

Hardware Guide

Index

• Welcome	2
• What's in the box?	3
• Front panel 2x2plus	4
• Back panel 2x2plus	5
• Card configuration	6 - 8
• Quick start	9
• Maintenance	10
• Accessories	11 - 12
• General information	13
• Support	14

Welcome

Thank you for your purchase with disguise.

Your new 2x2plus is just minutes away from being show ready. Please read the instructions in this Hardware guide carefully in order to understand how to work with your 2x2plus. Please also refer to our online guide at help.disguise.one.

Great for smaller shows and fixed installations, the 2x2plus is a machine with two stage outputs and one control interface (GUI) output. It comes with optional factory fitted DVI or SDI capture and optional Pro Audio cards. Please ensure your machine has been delivered to you in the configuration you have ordered, by comparing your machine to the specifications in the card configuration chapter in this booklet.

We put great care and effort into the development and manufacturing of our products. Please contact your sales manager or our support team if you experience any issues with this product. Contact details can be found on the back page of this booklet.

We hope you enjoy your 2x2plus, and if you have any questions or feedback for us, we'd be happy to hear from you.

Kind regards,

The disguise Team.

What's in the box?

ACCESSORIES BOX:

- 1) IEC Power cable EU / UK / US
- 2) 2× Single Link DP-DVI adapter
- 3) Hardware Guide
- 4) Pro Audio break out cables*

*only if Pro Audio was purchased as an optional extra to the base unit

Please see the accessories chapter in this booklet for further information.

MAIN BOX:

- 5) 2×2plus unit

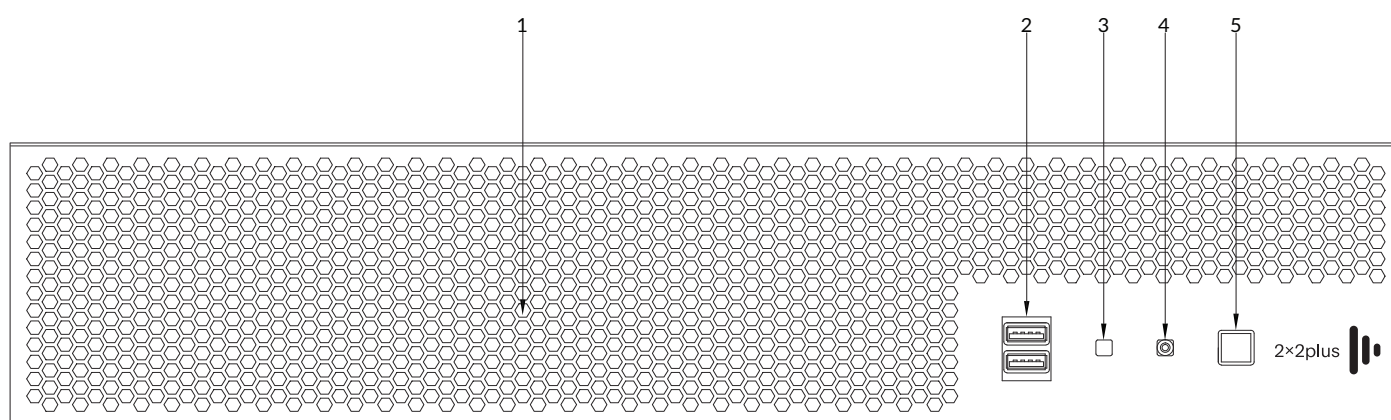
Optional factory fitted extras include:

- DVI capture card
- 3G-SDI capture card
- Pro Audio

Please check if everything in the box is delivered as expected and contact your sales manager immediately in the event that something is missing.

