

Series 52

52/DX Mixing Console Bundle Information

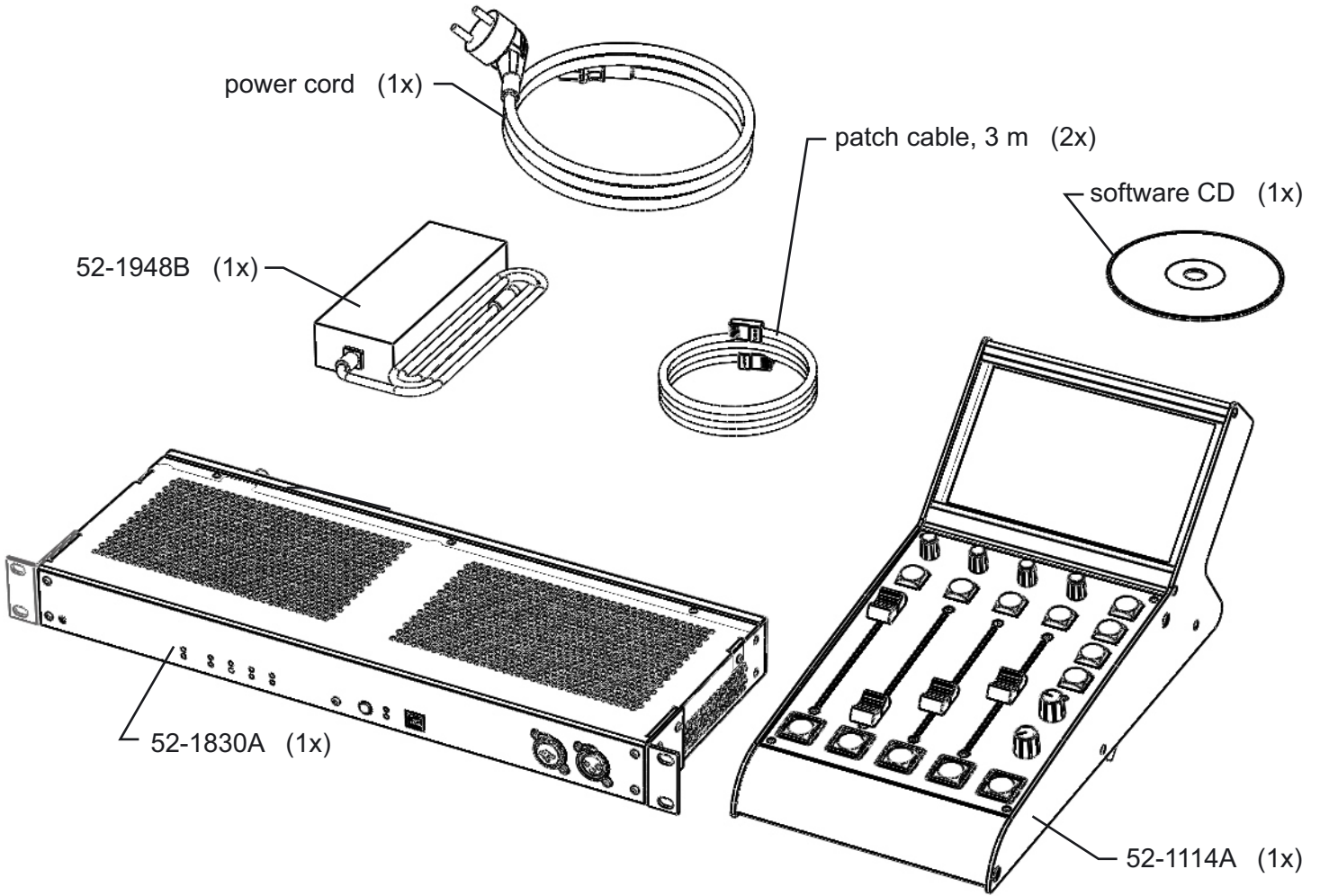
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Version: 1.6.0



