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DARE
DARE PROFESSIONAL AUDIO

DareAudioSys Quick Start Guide

Welcome to DareAudioSys

DareAudioSys represents the next generations of DareAudioSys system design software.
This guide will help you understand the functionality of DareAudioSys. You will be able to map a system and control other users access to specific aspects of that system.
The guide is organizes as follows:
Getting Started
Contact Information

Getting Started

Installation
Support Operating Systems:
32/64 bit versions of Windows® XP/Vista/7/8.1/10
No support for Mac OS® Operating System.

Minimum Performance Guidelines:
CPU: 64-bit dual core @ 2.0GHz or better.

Optimal Performance Guidelines:
CPU: 64@bit dual core @ 2.5GHz or better
RAM: 4GB or more
OS: 64-bit windows 8.1/10

Software Layouts

DareAudioSys

File Connect Setting Edit Language Upgrade About

Tabs:

File, Connect, Setting, Edit, etc,

Device Lists:

Processor

Device 1#

Device 2#

Device 3#

Device 4#
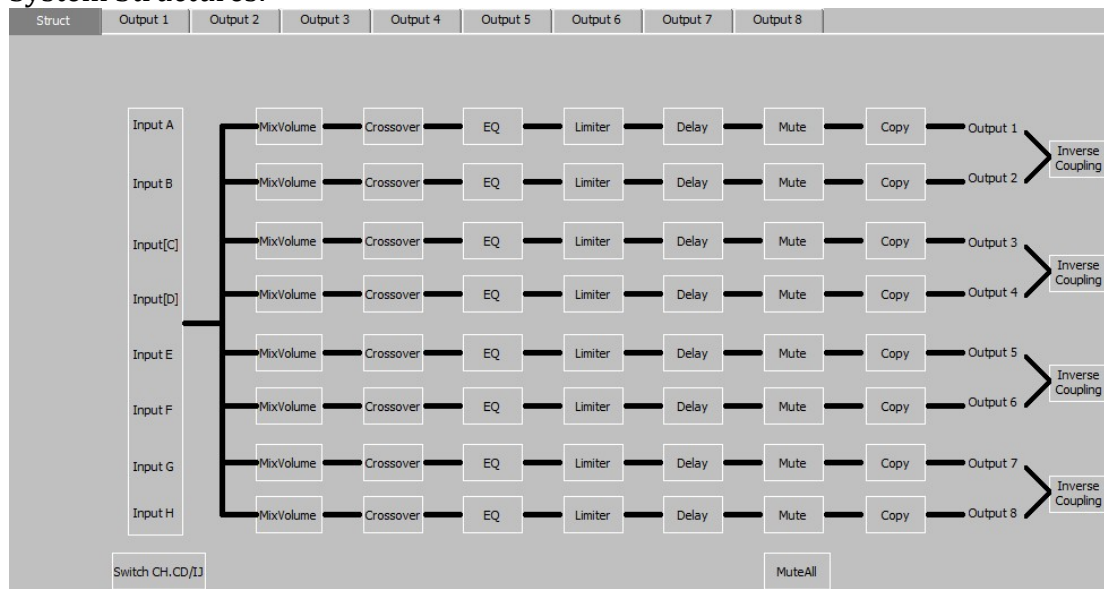
Device 5#

Device 6#

Device 7#

Device 8#

Device 9#

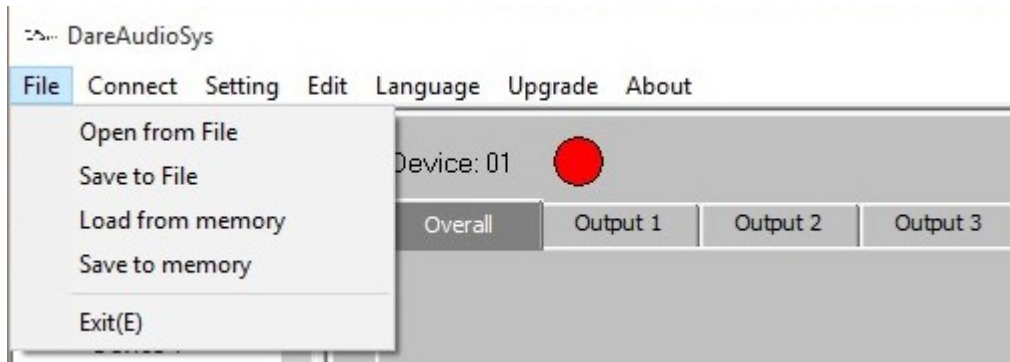Device 10#

Device 11#

Device 12#

System Structures:

| Struct | Output 1 | Output 2 | Output 3 | Output 4 | Output 5 | Output 6 | Output 7 | Output 8 | |