Front panel 2×2plus

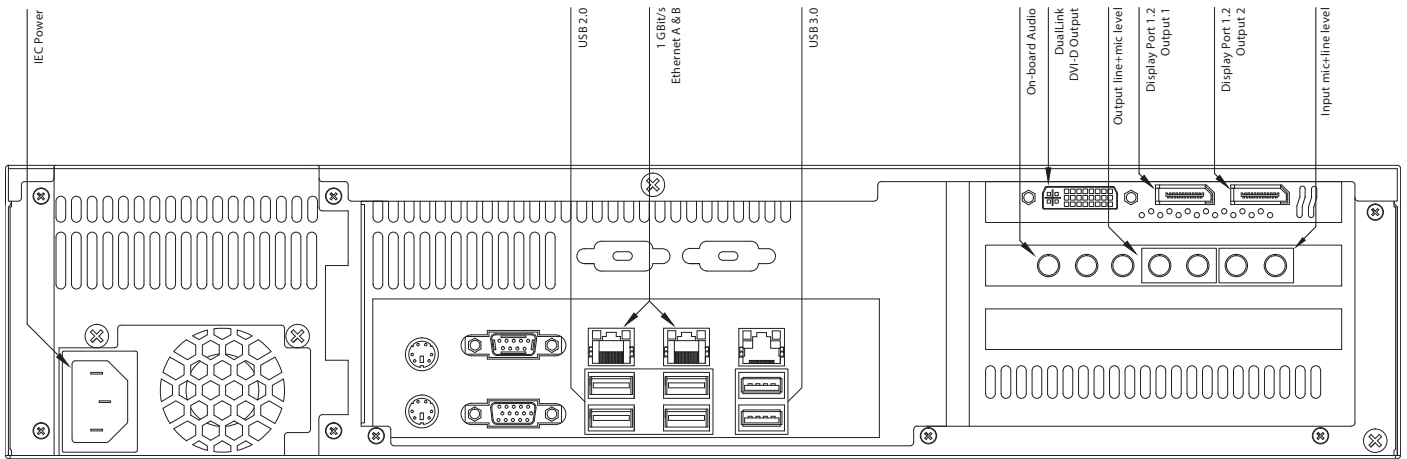
The front panel of the 2x2plus has the following functions and controls:



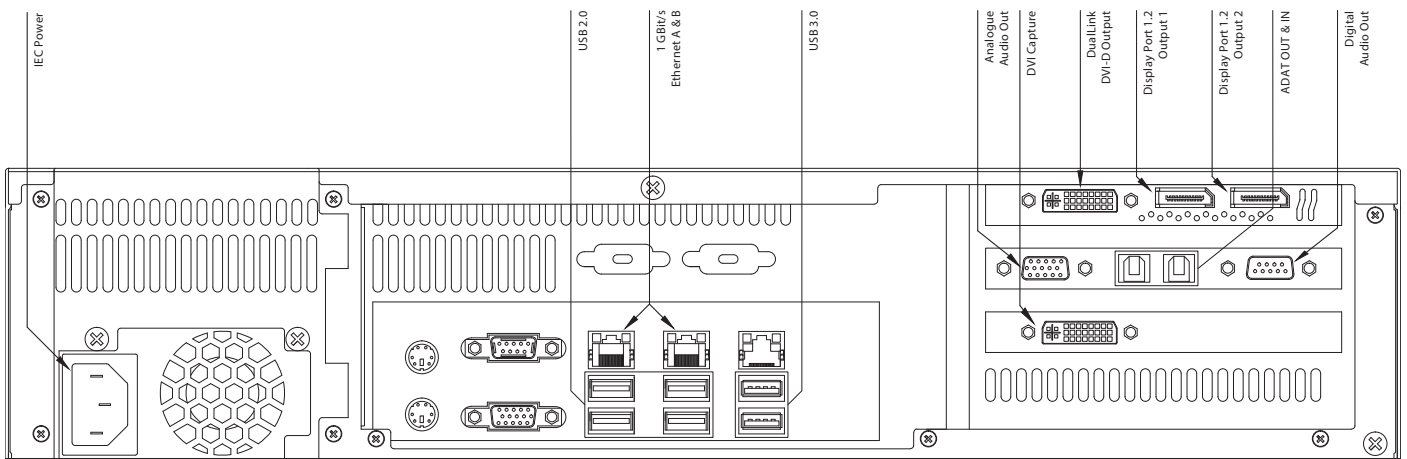
1. Air intake
2. USB 2.0 ports
3. Reset button
4. LED power indicator
5. Power on/off button