52-1991G - DX Bundle

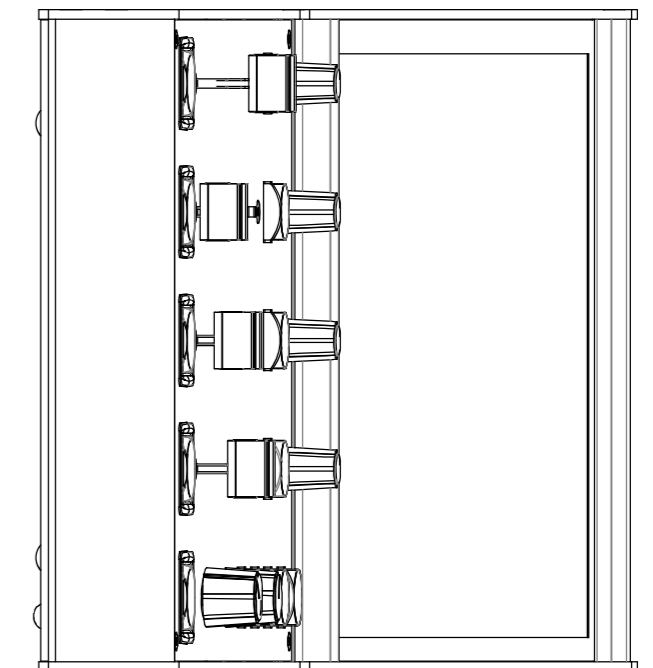
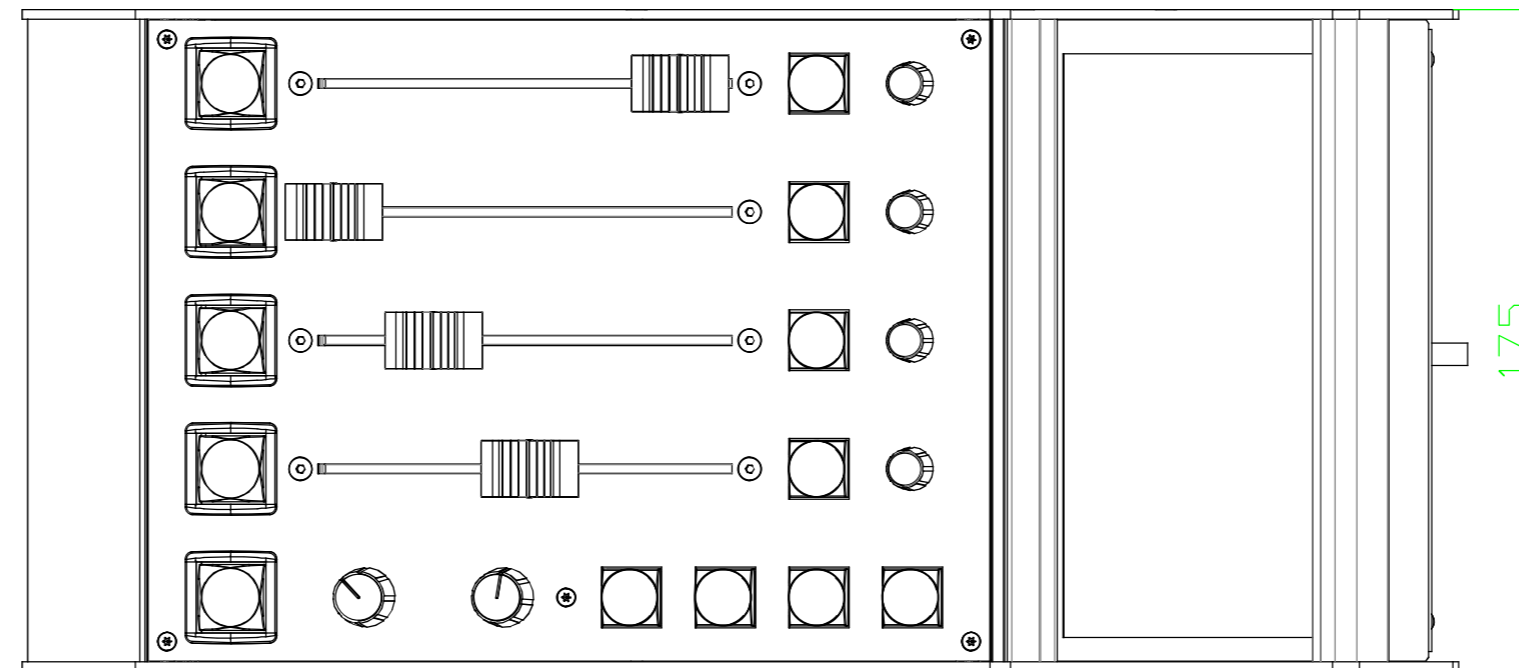
