



# FeinTech VMS142010 HDMI 2.1 Matrix Switch 4X2 plus Audio Extractor User Manual

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## HDMI 2.1 Matrix Switch 4x2 + Audio Extractor

### Operating instructions

Thank you for purchasing this high quality product. Please keep this manual in order to clarify any questions regarding its use. Our service and our website will provide you with further information. More detailed instructions are available for download there.

#### Intended use

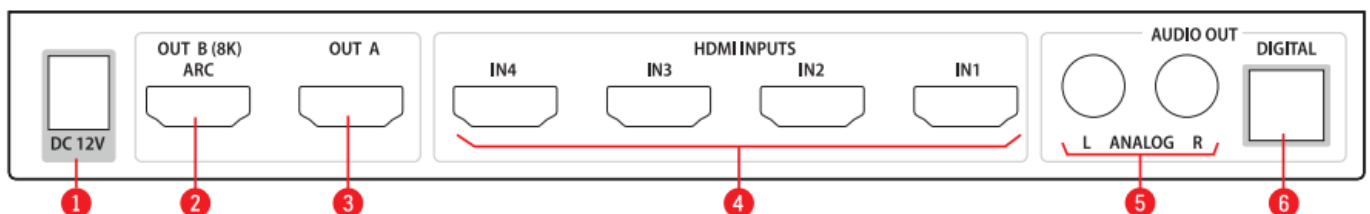
- Enables the connection of 4 HDMI sources such as PC, game console and media player to 2 HDMI sinks, e.g. to a TV and a video projector.
- Distributes the signal of one source to both HDMI sinks, or delivers different signals from 2 sources to both HDMI sinks.
- Audio extractor for outputting the sound of an external player or the TV via SPDIF Toslink and Cinch analogue

#### Scope of delivery:

HDMI 4x2 matrix switch, power supply unit, remote control, battery, instructions.

#### Installation and operation

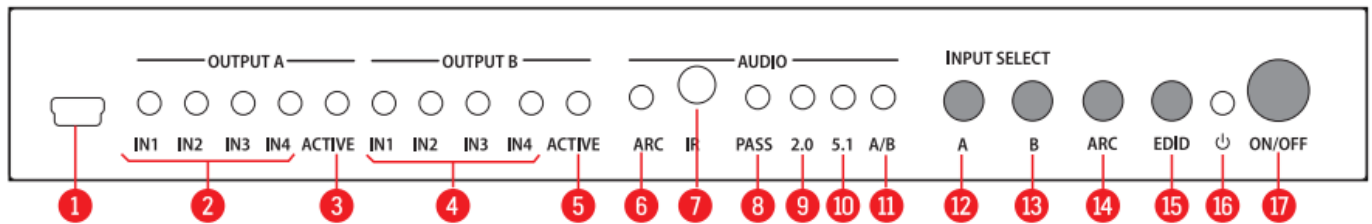
- Connect the HDMI outputs of up to 4 devices to HDMI IN1 to IN4 on this switch.
- Connect HDMI OUT A and B to an HDMI input of the TV, monitor, AV receiver or video projector.
- We recommend connecting a TV with HDMI 2.1 interface and/or HDMI ARC function to the OUT B connector.  
Note: The HDMI-ARC connection of a sound bar is an HDMI output and cannot be connected meaningfully to this switch, but only to the TV.
- Connect the power supply unit to the DC connector and plug it into the wall socket.
- First switch on the HDMI sink (e.g. TV), then the HDMI source
- Select the desired input player for output OUT A by pressing key A on the switch or key 1–4 on the remote control.
- Select the desired player for output OUT B by pressing the B key, or use the remote.



#### Connections on the rear

1. Power supply connector (DC hollow plug 5521), for connection to the 12V power supply unit.
2. HDMI output B with support for ARC (Audio Return Channel). We recommend connecting a TV with HDMI-ARC or HDMI-eARC here.
3. HDMI output A for another display
4. HDMI inputs 1 – 4 for connecting to the HDMI output of a source
5. Analogue audio outputs Chinch / RCA jacks (stereo active only)

## 6. Digital, optical audio output SPDIF Toslink (only active with stereo, Dolby Digital/ AC3 and DTS)



### Displays and connection on the front

1. Mini-USB interface for service purposes
2. LED indicator for the selected input/player at output A
3. LED lights up when output A receives a signal
4. LED indicator for the selected input / player at output B
5. LED lights up when output B receives a signal
6. LED lights up when ARC is active. The sound from OUT B is then output via the audio outputs (analogue only for stereo, digital for stereo, DD5.1 or DTS)
7. Infrared receiver for the remote control
8. PASS EDID mode: the audio format is determined by the display
9. 2.0 EDID mode: the audio format is limited to stereo
10. 5.1 EDID mode: the audio format is set to Dolby Digital / Dolby Digital Plus (if available, otherwise stereo)
11. LED is lit when the audio format corresponds to OUT A. When the LED is off, the audio format is optimised for output OUT B.

### Controls on the front panel

12. Key A for selecting the input 1–4 for display A
13. Key B for selecting the source 1–4 for display B
14. Activates / deactivates the ARC function for sound output from Display B to the audio outputs
15. Switches between the 3 EDID modes PASS / 2.0 / 5.1 with a short tap Switches between the audio EDID of output A/B when pressed and held (3 s)
16. Power LED lights up when the switch is on
17. On-off switch

### HDMI 2.1 transmission

For HDMI 2.1 transmission to be possible, e.g. 4K 120Hz for gaming, both connected HDMI displays must support HDMI 2.1. Mixed operation with HDMI 2.0 is not possible.