Back panel 2x2plus

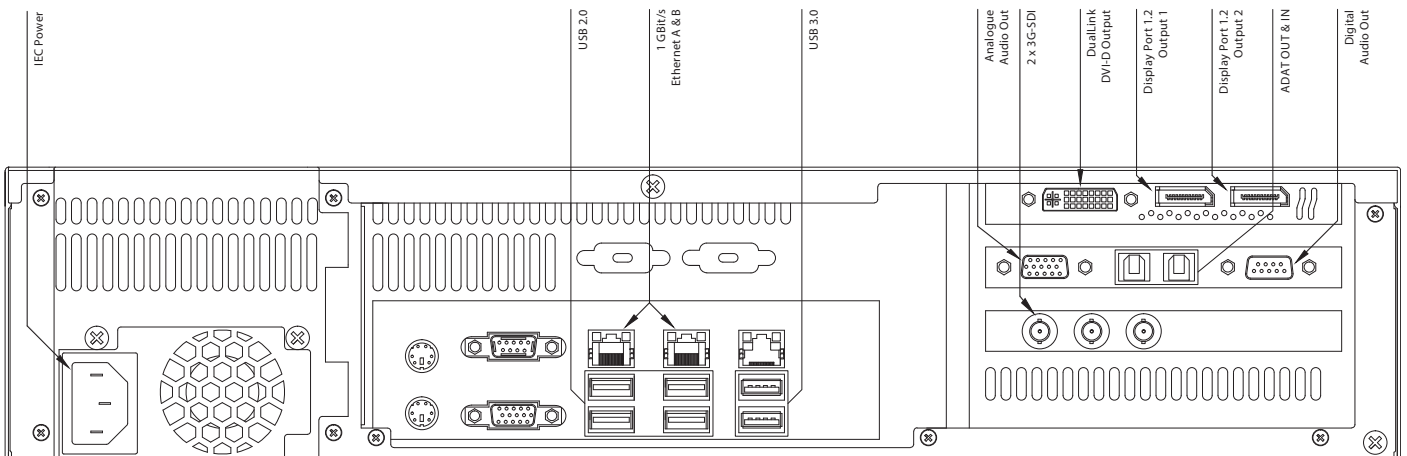
BASE UNIT: no capture, on-board audio



CONFIGURATION A: 1x DVI capture, shown with Pro Audio (on-board audio also available)



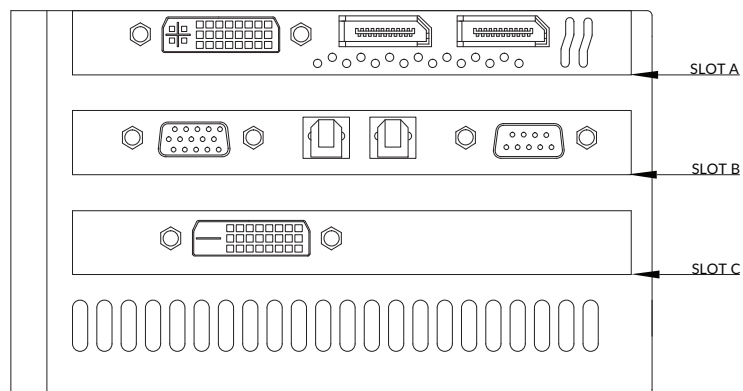
CONFIGURATION B: 2x 3G-SDI capture, shown with Pro Audio (on-board audio also available)



Card configuration

The 2x2plus comes in a variety of optional factory fitted configurations. You cannot change your machine configuration once your order has been shipped. The following configurations are available:

- No capture, a choice of on-board audio or Pro Audio
- 1x DVI capture, a choice of on-board audio or Pro Audio
- 2x 3G-SDI capture, a choice of on-board or Pro Audio

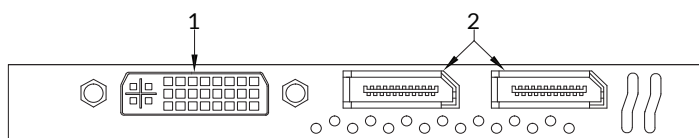


Rear view card configuration

SLOT A: Video output

Slot A is non-configurable. The 2x2plus has 1 control / GUI output and 2 dedicated DisplayPort stage outputs.

Video output card:



1. DVI
2. DisplayPorts

The control / GUI output is situated on the DVI connector ONLY, enabling you to configure the system, operate Windows and program the disguise environment. This output CANNOT be used for output to the stage.