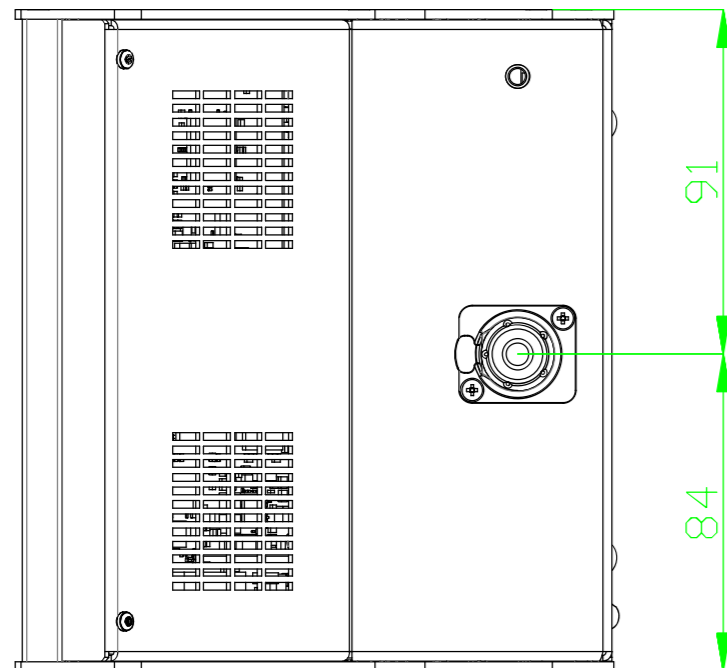
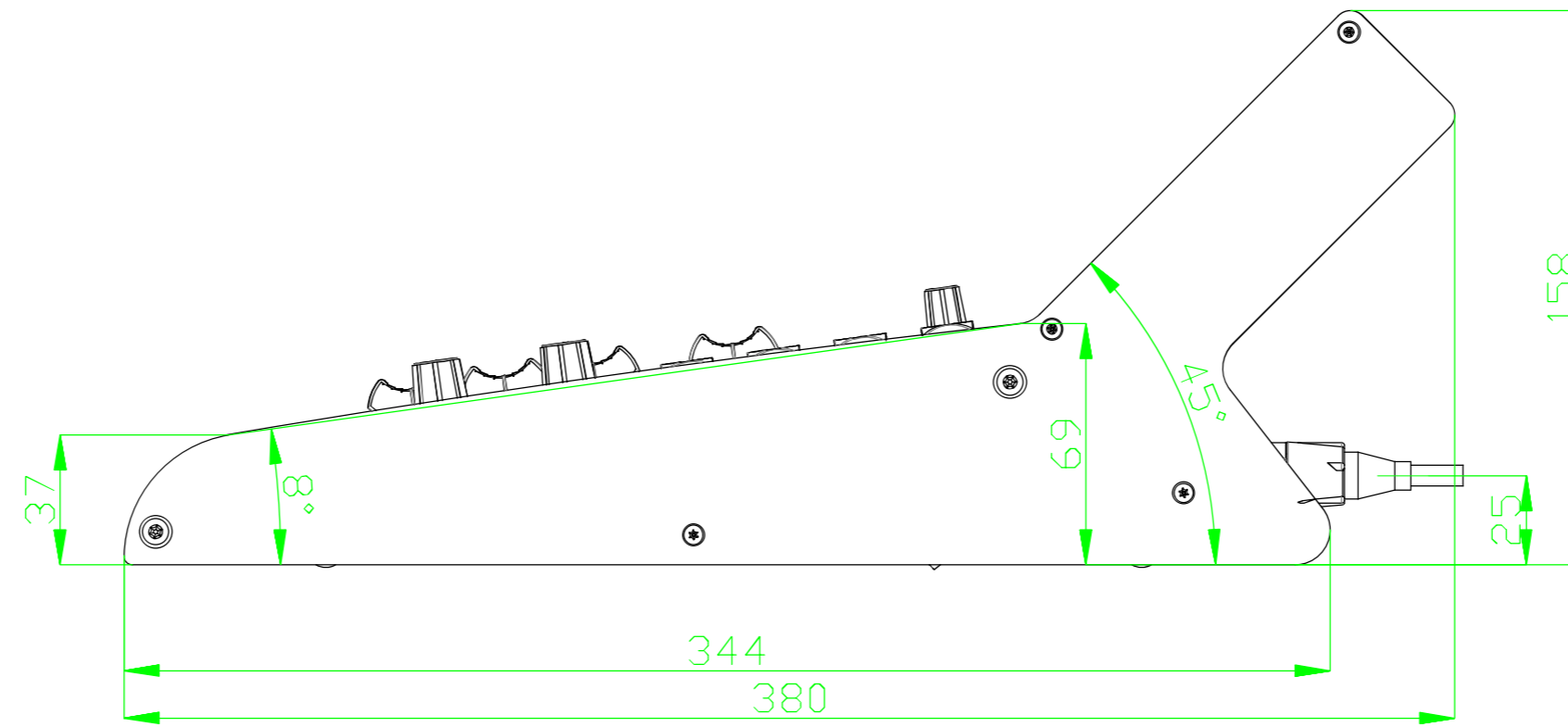
Package contents:



part nr.	name	qty.
52-1114A	DX Desktop Mixer	1x
52-1335A	XS Multi I/O Box	1x
52-1830A	XS2 I/O Core	1x
52-1919A	XS 19" Adapterpanel	1x
52-1948B	Power Supply 48V/100W	1x
--	Power cord	1x
--	Patch cable, CAT5, 3m	2x
--	Software CD, DX Config	1x

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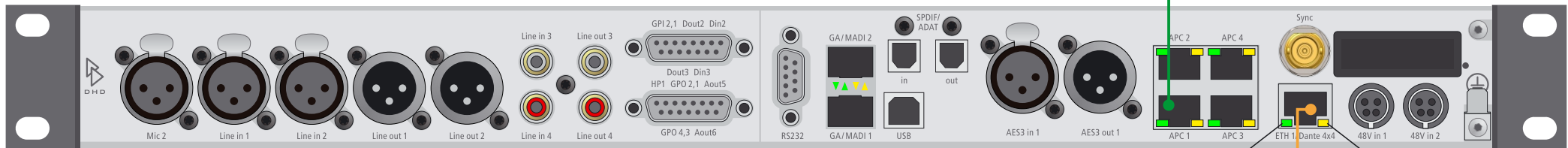
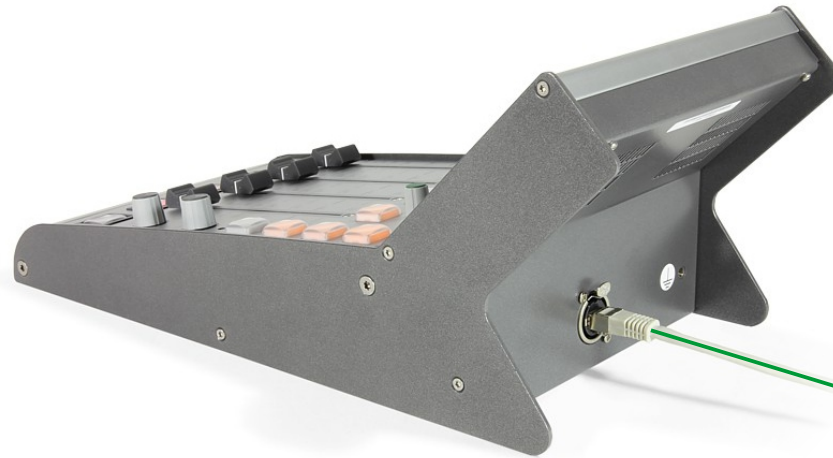


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Cabling Example - 52-1991G

Important note:
 Use minimum **Firmware version 08-01-00** and **DXConfig version 8-01-00** or the version on the CD supplied with the console, which may be a later version.

52/DX Desktop Mixer
 52-1114



XS2 I/O Core
 52-1830

APC 1

Gigabit Ethernet
 1 Gbit/s
 Link/Activity

Fast Ethernet
 100 Mbit/s
 Link/Activity

DHD Network, TCP/IP
 external control option,
 maintenance (configuration)
 & Dante 4/4 channel interface