Input A	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 1	Inverse Coupling
Input B	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 2	
Input[C]	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 3	Inverse Coupling
Input[D]	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 4	
Input E	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 5	Inverse Coupling
Input F	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 6	
Input G	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 7	Inverse Coupling
Input H	MixVolume	Crossover	EQ	Limiter	Delay	Mute	Copy	Output 8	

Switch CH.CD/IJ   MuteAll

Current Program Display:

Current program: Dare1

File Menu

Open from file
Select file to open. This will close the current DareAudioSys file.
Save to file
Save current data to an opened file.
Load from memory
Load your own presets from the internal memory of the selected device.
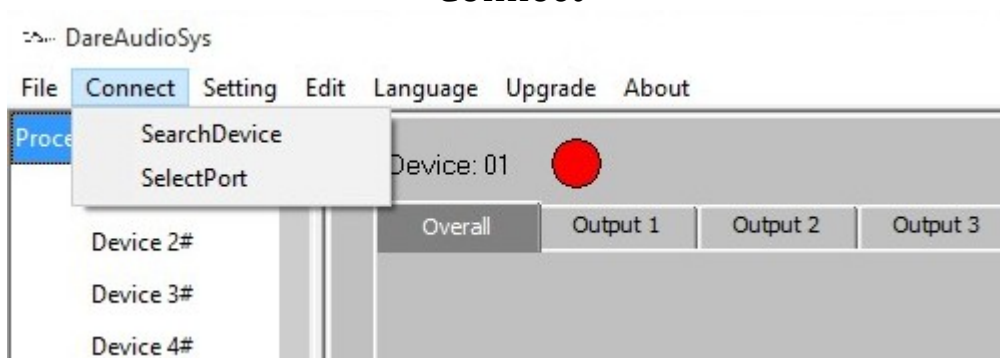Save to memory
Save your own presets into the internal memory of the selected device.
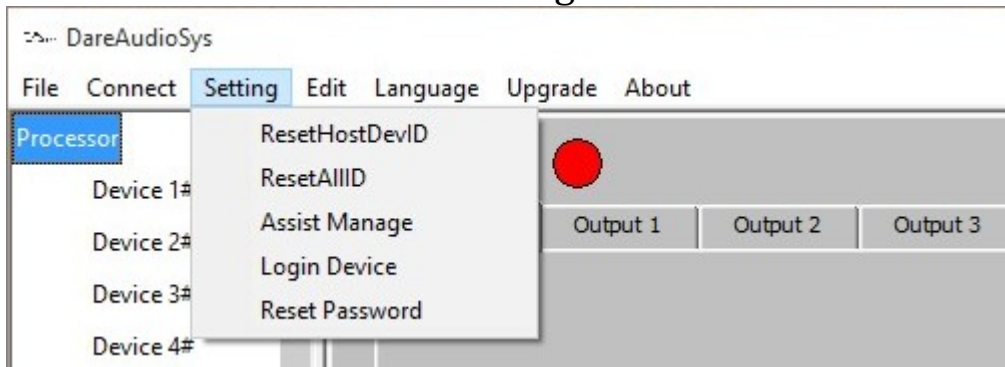Exit
Close DareAudioSys program immediately.

Connect

Search Device
Search all connected compatible device.
Select Port
This function allows you to connect with device either by USB or RS485.

Setting

Reset Host DevID
Reset Device ID number for current device.
Reset ALLID
Reset Device ID for all devices connected in the whole network.