Supported resolutions on the DisplayPort outputs and DVI output are up to 2560x1600 @ 60hz. (When using the correct DisplayPort to DVI adapter).

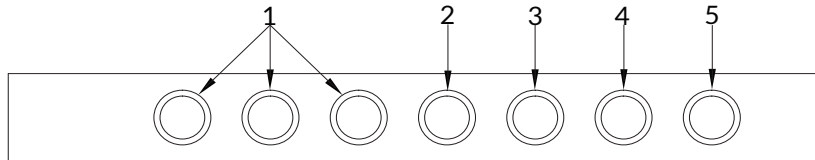
For more information on video outputs and adapters please see help.disguise.one

Card configuration

SLOT B: Audio

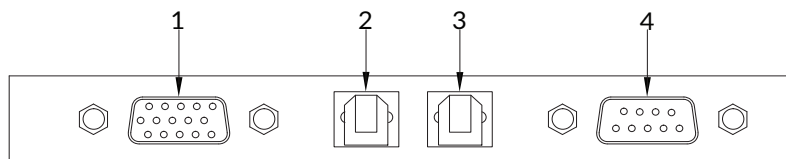
Slot B is by default on-board audio but can be configured to be Pro Audio I/O when the order is placed.

On-board audio card:



1. NOT IN USE
2. Output line level
3. Output mic level
4. Input mic level
5. Input line level

Pro Audio card:



1. Analog audio
2. ADAT Out
3. ADAT In
4. Digital audio

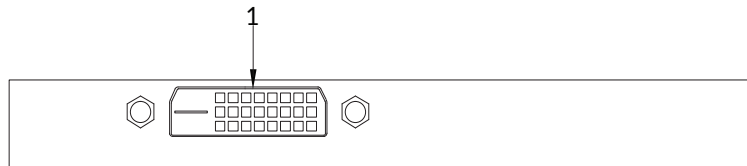
For information on supported formats please see help.disguise.one

Card configuration

SLOT C: Video capture

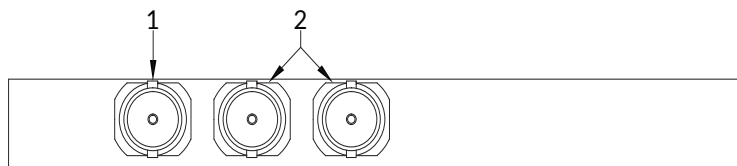
Slot C has three options: no capture, DVI capture, or 3G-SDI capture. Capture options are factory fitted.