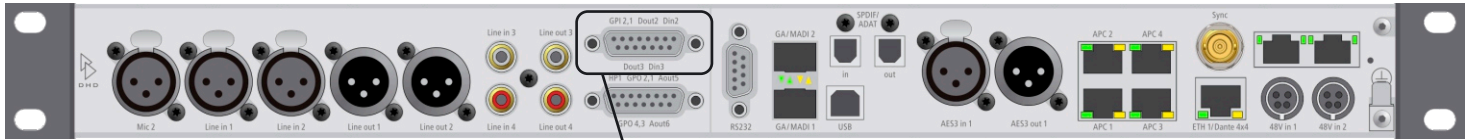
- DHD Network, Ethernet CAT5/6
- APC - Audio, Power, Control, Ethernet CAT5/6



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52-1830 Pin Assignment

D-Sub 15 - upper connector

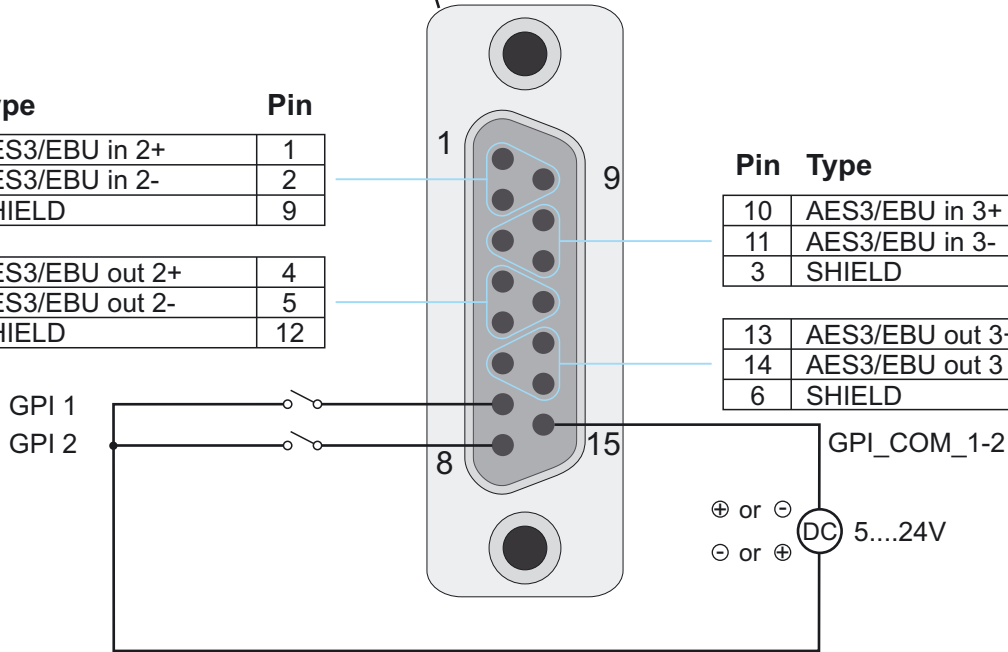


Label	Type	Pin
Din2	AES3/EBU in 2+	1
	AES3/EBU in 2-	2
	SHIELD	9

Dout2	AES3/EBU out 2+	4
	AES3/EBU out 2-	5
	SHIELD	12

Pin	Type	Label
10	AES3/EBU in 3+	Din3
11	AES3/EBU in 3-	
3	SHIELD	

13	AES3/EBU out 3+	Dout3
14	AES3/EBU out 3-	
6	SHIELD	



GPI - general purpose input
GPO - general purpose output

Notes:

GPI and GPO sections are isolated from each other and from the modules internal circuits.

GPI section uses common wire GPI_COM for GPI 1 and GPI 2.

Polarity of DC between GPIs and GPI_COM is not relevant.

