

Series 52

List of Modules

52/SX

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Version: 1.95.0



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1 Overview

This part of the manual represents a list of the currently available modules and parts for the following DHD system:

Series 52 52/SX

This list of modules and parts is meant to be upgraded from time to time without public notification. Please check version and release date of a document. You can find the most current version of this document on our website:

- [HTML Release, more detailed](#)
- [PDF Release](#) (this document)

2 Terms of Use - Legal Disclaimer

Series 52

List of Modules Series 52

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Version 1.95.0, 20.09.2012

3 About this Book

How to Use this Book


Product Status Information:

	PREFERRED PRODUCT	regular production, mostly sufficient stock
	PRODUCT WITH POTENTIAL DELIVERY TIMES	production start requires prior order, delivery times depend on module type and vary from a few days to several weeks
	ASK FOR QUOTATION	production and prices on enquiry, a minimum order quantity might apply depending on module type, production start requires prior order, delivery times depend on module type and vary from a few days to several weeks, no return possible, documentation might be incomplete or unavailable, module might be not available in the Toolbox configuration software, a prior current quotation is always required
	PRODUCT DISCONTINUED	no restaging possible, please ask for potential alternatives

Depending on production batch sizes and spares inventory, there might still be stocks of items with yellow, blue, red status.

Even for preferred products (green), delivery times might arise, if scheduled productions cannot be realised due to delays of parts from our suppliers, or if the estimated amount has been depleted for large orders.

The Navigation Tree

You can find the navigation tree on the left-hand-side of the PDF document. Via the entries of this tree you can directly reach the several chapters and sections of this document. Click onto the text or the  symbol of an entry to display its content.

If a chapter includes further sections, you will find a plus-symbol in front of the entry in the navigation tree. Either you can click onto this plus-sign or you double click the text or the symbol of the entry to make the sub-branches of the further sections visible.



Search

You can find an alphabetical ordered list of keywords at the end of the document. Please see the page numbers in this index to find the respective keywords in the document.

Moreover, you can use the search function of your PDF reader to seek for any words.







Links

Links are underlined to separate them from the rest of the text. These links can be a connection to other chapters or sections in the same document or to an URL (internet address).

- Same document: The hand symbol  appears if you move the mouse over the link.
- URL: The hand symbol with an additional w  appears if you move the mouse over the link.

Please notice, that you need an active internet connection to be able to execute a link to an URL.

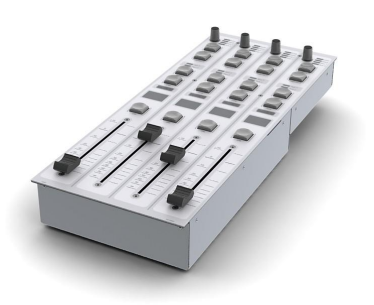
The Meaning of Advices in the Text

Warning 	<p>The demands and advices in this fields should be followed unconditional, because otherwise hardware and software products, data bases, as well as persons may suffer a loss.</p>
Important 	<p>The demands and advices in this fields should be followed, because these contents are necessary for the proper operation of the DHD systems.</p>
Note 	<p>Recommendations and further information are marked as notes. Sometimes you will also find off-topic content in this field, which is related to the actual topic.</p>
Tip 	<p>Tips are helpful advices, which should make work with DHD systems easier.</p>
Weblink 	<p>In this fields you can find links to websites, which include for example an other manual or the possibility to download a driver for the respective DHD system.</p> <p>Please notice, that you need an active internet connection to be able to execute a link to an URL.</p>
Download 	<p>You can directly open and download a file if the respective link is marked as download link (file link).</p>

4 52/SX Fader and Control Modules

4.1 52-1020A - SX Fader Module

STATUS : ● **PREFERRED PRODUCT**



52-1020A

4 fader channels, each with:

- 5 pushbuttons above fader
- 32 character OLED display
- 100mm conductive plastic faders
- 1 rotary encoder
- Ethernet power & control network
- 160mm x 399mm x 55mm

weight: 1.7 kg

power consumption: 5.31 W

4.2 52-1024A - SX Fader Module

STATUS : ● **PREFERRED PRODUCT**



52-1024A

4 fader channels, each with:

- 1 pushbutton below, 4 above fader
- 32 character OLED display
- 100mm conductive plastic faders
- 1 rotary encoder
- Ethernet power & control network
- 160mm x 399mm x 55mm

weight: 1.7 kg

power consumption: 5.28 W

4.3 52-1010A - SX Central Module

STATUS : ● **PREFERRED PRODUCT**



52-1010A

19 pushbuttons, 2 volume controls

6 rotary encoders

32 character OLED display

built-in loudspeaker/amp, mic/preamp

Ethernet audio, power & control network

80mm x 399mm x 36mm

weight: 0.9 kg

power consumption: 11.55 W

4.4 52-1018A - SX Blank Module

STATUS : ● **PREFERRED PRODUCT**



52-1018A

80mm x 399mm x 36mm

weight: 0.5 kg

4.5 52-1018B - SX 10 push button module, extern

STATUS : ● **PRODUCT WITH POTENTIAL DELIVERY TIMES**



52-1018B

80mm x 399mm x 36mm

10 push-buttons for external use only!

Not connected to XS core!

Needs GPIOs!

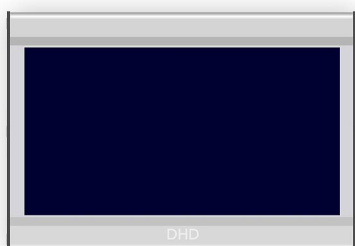
Ask factory for details.

weight: 0.7 kg

5 52/SX TFT Display

5.1 52-4017B - TFT/Touch Display, 7"

STATUS : ● **PREFERRED PRODUCT**



52-4017B

7" / 177mm diagonal size

includes microcontroller

Ethernet power & control interface

173mm x 119mm x 34mm

weight: 0.8 kg

power consumption: 3.91 W

5.2 52-3017A - Table Top Stand for 52-4017

STATUS : ● **PREFERRED PRODUCT**



52-3017A

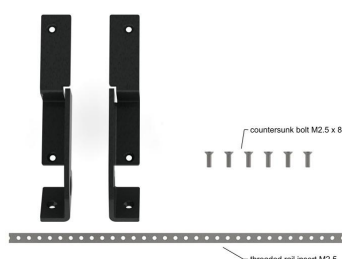
when display is not mounted to

console frame

weight: 0.5 kg

5.3 52-3018A - Console mounting kit for 52-4017

STATUS : ● **PREFERRED PRODUCT**



52-3018A

for 52-28xx console frames

for 52-38xx console frames

weight: 0.1 kg

6 52/SX Table-Installation Frames



6.1 52-2604A - SX Table Installation Frame

STATUS :  **PREFERRED PRODUCT**



52-2604A

aluminium extrusion frame for 1

module 160mm

- . total width 160mm+20mm, depth 399mm
- . magnetic fixing for panels
- . needs table cutout

weight: 0.3 kg

6.2 52-2606A - SX Table Installation Frame

STATUS :  **PREFERRED PRODUCT**



52-2606A

aluminium extrusion frame for 1

module 160mm and 1 module 80mm

- . total width 240mm+20mm, depth 399mm
- . magnetic fixing for panels
- . needs table cutout

weight: 0.4 kg

6.3 52-2608A - SX Table Installation Frame

STATUS : ● **PREFERRED PRODUCT**



52-2608A

aluminium extrusion frame for 2

modules 160mm

- . total width 320mm+20mm, depth 399mm
- . magnetic fixing for panels
- . needs table cutout

weight: 0.5 kg

6.4 52-2610A - SX Table Installation Frame

STATUS : ● **PREFERRED PRODUCT**



52-2610A

aluminium extrusion frame for 2

modules 160mm and 1 module 80mm

- . total width 400mm+20mm, depth 399mm
- . magnetic fixing for panels
- . needs table cutout