DVI capture card: Max resolution 1920x1200 @ 60hz



1. DVI

3G-SDI capture card: Max resolution 1920x1080 @ 60hz

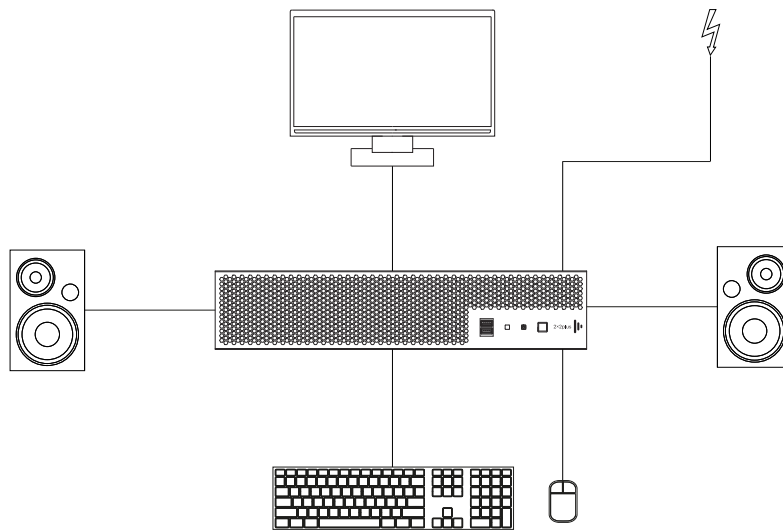


1. NOT IN USE
2. 3G-SDI

For information on supported formats please see help.disguise.one

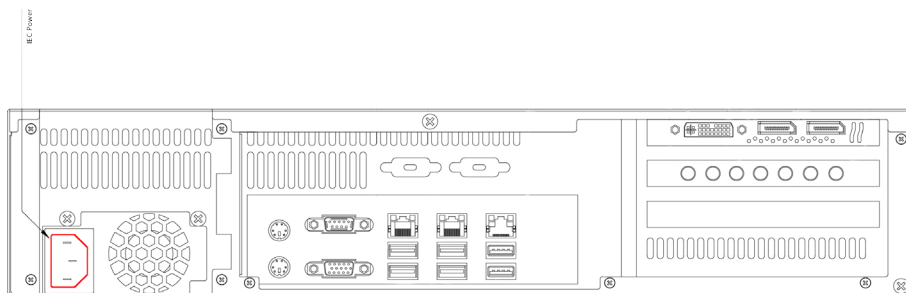
Quick start

1. Make sure you have connected a keyboard, mouse, monitor and speakers as shown below.



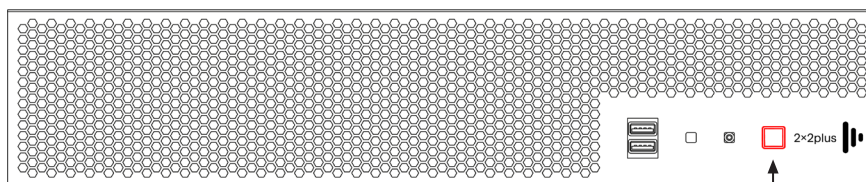
Unit connected to peripherals

2. Connect the power cable from the accessories box as shown below to a power point.



IEC power on rear of unit

3. Press the power button on the front of the unit and wait for the system to load into Windows.

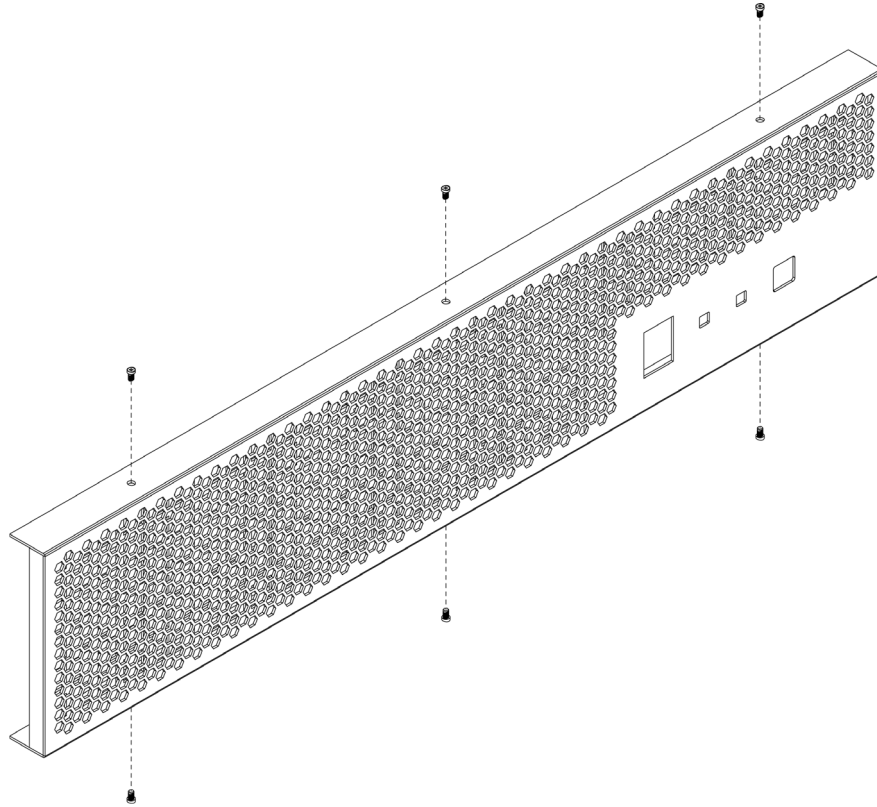


Power on/off button on front of unit

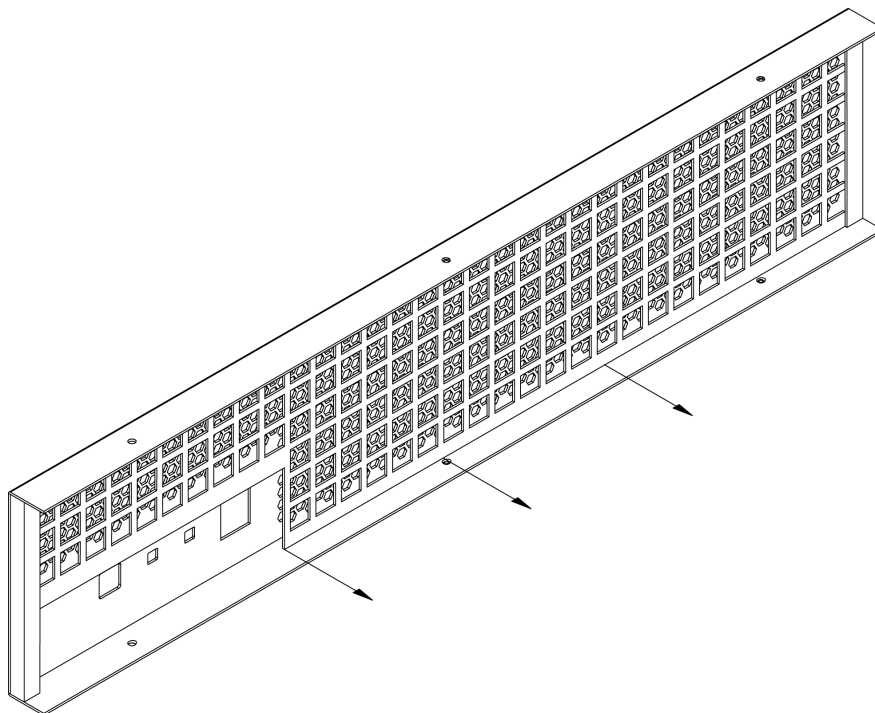
4. Run Manager from the start menu in windows to start a project (see help.disguise.one for how-to info).