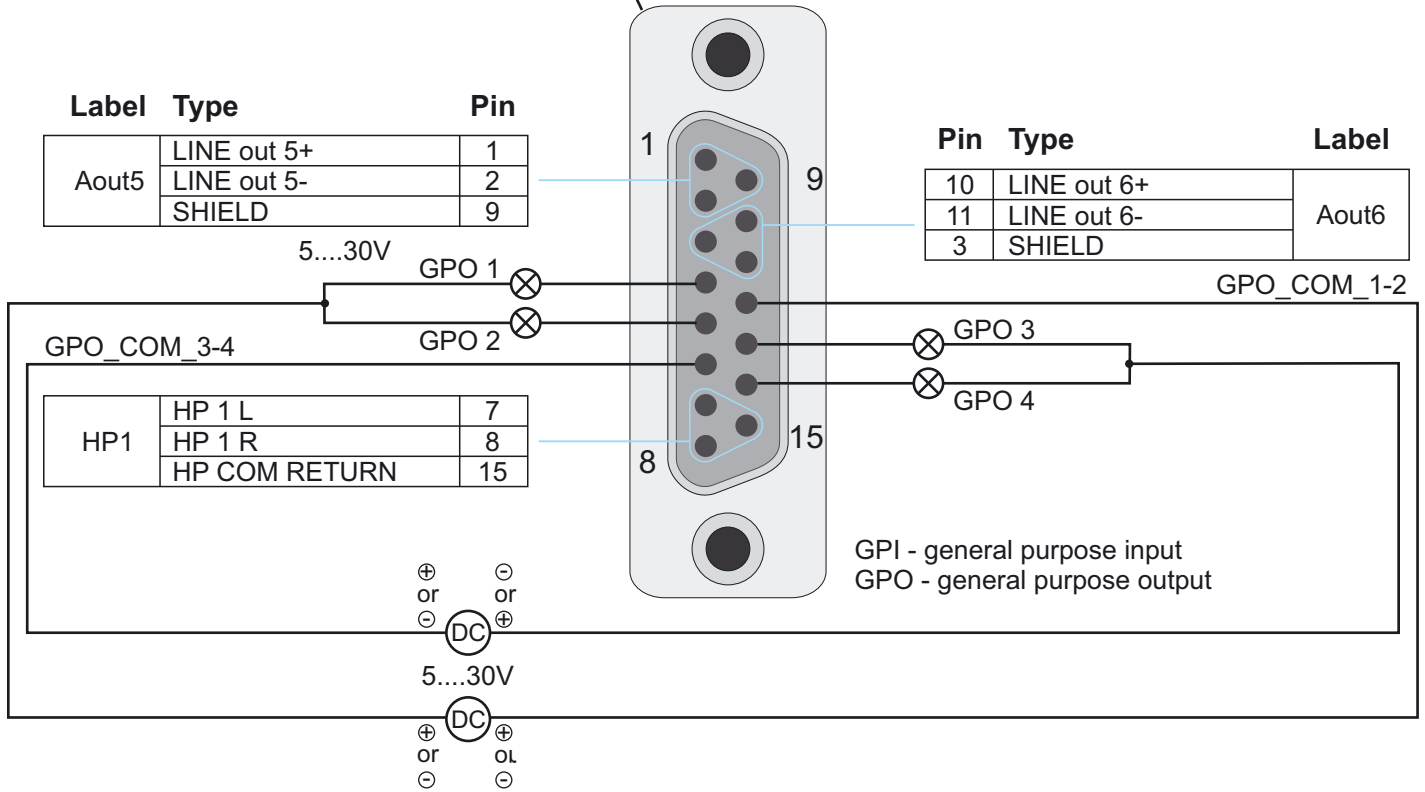
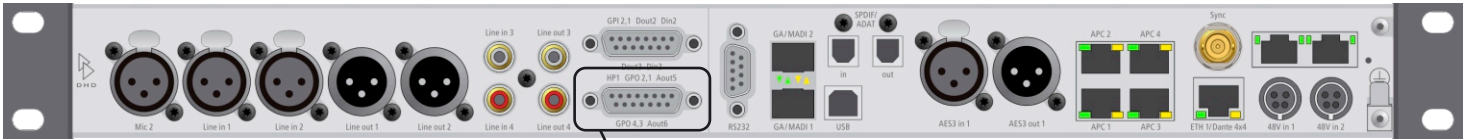
GPI: ON voltage 5 V ... 24 V (DC) without external resistor, internal current limiter to 4 mA current for ON, OFF voltage: 0 V ... + 1.5 V

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52-1830 Pin Assignment

D-Sub 15 - lower connector



Notes:

GPI and GPO sections are isolated from each other and from the modules internal circuits.

GPO section uses common wire GPO_COM_1-2 for GPO 1 and GPO 2 and
GPO_COM_3-4 for GPO 3 and GPO 4.

Polarity of DC between GPOs and GPO_COM is not relevant.

