

PREMIUM HDMI SELECTOR

User Manual
Bedienungsanleitung
Mode d'emploi



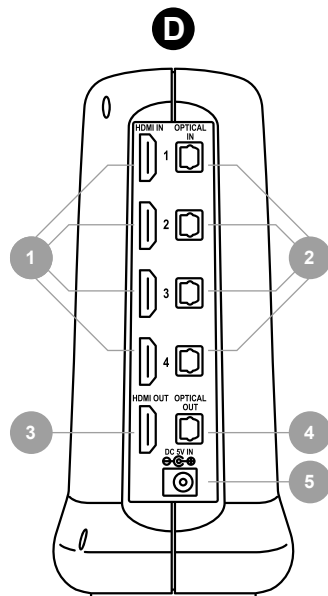
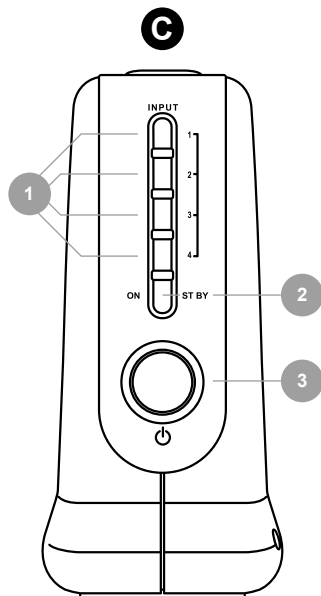
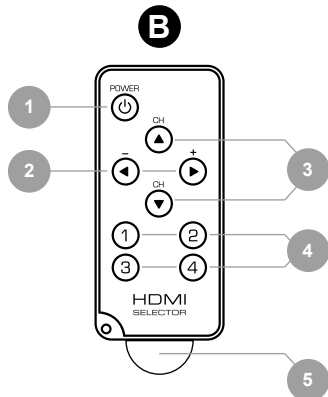
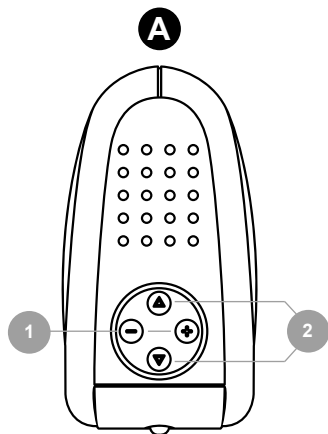


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IMPORTANT SAFETY INSTRUCTIONS

- Before setting up and starting your snakebyte HDMI Selector please read this manual thoroughly. If you comply with all instructions and tips, operating the selector is pretty easy and comfortable. Please retain this manual for future reference.
- If you don't want to lose your warranty please refrain from opening the HDMI selector – there are no user serviceable parts inside anyway. Inappropriate handling does invalidate the warranty and often leads to utter demolition of the device. Therefore, any repairs have to be carried out by the customer service exclusively.
- Never use another power supply than the one in scope of delivery. Utilization of third party power supplies invalidates the warranty – no matter what damage is done to the selector.
- Keep your snakebyte HDMI Selector away from liquids and liquid containers such as vases, bottles, hot baths, jacuzzi tubs, etc. Besides the mortal danger, any damage occurring from liquids invalidates the warranty.

INTRODUCTION

Thank you very much!

Congratulations for purchasing the snakebyte HDMI Selector. We really appreciate your trust in our fine products. This selector was thoroughly assembled by skilled Chinese rocket scientists under constant quality inspection. Have fun with this useful tool.

If you follow this manual, set up, operation, and basic maintenance of the HDMI selector is cakewalk. In case you encounter any problems exceeding this manual please contact your dealer or our friendly customer support (Address page 11)

HDMI in a nutshell

HDMI stands for “High Definition Multimedia Interface” and is a world-wide established standard for lossless transport and flawless playback of uncompressed digital video and audio data – via only one unique interface.

If you want to go deeper into the matter of HDMI we strongly recommend visiting the official home page of the HDMI licensing LLC www.hdmi.org. There you'll find lots of information on the HDMI Founders and hundreds of HDMI Adopters plus many useful further facts.