weight: 0.5 kg

6.5 52-2614A - SX Table Installation Frame

STATUS : ● **PREFERRED PRODUCT**



52-2614A

aluminium extrusion frame for 3

modules 160mm and 1 module 80mm

- . total width 560mm+20mm, depth 399mm
- . magnetic fixing for panels
- . needs table cutout

weight: 0.7 kg

6.6 52-2618A - SX Table Installation Frame

STATUS : ● **PREFERRED PRODUCT**



52-2618A

aluminium extrusion frame for 4

modules 160mm and 1 module 80mm

- . total width 720mm+20mm, depth 399mm
- . magnetic fixing for panels
- . needs table cutout

weight: 0.8 kg

7 52/SX Console Frames



7.1 52-2804A - SX Console Frame

STATUS : ● **PREFERRED PRODUCT**



52-2804A

angled console frame with metal side panels

for 1 module 160mm

total width 160mm+8mm, depth 430mm

rear height 52mm

magnetic fixing for panels

needs table cutout

weight: 0.7 kg

7.2 52-2806A - SX Console Frame

STATUS : ● **PREFERRED PRODUCT**



52-2806A

angled console frame with metal side panels

for 1 module 160mm and 1 module 80mm

total width 240mm+8mm, depth 430mm

rear height 52mm

magnetic fixing for panels

needs table cutout

weight: 0.8 kg

7.3 52-2808A - SX Console Frame

STATUS : ● **PREFERRED PRODUCT**



52-2808A

angled console frame with metal side panels

for 2 modules 160mm

total width 320mm+8mm, depth 430mm

rear height 52mm

magnetic fixing for panels

needs table cutout

weight: 0.9 kg

7.4 52-2810A - SX Console Frame

STATUS : ● **PREFERRED PRODUCT**



52-2810A

angled console frame with metal side panels

for 2 modules 160mm and 1 module 80mm

total width 400mm+8mm, depth 430mm

rear height 52mm

magnetic fixing for panels

needs table cutout

weight: 1.1 kg

7.5 52-2814A - SX Console Frame

STATUS : ● **PREFERRED PRODUCT**



52-2814A

angled console frame with metal side panels

for 3 modules 160mm and 1 module 80mm

total width 560mm+8mm, depth 430mm

rear height 52mm

magnetic fixing for panels

needs table cutout

weight: 1.4 kg

7.6 52-2816A - SX Console Frame

STATUS : ● **PRODUCT WITH POTENTIAL DELIVERY TIMES**



52-2816A

angled console frame with metal side panels

for 4 modules 160mm

total width 640mm+8mm, depth 430mm

rear height 52mm

magnetic fixing for panels

needs table cutout

weight: 1.8 kg

7.7 52-2818A - SX Console Frame

STATUS : ● **PREFERRED PRODUCT**



52-2818A

angled console frame with metal side panels

for 4 modules 160mm and 1 module 80mm

total width 720mm+8mm, depth 430mm

rear height 52mm

magnetic fixing for panels

needs table cutout

weight: 1.7 kg

8 52/XS Power Supply

8.1 52-1948B - Power Supply 48V / 100W

STATUS : ● **PREFERRED PRODUCT**



52-1948B

100W Output Power

Input Voltage 90-264VAC

Input Frequency 47-63Hz

Mini connector for 48V output

IEC 320-C14 inlet connector

weight: 0.5 kg

9 52/XS Core and I/O-boxes

DSP/Controller System and input/output/GPIO modules

9.1 52-1801B - XS Core, 8 - 16 Fader Processing

STATUS : ● **PREFERRED PRODUCT**



52-1801B

DSP/Controller

8 audio, power & control ports

2 power inputs 48V, mini connector

supports up to 16 faders SX console

number of available functions limited

by XS core hardware, see specifications

weight: 0.5 kg

9.2 52-1804B - XS Core, 4 Fader Processing

STATUS : ● **PREFERRED PRODUCT**



52-1804B

DSP/Controller

4 audio, power & control ports

2 power inputs 48V, mini connector

supports up to 4 faders SX console

