Exploring the Features

Modularity Redefined
The 52/MX takes audio mixing to a totally new level in flexibility. Many different control modules are available – just pick what you need for your application. They all integrate seamlessly and give you the control surface you want. No matter if you need a mixer for a small editing suite, a live DJ desk, an OB van or even a large-scale main control room console – it is easy to tailor the mixer according to your requirements.

All control modules are connected via standard CAT 5/6 cables, which provide audio, power and control data. This gives you the freedom to place modules in the furniture as you like, without worrying about cable lengths. That way, you can build the mixer according to how you work and not the other way around. Add the advanced interface capabilities of the TFT multitouch screens and you get a truly flexible audio mixer.

Flexibility for Your Application
The Series 52 is not just hardware – the real power is the configuration. With an easy-to-use Windows software, you can configure the behaviour of the system to match your application. If things change later on, it is no problem to adapt your installation. This is especially useful if a studio needs to support new or changing workflows in the future.

Find out more at www.dhd.audio

Real Modularity

52-4308D
Control Module
52-4505A
Pushbutton Module
52-4527D
Loudspeaker Module
52-4010
TFT Display, multitouch, IPS, 10.1”
52-4411A
Pushbutton Module
52-4412D
Control Module
52-4424D
Loudspeaker Module
52-4402B
Control Module
52-4306A
TFT Encoder Module
52-4304A
TFT Encoder Module
52-4516A
Pushbutton Module
52-4414A
TFT Control Module
52-4018
TFT Display, multitouch, IPS, 7”

Software and Application software overview

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Digital Broadcast Technology
Fitting Your Installation

DSP Power as Required

Machine Room
52/XC2 Core

Exceeding your Expectations

4 Faders for DJs and Journalists
32 Faders with Layers for On-Air

12 Faders for On Air Engineers

Making your DSP core if you need a speaker and

Configuration Made Easy

Take a 52/SC1 and connect this box to

Configuration Made Easy

Full Features: Rack-Mounted

The standard system can be enhanced
due to the system's flexibility.

Full Features: Rack-Mounted

Configuration Made Easy

TFT Touch Screen in Control

The central TFT touch screen shows detailed
information for selected channels, routing
and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does neither convey nor imply any license under patent rights or other industrial or intellectual property rights.

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Fitting Your Installation

DSP Power as Required

Configuration Made Easy

The 52/XC2 Core provides 12 APC ports. These are standard CAT 5/6 connectors which can be used for connecting an Ethernet switch or directly to a computer. The standard system can be extended with the Toolbox9 configuration software. This is an example of a distributed installation with studio and machine room.

Exceeding your Expectations

The central section provides all features you need for monitoring, talkback and control – just what you need – the mixer for standard broadcast environments.

Made for Broadcast

The signal processing core of the 52/MX is contained in a compact, low-power 1 U module. DSP cores from the 52/XC2 or 52/XD2 product lines can be used. This specialised and rock-solid hardware is maintained in a compact, low-power 1 U module.

Made for a Distributed System

The signal processing core of the 52/MX is contained in a compact, low-power 1 U module. DSP cores from the 52/XC2 or 52/XD2 product lines can be used. This specialised and rock-solid hardware is maintained in a compact, low-power 1 U module.

20 Faders with Layers for On-Air Production and Control Rooms

Main control CB can be a studio – it’s easy to create your custom console from the variety of available control modules.

Each fader strip provides many control elements for use in the studio and integrates with any D2000 or D2050 fader strip. This allows flexibility in the design of your control surface.

The central control surface provides features to optimise the design of a control room.

The central I/O port is a bay element for flexible and direct control of the DHD product. It allows you to connect and control all modules and concentrators. The signal processing core of the 52/MX is contained in a compact, low-power 1 U module. DSP cores from the 52/XC2 or 52/XD2 product lines can be used. This specialised and rock-solid hardware is maintained in a compact, low-power 1 U module.

The 52/XC2 Core provides 12 APC ports. These are used for connecting an Ethernet switch or directly to a computer. The standard system can be extended with the Toolbox9 configuration software.

There are modules available for interfacing Dante networks and interfaces with the core module. They are used as XLR-I/O modules with half 19-inch width connectors for audio and control signals are available.

Connections for audio and control signals are available on the 52/XC series modules with half 19-inch width connectors. They are used as XLR-I/O modules with half 19-inch width connectors for audio and control signals.

The 52/XD2 Core provides 24 APC ports. These are used for connecting an Ethernet switch or directly to a computer. The standard system can be extended with the Toolbox9 configuration software.

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Fitting Your Installation

Configuration Made Easy

To get a 52/MX system up and running, it is configured using the Touch Panel of the DSP core. This is typically done by DHD or your system integrator and implements your requirements into the system setup. However, if you need to change it later on, just use the Toolbox9 software again and you are done.

Exceeding your Expectations

4 Faders for DJs and Journalists

The central section provides all features you need for mixing live. The central TFT touch screen shows detailed information for selected channels, routing and 3G/HD-SDI processing. The standard system can be equipped with many different functions, e.g. for automation.

6 Faders for Main Operators

Your desk, flat or slightly lifted in the furniture or even upright in a rack unit. The TFT touch screen is a key element for flexible and direct control of the mixer. The signal processing core of the system is contained in a low-power 1 U module. DSP cores from the 52/XC2 or 52/XD2 product lines can be used. This specialized and rock-solid hardware does all the audio and logic processing in the system. It is a full feature solution that enables you to design your own console from the variety of available control modules.

6 Faders for On-Air Engineers

Taking a CAT5 cable and connecting this box to your system work.

12 Faders for On-Air Production and Control Rooms

Every fader strip provides many control elements. The 52/XC2 or 52/XD2 core has 12 APC ports. These are fanless. The central section provides all features you need for quick direct access. The TFT touch screen shows signal levels and settings for each fader at one glance. Both features are essential for mixing live.

Configuration Made Easy

Made for Broadcast

The standard system can be equipped with many different functions, e.g. for automation.

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DSP Power as Required

The DSP Core, Heart of the System

You can also use the Views App in a browser window on any device. The standard system can be extended to handle an audio matrix of any size. It can handle up to 12 52/XC2 Concentrator boxes and control modules right where they are needed. This way, your setup benefits from standard CAT cables, which carry Audio, Power and Control signals in the same cable – hence the name “CAT 5/6”.

18 Faders for Production and Control Rooms

This configuration is what makes your requirements into the system. Using the configuration software, you can put many different functions into your system work. Your problem is solved. Use it as a stand-alone device or as part of a larger system. This configuration provides all features you need for quick direct access. The TFT touch screen shows signal levels and settings for each fader at one glance. Both features are essential for mixing live.

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