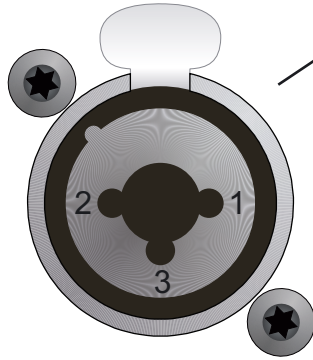
GPO: maximum rated current: 0,2A (resettable fuse), maximum peak switched voltage: 30V AC or DC

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52-1830 Pin Assignment

Headphone connector



1/4" stereo jack	Type	XLR Pin
Sleeve	HP COM RETURN	1
Tip	HP 1 L	2
Ring	HP 1 R	3

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52-1830 USB port

The USB audio port at the front panel is a fully functional digital stereo input and output. Connected to a PC or Mac, each USB audio port is recognised as an USB audio device, which can be used for playback and recording in every audio software.



Important

This USB audio port can not be used for maintenance or control purposes.



USB audio port

The following applies to the front USB audio port:

- 1 stereo input, sample rate converter
- 1 stereo output, sample rate converter (linked to associated input if activated in Toolbox)
- full-speed transceivers
- compliant with USB 2.0 specification
- self-powered USB circuit
- default Windows or Mac USB audio device driver is used, no additional driver required
- iOS devices with version 7.0 or higher can be connected via a camera connection kit for playback and recording

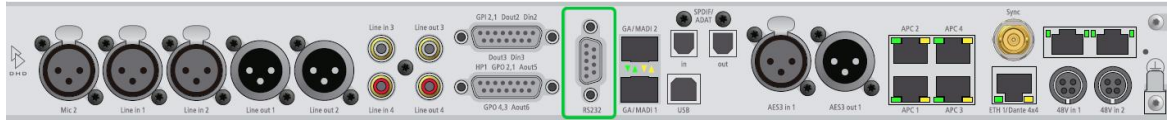
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Serial Connectors 52/XS2

52/XS2 Cores (52-1830, 52-1810)

The 52/XS2 Cores (52-1801 and 52-1804) provide one serial port. The Serial port on the rear of the core is a RS232 port and can not be changed to RS422.



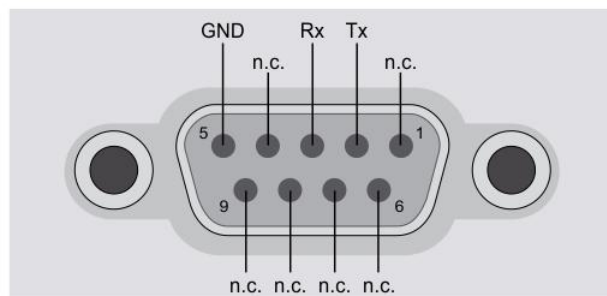
52-1830 XS2 Core - rear view with one serial RS232 port



52-1810 XS2 Core - side view with one serial RS232 port

You can find the pin assignment for the female RS232 port on the core in the following drawing:

RS232 - DSub-9 female connector on core



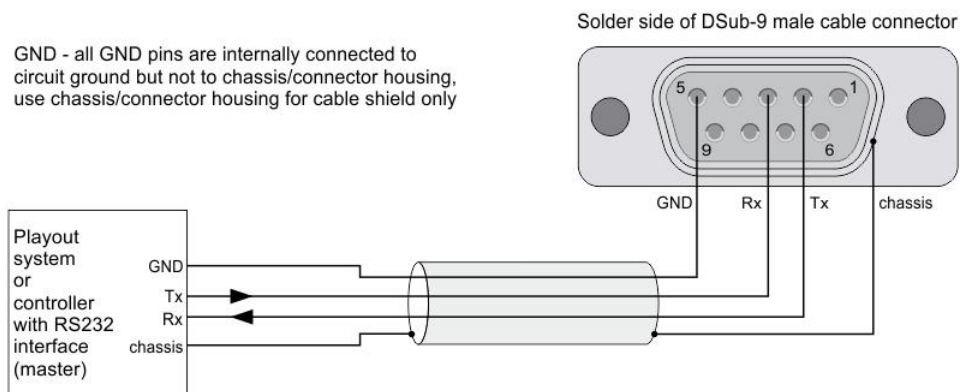
GND - all GND pins are internally connected to circuit ground but not to chassis/connector housing, use chassis/connector housing for cable shield only

n.c. - internally not connected

Pin assignment of the RS232 port on the core

With that pin assignment a standard extension cable (uncrossed) can be directly connected to a PC.

You can find the pin assignment for a **RS232 cable connector** in the following drawing:



Pin assignment for the RS232 cable connector