCP/IP network.

DHD-ForVideo
Knows how to listen to a video router and create corresponding audio crosspoints. Saves an extra audio router.

DHD-VoxBooth
Select mic preset, select headphones audio sources, control levels and use mic live indication with mic mute function. Saves special hardware boxes.

DHD-Router
Select the audio source for up to 8 different outputs of a router.

DHD-Talk078
Listen to incoming audio connections with source selection, talkback into the corresponding return audio (e.g. clean feed), control monitor levels per line with fader-on indication.

DHD-LCD079
Studio switching custom made for your situation.

DHD-SERVER

Platform server

Description

Central (database) server that accepts connections of various types of clients that exchange data and control.

Features

- Safety: the server can generate automatic database backups

DHD-ForVideo (CLIENT)

Audio follows video

Description

Protocol conversion between various models of video routers and audio router. Routes audio according to crosspoints on 1 or more video levels. Up to 8 audio channels per crosspoint. Including studio on-air logics and studio talkback routing.

Features

- Safety: Automatically reconnects to the server.

DHD-VoxBooth (CLIENT)

Voice booth control

Description

Select mic preset, select headphones audio sources, control levels and use mic live indication with mic mute function. Saves special hardware boxes.

Features

- Safety: Automatically reconnects to the server

DHD-Router (CLIENT)

Source selectors

Description

Select the audio source for up to 8 different outputs of a router.

Features

- Safety: Automatically reconnects to the server

DHD-Talk078 (CLIENT)

Talk and listen

Description

Listen to incoming audio connections with source selection, talkback into the corresponding return audio (e.g. clean feed), control monitor levels per line with fader-on indication.

Features

- Safety: Automatically reconnects to the server

DHD-LCD079 (CLIENT)

Studio switching

Description

Studio switching custom made for your situation.

Features

- Safety: Automatically reconnects to the server

DOCUMENT HISTORY

Date	Version	Author	Changes
2014-Sep-11	3.23	BCL	• New