Assist Manage

There are 4 functions to change the working mode of this amplifier.
Volume control: Enable/Disable the knob on the device for control the main volume.
Hardware Load: Use DIPs at the rear panel of HL2/HL3/HL4. No effective for other device.
Temperature: Amplifier output power will change automatically when temperature is too high when switched on. Power output will turn off output immediately if turned off.
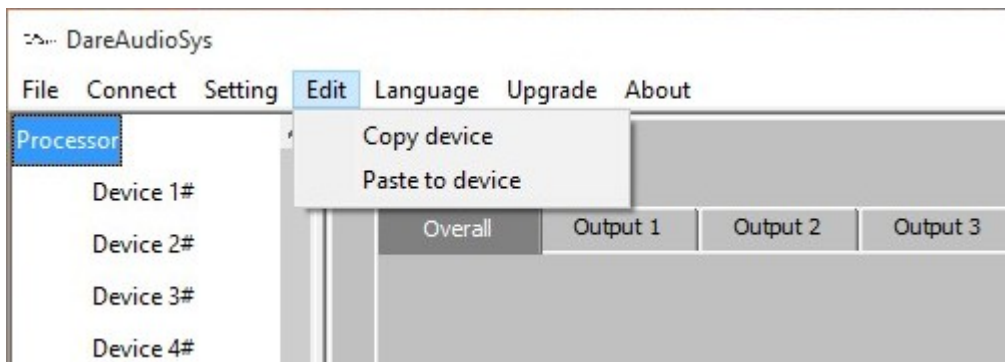Login Device
Type your DSP login password to modify the settings.
Reset Password
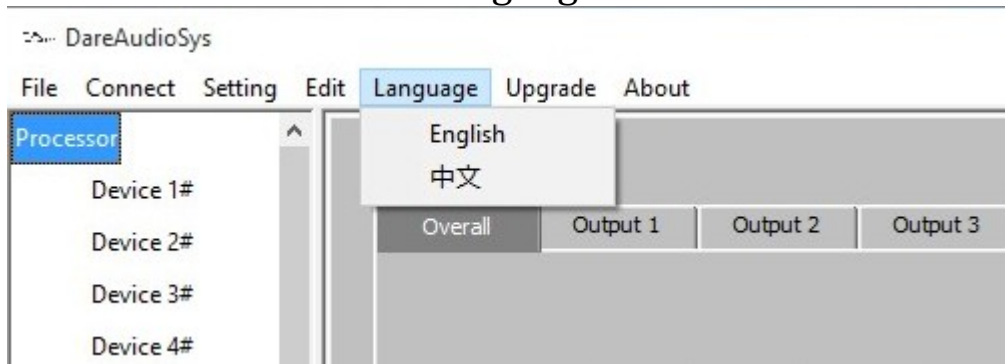Change DSP administration password.

Edit

Copy device
Generate the device setting file with the name *.xcc into
#users#/documents/DareAudioSys Data/ folder. This file can be used for
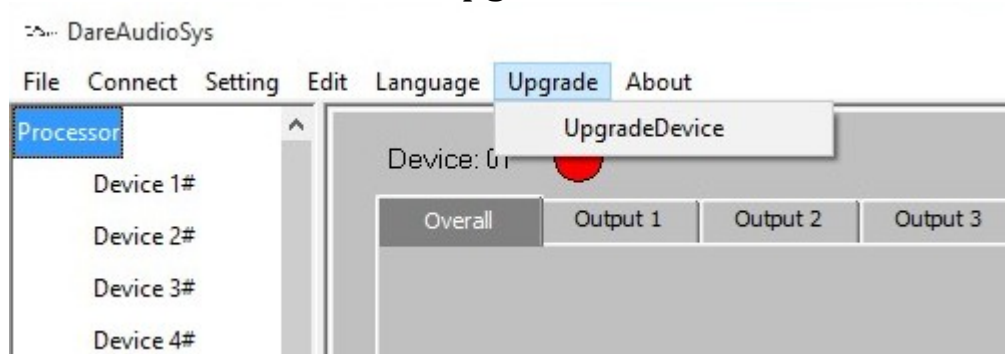transfer to other devices.
Paste to device
Load generated device file to other device. Device should be at the same model.

Language

There are 2 language options to choose both in English and Simplified Chinese.
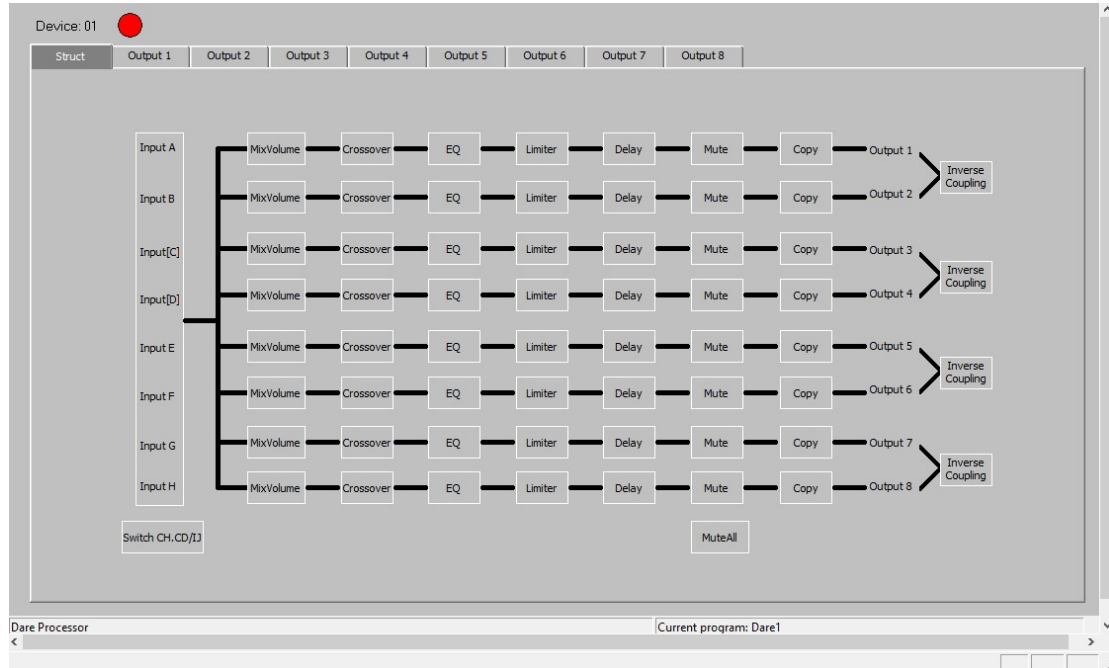
Upgrade