Maintenance

Please check the fan filter regularly. Dirty or obstructed fan filters can degrade system performance.



To reveal and inspect the air filter remove the six screws on the front fascia of the unit as shown



Remove the air filter material by sliding it out in the direction shown

After cleaning replace the filter in the metal housing and then replace the front fascia

Accessories

DisplayPort adapters

Each 2x2plus system ships with two DisplayPort to DVI adapters to allow connectivity to devices that support the DVI interface. These are Single-Link adapters, see image below:

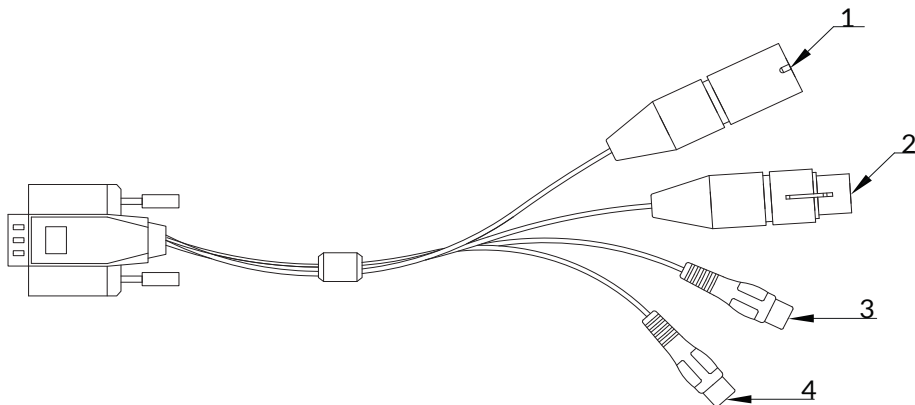


Single-Link adapter

These DisplayPort adapters will allow you to output resolutions up to 1920 × 1200 pixels per DP output.

Digital audio breakout

The Pro Audio option comes with an analog breakout cable which lets you choose which input/ output to use.