number of available functions limited

by XS core hardware, see specifications

weight: 0.5 kg

9.3 52-1821A - XC/XS Core MADI, multimode

STATUS : ● **PREFERRED PRODUCT**



52-1821A

56 or 64 input channels and

56 or 64 output channels

AES10 MADI

fiber optical receiver/transmitter

- multimode, 50um or 62.5um, 1300nm

- SC duplex connector

- submodule for XC and XS cores

weight: 0.0 kg

9.4 52-1330A - XS Multi I/O Box

STATUS : ● **PREFERRED PRODUCT**



52-1330A

2 Mic/Line inputs, preamp, 48V

2 stereo headphone outputs

8 analog line inputs, el. bal., 24dBu

8 analog line outputs, el. bal., 24dBu

3 AES3/EBU inputs, 1 SPDIF input

2 AES3/EBU outputs, 1 SPDIF output

2 USB Audio IF, 10 GPI, 10 GPO, 2 ACI

weight: 0.6 kg

power consumption: 11.00 W

9.5 52-7111A - XC Digital I/O Module

STATUS : ● **PREFERRED PRODUCT**



52-7111A

4 AES3/EBU/SPDIF inputs, 24 bit,

input sample rate converters

4 AES3/EBU/SPDIF outputs, 24 bit,

output sample rate converters

4 general purpose inputs, isolated

4 general purpose outputs, isolated

weight: 0.5 kg

power consumption: 3.00 W

9.6 52-7140A - XC DHD IP Audio Interface

STATUS : ● **PREFERRED PRODUCT**



52-7140A

interfaces IP connected playout and

recording systems to DHDs APC ports

using DHDs WASAPI driver for Windows 7

16 channels playout

16 channels record

sample rate converters

Fast ethernet for PC connection

weight: 0.5 kg

power consumption: 5.00 W

9.7 52-7170A - XC Quad 3G/HD/SD-SDI De-embedder

STATUS :  **PREFERRED PRODUCT**



52-7170A

4 x 3G/HD/SD SDI De-embedders, each:

- Input and loop through BNC connector
- De-embedder for 2 audio groups, 8 ch.
- Sample rate converters, 8 channels
- Selectable audio groups 1/2 or 3/4
- . 4 general purpose inputs, isolated
- . 4 general purpose outputs, isolated

weight: 0.5 kg

power consumption: 5.80 W

9.8 52-7180A - XC Dante IP Audio Interface

STATUS :  **PREFERRED PRODUCT**



52-7180A

interfaces IP based Dante digital audio

network to DHDs APC ports

- . compatible with Dante-enabled devices
- or PCs with Dante Virtual Soundcards
- . 48 input channels & 48 output channels
- . sample rate converters
- . Gigabit ethernet for Dante connection

weight: 0.5 kg

power consumption: 5.00 W

9.9 52-7222A - XC Analog I/O Module

STATUS : ● **PREFERRED PRODUCT**



52-7222A

4 analog line inputs, 18dBu max.,

electronically balanced, 24 bit

. 4 analog line outputs, 18dBu max.,

electronically balanced, 24 bit

. 4 general purpose inputs, isolated

. 4 general purpose outputs, isolated

weight: 0.5 kg

power consumption: 4.20 W

9.10 52-7223A - XC Analog I/O Module, 24dBu

STATUS : ● **PREFERRED PRODUCT**



52-7223A

4 analog line inputs, 24dBu max.,

electronically balanced, 24 bit

. 4 analog line outputs, 24dBu max.,

electronically balanced, 24 bit

. 4 general purpose inputs, isolated

. 4 general purpose outputs, isolated

weight: 0.5 kg

power consumption: 6.10 W

9.11 52-7230A - XC Mic/Headphone Module

STATUS : ● **PREFERRED PRODUCT**



52-7230A

4 mic/line inputs with remote preamp

0...63dB, 18dBu max. input level

- . phantom power 48V indiv. switchable
- . 4 stereo headphone amp outputs
- . 4 general purpose inputs, isolated
- . 8 general purpose outputs, isolated
- . 4 analog control inputs

weight: 0.5 kg

power consumption: 11.60 W

9.12 52-7258A - XC Mic/Line Module, 8 ch., iso.