What does my snakebyte HDMI Selector do?

The snakebyte HDMI Selector is the perfect solution when you want to connect more than one HDMI source (such as a DVD, HD DVD, or Blu-ray Disc™ Player, e.g. the Playstation®3) to a single HDMI receiver, i.e. a Plasma or LCD TV, a video projector, or an AV receiver. Additionally, the really annoying crawling behind dusty racks and shelves to unknot your cables and reconnect your hardware will be history. Besides the immense gain in convenience, your expensive connectors, sockets and jacks will therefore suffer less mechanical load.

Furthermore, the snakebyte HDMI Selector features a powerful signal equalizer that provides for highest signal quality even with a cable length of more than 10 m. (This is an approximate value measured in our technical labs. This value can differ depending on different bandwidths and the

quality of the connected cables. We recommend HDMI cables from our snakebyte Premium cable range.)

The signal equalizer renders the snakebyte HDMI Selector cascable, i.e. it is daisy-chainable with other snakebyte HDMI selectors and even HDMI compliant switches from other manufacturers following the HDMI Licensing LLC. If you buy additional HDMI products please pay attention to this cascability feature.

Specifications

- Up to 720p/1080i/1080p (50/60 Hz) resolution (PC: UXGA)
- Bandwidth supports pixel rates from 25–165 MHz (data rate up to 4.96 Gbps)
- Specifications comply with HDMI 1.2a, HDCP 1.1 and DVI 1.0 standards
- Supported digital video standards
 - 24 Bit RGB/YCbCr 4:4:4
 - 16/20/24 Bit RGB/YCbCr 4:2:2
 - 8/10/12 Bit YCbCr 4:2:2 (ITU BT-656)
- Supported audio:
 - Eight uncompressed audio channels (192 KHz/24 Bits)
 - Dolby® Digital, DTS™
- Inputs:
 - 4 x HDMI (HDCP compliant)
 - 4 x Toslink (S/P-DIF)
- Outputs:
 - 1 x HDMI (HDCP compliant)
 - 1 x Toslink (S/P-DIF)
- Power supply:
 - AC adaptor, input current 100–240V, 50/60 Hz, output current 5V, 0,5A
- Weight:
 - 0,6 KG
- Dimensions:
 - 175 mm x 140 mm x 80 mm

Technical data is subject to change without notice.

INSTALLATION

Included in delivery

Within the package of the snakebyte HDMI Selector you should find the following items:

- 1x HDMI Selector
- 1x HDMI cable (length 2 m)
- 1x IR remote control (incl. coin cell)
- 1x power supply unit
- 1x this manual

If any part is missing or obviously broken please contact your dealer immediately. If there are more than the five mentioned items included – congratulations!

Setting up the device

Control panel

Front:

1. Channel select indicator: Four LEDs to indicate the selected channel
2. ON/STANDBY indicator: Indicates the device's status (green: active, red: Standby)
3. ON/OFF Button & IR-Sensor: Make sure the IR sensor is not blocked or covered and within clear sight when the remote control is used.

Top:

1. Channel +/-: Channel select without remote control. Pressing the „+“ button beyond channel 4 cycles back to channel 1 (and vice versa).
2. Equalizer: Signal loss compensation when used with cables exceeding 10 m length. Press „+“ to compensate bad quality signals. The respective channel LED will blink during this process.

Back:

1. HDMI inputs: Connect your signal sources here via HDMI cables.
2. S/P-DIF/Toslink inputs: Connect your signal sources here via optical cable for digital sound reproduction (only necessary when the HDMI selector is used with DVI cables)
3. HDMI output: Connect your HDMI receiver (HDTV, Beamer, AV receiver) here using the included HDMI cable.
4. S/P-DIF/Toslink output: Connect your amplifier or AV receiver here for reproduction of digital sound
5. Power supply

Annotations for use with signal sources featuring DVI exclusively:

To operate DVI gear with the snakebyte HDMI Selector please use either a customary DVI/HDMI adaptor (available in stores) in combination with standard HDMI cables, or DVI - HDMI cables. DVI (Digital Video Interface) is basically compatible with HDMI – only basically because it does not transport digital audio. Therefore, please use the corresponding optical ports of the HDMI Selector (applies to signal sources as well as play back devices).