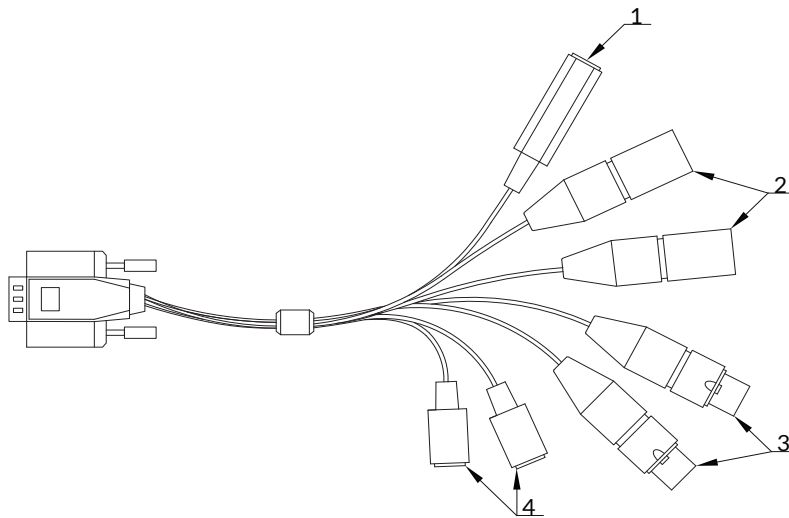


Digital breakout cable

1. Balanced line in (XLR)
2. Balanced line out (XLR)
3. RCA phono (white is S/PDIF input)
4. RCA phono (red is S/PDIF output)

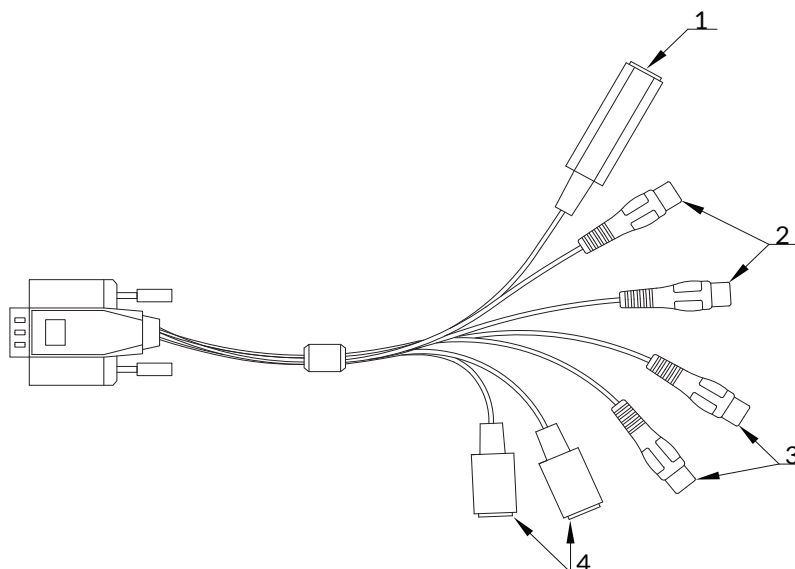
Accessories

Analog audio breakout



Balanced analogue breakout cable

1. Stereo headphone
2. 2 × balanced line out (XLR)
3. 2 × balanced line in (XLR)
4. Midi in & out (5 pin DIN)



Un-balanced analogue Breakout cable

1. Stereo headphone
2. Line in (Right and Left)
3. Line out (Right and Left)
4. Midi in & out (5 pin DIN)

For recommended accessories please see help.disguise.one

General information

Should you have questions or experience issues with this product, contact disguise Technologies Support department for assistance.

Only certified technicians should attempt to repair or configure components, please contact your sales manager to arrange this or contact one of our support team through the contact page in this booklet.

Ultimate disposal of this product should be handled according to all regional and national laws and regulations.

Power consumption

AC-INPUT 100-240V

50/60Hz, 7A

Assembled in the UK with partial foreign content

Technical details and specifications can be found at: disguise.one/en/products/plus

This product contains componenets compliant with various International standards of manufacture, for full information please see help.disguise.one

Support

Helpful contacts

Support Team	support@disguise.one
Training Team	training@disguise.one
Sales Team	sales@disguise.one

Helpful links

User Guide	help.disguise.one
Trial	disguise.one/en/get-disguise/get-trial/
Software Updates	disguise.one/download
Additional Designer licenses	store.disguise.one