### Dolby Vision / HDR10+ / 3D Video

In order for a player to output these video formats, both connected displays must support them. If, for example, the TV at output A supports Dolby Vision, but the projector at output B does not, the output is HDR10.

### Downscaler

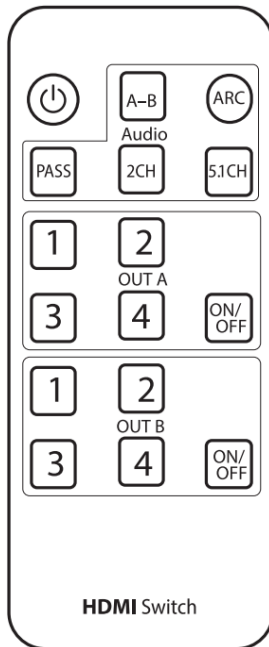
The switch has an automatic downscaler so that a 4K and a Full HD display can be operated at the same time. The 4K video signal is thus reduced to 1080p resolution for the Full HD device. At the same time, the 4K device receives the original signal. The frame rate cannot be changed in the process. A maximum of 4K 60Hz can be scaled; 1080p 60Hz is then output on the Full-HD TV.

### Audio EDID

Select PASS if you are not using the audio outputs on the switch. Use the A/B button to select whether the maximum audio format of the device at output A or B is used. If, for example, a TV with a sound bar is operated at output B, set B here. The LED A/B is then not lit. If the „better“ sound system is connected to output A, press the A/B key on the switch for 3 seconds or use the A-B key on the remote control. The Audio EDID of OUT A is used. The LEDs A/B and PASS then light up.

#### Remote control

All functions can be controlled with the supplied infrared remote control, which is powered by a CR2025 battery.



Standby on/off

**A-B** Prioritises audio output for OUT A or OUT B

**ARC** Switches ARC on (or off) and delivers the TV sound from OUT B via the audio outputs if the TV supports HDMI ARC.

**PASS** The max. audio format is determined by the TV (selectable via key A-B).

**2CH** The audio format is limited to stereo.

**5.1CH** The audio format is set to 5.1 bitstream.

**1-4** Selects input 1-4 for output on OUT A or OUT B

**ON/OFF** Switches output OUT A or OUT B on/off.

More information online:



#### Safety instructions

Please do not cover the cabinet and do not install the unit to avoid overheating.

- Keep away from heat sources, fire, water and moisture.
- Do not place heavy objects on the unit or the connecting cables.
- Do not open or drill holes in the casing.
- Clean the surface of the unit only with a soft, dry cloth – without cleaning agents, petrol or similar.

If the unit will not be used for a long period of time or if it malfunctions, please disconnect the power supply

#### Service

Inspection of the unit by qualified service personnel is necessary in the following cases:

- Objects or liquids have entered the unit.
- The unit is not operating normally or the performance has changed.
- The unit has been dropped or the casing is damaged.

In this case, disconnect the power supply and do not operate the unit any longer. Do not attempt to repair or open the unit yourself. Contact trained service personnel or contact the seller or FeinTech, e.g. by e-mail to

#### Disposal of the packaging

The packaging of the unit consists exclusively of recyclable materials. Please return it according to your local recycling system. Please contact your dealer or your municipal waste disposal facility / recycling centre for information on current disposal methods.

#### Disposal of the appliance

Old appliances are not worthless waste. Valuable raw materials can be recovered through environmentally friendly disposal. This product must not be disposed of with normal household waste at the end of its life, but must be taken to a collection point for the recycling of electrical and electronic equipment.



The symbol on the product, the instructions for use or the packaging indicates this. The materials are recyclable according to their labelling. By reusing, recycling or otherwise recovering waste equipment, you are making an important contribution to protecting our environment.

Information according to REGULATION (EU) 2019/1782

Importer: Spreewald Kommunikationstechnik GmbH, HR B 1107 Cottbus, Radensdorfer Hauptstr. 45 a, 15907 Lübben, Germany

Manufacturer: Dongguan Yingna Electronic Technology Co. Ltd.

- Model identifier: YN-15WA120100EU
- Input voltage 100–240 V
- Input AC frequency 50/60 Hz
- Output voltage 12 V DC
- Output current 1.0 A
- Output power 12.0 W
- Average efficiency in operation 84.69%
- No-load power consumption 0.062 W

#### CE Declaration of Conformity

This product complies with EU directives and may only be used in conjunction with shielded cables. We, Spreewald Kommunikationstechnik GmbH, hereby declare that this device complies with the EMC Directive 2014/30/EU, the Low-Voltage-Directive 2014/35/EU and the RoHS Directive 2011/65/EU. The formal declaration of conformity is available at <https://feintech.eu/ce> or on request.

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#### Documents / Resources



[FeinTech VMS142010 HDMI 2.1 Matrix Switch 4X2 plus Audio Extractor](#) [pdf] User Manual  
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## References

- **Ft** [FeinTech | Dein Spezialist für Audio, Video & HDMI | Offizieller Shop](#)
- **Ft** [CE Konformitätserklärungen - FeinTech](#)

Manuals+.