Infrared remote control

1. ON/OFF-Button
2. Channel +/- Buttons (functionally identical with button no. 4 on the HDMI Selector)
3. Equalizer +/- Buttons (functionally identical with button no. 5 on the HDMI Selector)
4. Direct channel select buttons
5. Battery protector sheet (remove plastic sheet after purchase to activate the remote control)

Security advices for placement and connection

- Place the HDMI Selector onto a stable and even surface. Ideally close-by your play back device countervailing long cable distances.
- Avoid contact with any liquids as this may lead to short-circuit and further damage. Keep the HDMI Selector away from vases, open bottles, buckets, etc. – or vice versa.
- The same counts for burning objects such as candles, cigarettes, ashtrays, etc. Fire, heat and wax may damage the Selector.
- Although the snakebyte HDMI Selector does not emit high operating temperatures, please make

sure that the device is aerated to prevent heat accumulation (e.g. when placing the device in a closet).

- Make sure that the device is not exposed to direct sunlight. Always keep it in a safe distance from heat sources, e.g. radiators.
- All connected cables should be strain-relieved. Strained cables may damage sockets and/or plugs.
- To clean the snakebyte HDMI Selector, use a soft cloth or a static duster. Do not use cleaning agents. Always unplug the power supply before cleaning.
- In case of extraordinary thermal fluctuation, e.g. after transport by mail, make sure that the HDMI Selector has enough time for acclimatization before operating the device. Extreme thermal fluctuation can lead to condensation inside the device which in turn can damage the HDMI Selector.
- Before connecting or disconnecting a cable, please switch off the device and unplug the power supply.

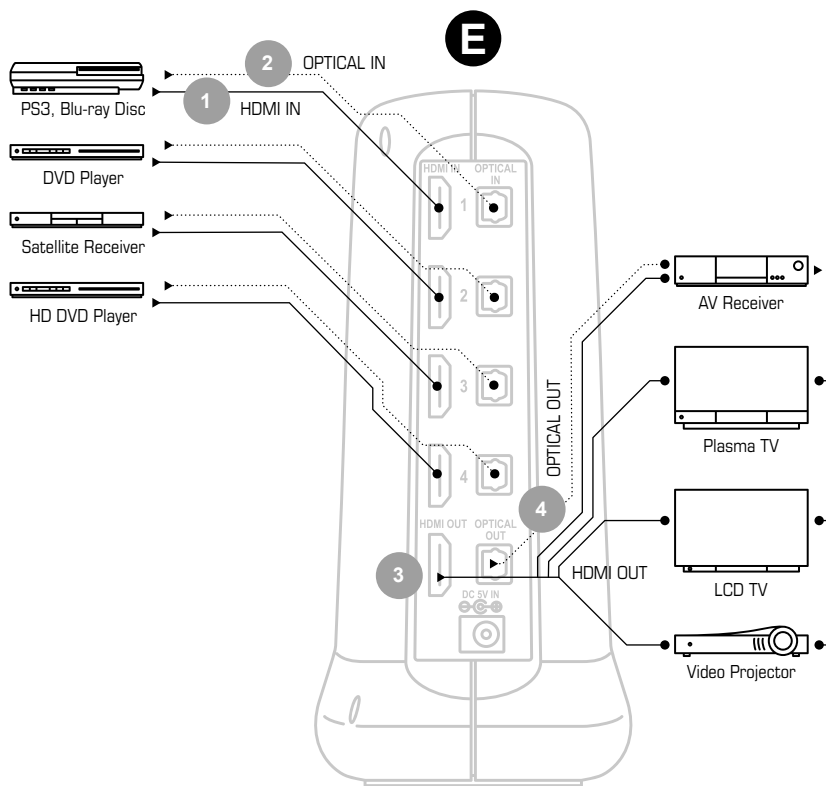
Connecting the snakebyte HDMI Selector

1. Connect the HDMI input of your HDMI complying play back device to the HDMI Selector's output with a HDMI cable (one cable included).
2. Connect the HDMI sources with the HDMI Selector's inputs of your choice.
3. Do not connect the provided power supply and switch on the HDMI Selector until you have connected ALL HDMI devices. Utilization of third party power supplies invalidates the warranty – no matter what damage is done to the selector.