STATUS : ● **PREFERRED PRODUCT**



52-7258A

8 mic/line inputs with remote preamp

0...65dB, 26dBu max. input level

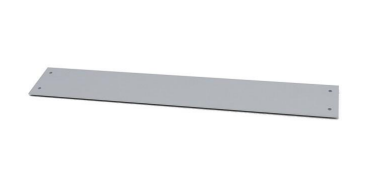
- . isolated input stages
- . phantom power 48V indiv. switchable
- . 4 general purpose inputs, isolated
- . 4 general purpose outputs, isolated

weight: 0.5 kg

power consumption: 11.70 W

9.13 52-1918A - XS blank panel for 52-1919

STATUS :  **PREFERRED PRODUCT**



52-1918A

1/2 19" width

weight: 0.0 kg

9.14 52-1919A - XS 19" Adapterpanel

STATUS :  **PREFERRED PRODUCT**



52-1919A

for 2 housings 1/2 19" width

weight: 0.2 kg

9.15 52-7491A - XC 19" Adapterpanel, XLR

STATUS :  **PREFERRED PRODUCT**



52-7491A

for 2 housings 1/2 19" width

additional space for XLR connectors

weight: 0.3 kg

9.16 52-7494A - XC table mounting kit

STATUS : ● **PREFERRED PRODUCT**



52-7494A

for mounting of XC/XS modules

includes 4 brackets and screws

weight: 0.0 kg

9.17 52-7495A - XC 19" Adapterpanel, 10 slots

STATUS : ● **PREFERRED PRODUCT**



52-7495A

for mounting of 10 XC/XS modules

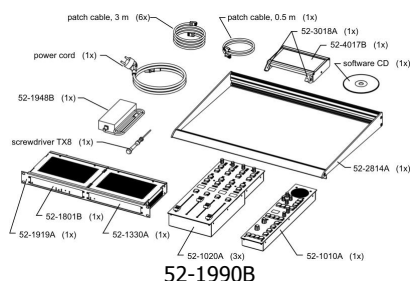
6 height units (6U), 266mm

weight: 1.3 kg

10 52/SX Bundles

10.1 52-1990B - SX Bundle, 12 Fader, 1 Multi I/O

STATUS : ● **PREFERRED PRODUCT**



3 x 52-1020A SX Fader Module

1 x 52-2814A SX Console Frame

1 x 52-1010A SX Central Module

1 x 52-4017B TFT/Touch Display, 7"

1 x 52-1330A XS Multi I/O Box

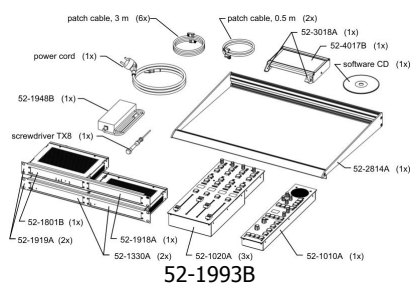
1 x 52-1801B XS Core

1 x 52-1948B, 1x52-1919A, 1x52-3018A

weight: 15.6 kg

10.2 52-1993B - SX Bundle, 12 Fader, 2 Multi I/O

STATUS : ● **PREFERRED PRODUCT**



3 x 52-1020A SX Fader Module

1 x 52-2814A SX Console Frame

1 x 52-1010A SX Central Module

1 x 52-4017B TFT/Touch Display, 7"

2 x 52-1330A XS Multi I/O Box

1 x 52-1801B XS Core

1 x 52-1948B, 2x52-1919A, 1x52-3018A

weight: 15.6 kg

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