This tools uses for device firmware update by end user. Please disconnect all
devices with computer and follow the instructions at the software upgrade page.

About

For check the software version information.
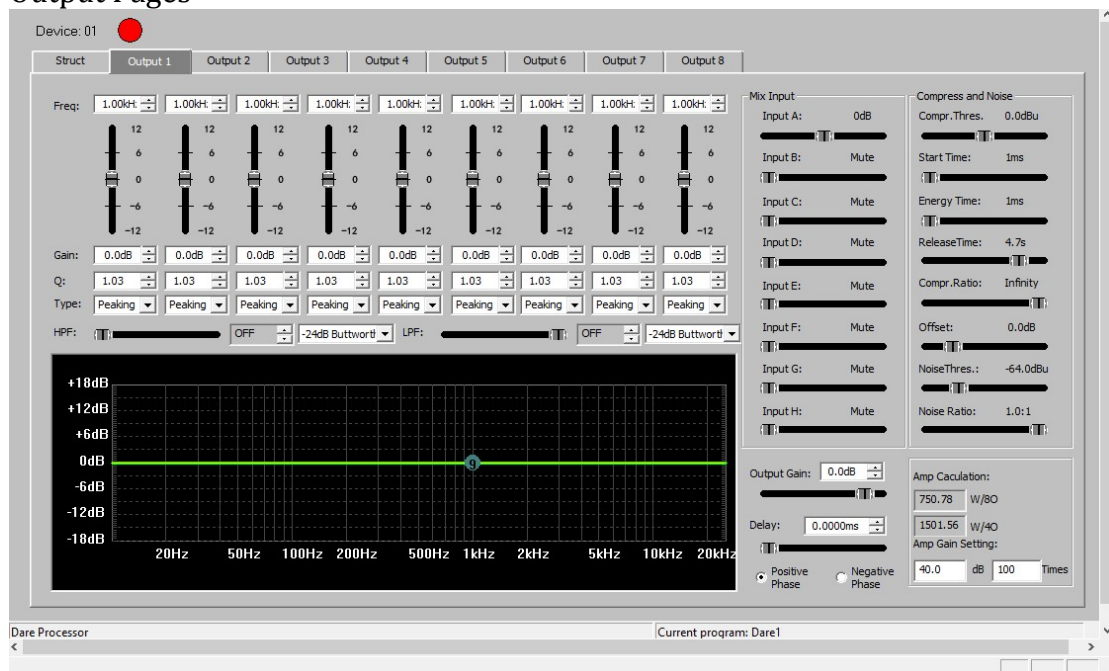
Panels

Structure

There are 8 inputs in the DSP module. Actual input ports amount depends the device you are using. For example, HL2 has 2 inputs. So only input A and B is available to control. Other inputs will be no use.

Inverse Coupling
Each 2-neighboring channel can be set as inverse coupling mode. It will be set as bridged mode after you click that button. No settings available for the 2nd channel.
For example, if you use output channel 1&2 at inverse coupling mode. You can only change the parameters for channel 1. That will work. But when you load another preset or other machine file. Inverse coupling mode should be re-setup.

Output Pages

There are 8 output pages to control the each outputs separately. Each page contains the parameters of each output. 9-point parametric EQ, input routing, compressor and noise gate.

Equalizer
Each output channel has a 9-point parametric equalizer. Curve can be also set as Hi-Shelf or Lo-Shelf.
Crossover
Change the frequency range of the output channel to fit the specification for the speaker driver.

Mix Input
Mix input use for change the input levels for each input port routing to output.
Output Gain
Attenuate the output gain level for each channel.
Delay
Set the delay time for each channel.
Phase position
Set the phase positive or negative.
Compressor and Noise Gate
Set the parameters of the compressor and noise gate.

Power Calculation
This is a simple calculator for user to estimate the actual power output for the amplifier.

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