Make sure that all plugs are strain-relieved and tightly connected to their sockets.
Over a longer period, mechanical tension may damage the sockets.

Your snakebyte HDMI selector is now ready for operation. Make sure that your signal sources and your play back device operate in HDMI mode.

Examples (HDMI/TosLink)



Initial operation

1. Push the ON/OFF button of the remote control (Nr.1, fig. B) or on the front panel of the HDMI Selector (Nr.3, fig. C) to activate the device.
2. Now, the STANDBY indicator (Nr.2, fig. C) turns from red to green. The LED of input channel 1 will light green as well.
3. After a few seconds of initialization your play back device should play back the signal of the source connected to channel 1. This latency is no cause for concern: HDMI source and HDMI play back device need this time for a firm handshake where the necessary copy protected connection (HDCP) is established.
4. Tune in the designated channel with the Channel +/- buttons on your remote control (Nr.2, fig. B) or the ones on top of the HDMI Selector (Nr.1, fig. A).
5. If necessary optimize the digital signal with the built-in equalizer via your remote control (Nr.3, fig. B), or via the buttons on top of the device (Nr.2, fig.A). A short blinking of the active LED confirms this action.

TROUBLESHOOTING

If you encounter any problems using the snakebyte HDMI Selector please read this section carefully before contacting our customer support or your dealer.

1. The HDMI Selector does not work at all, no LED is lit!

- Check whether the power supply is properly connected – to the HDMI Selector as well as to the outlet. If that is the case and there's still nothing lit or working, check the corresponding fuse of your home's fuse box.

2. There's no picture!

- Are all cables connected properly?
- Perhaps you activated the wrong channel?

- Sometimes even a fairly short HDMI cable may lead to interferences and drop outs – if it is rather cheap and of poor quality. To achieve optimal picture quality, use premium HDMI cables such as the one included in delivery.
- Verify, whether the connected devices operate in HDMI mode.
- Make sure that the HDMI source is HDCP compliant.

3. I don't hear anything!

- Are all cables connected properly?
- Perhaps you activated the wrong channel?
- Sometimes even a fairly short HDMI cable may lead to interferences and drop outs – if it is rather cheap and of poor quality. To achieve optimal sound quality, use high-quality HDMI cables such as the one included in delivery.
- Make sure that your AV receiver (if you use one) is set up correctly. Please refer to your AV receiver's manual for further information and troubleshooting.
- If you want to play back audio via your TV, make sure that it is set up properly to play back HDMI audio.

CONTACT AND SUPPORT

If you still encounter problems that can not be solved by reading the section „troubleshooting“, please contact us:

Sunflex Europe GmbH
Corunnastrasse 6
58636 Iserlohn
Deutschland

Tel: +49 (0)2371 9357-0
Fax: +49 (0)2371 9357-11
E-Mail: support@snakebyte-europe.com

TERMS OF GUARANTEE

We issue a guarantee of two years after purchase of the snakebyte HDMI Selector. Therefore, please keep your invoice, e.g. together with this fine manual.

In order not to invalidate the warranty and to protect your health never try to repair and/or open the device. There are no user serviceable parts inside anyway. On top, the danger of electric shock or even fire is reduced considerably.

The guarantee is limited to defective parts or crappy assembly of the HDMI Selector exclusively, i.e. it only covers manufacturing defects.

Amongst others the following defects can not be asserted:

- basically all defects resulting from violation of this manual
- defects resulting from improper use or cleaning
- mechanical and optical flaws (e.g. scratches, broken casing caused by brute force or carelessness)
- defects caused by force majeure
- any defects caused by components that are not themselves parts of or the HDMI Selector itself

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