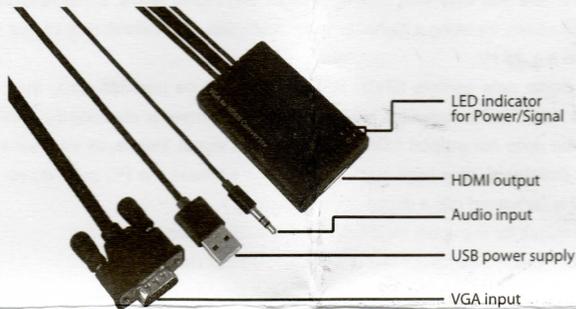# VGA TO HDMI Converter User Manual

Introductions:

Integrated the VGA & Audio or VGA source to convert to the HDMI displays. When it is processing the VGA signals. It does not execute the scaler processing, so the highest resolution can up to 1920x1080
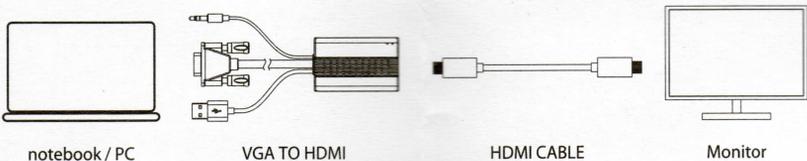
Specification s & Features:

- Signal transfer: One VGA input one Stereo input one USB power supply one HDMI output
- Definitions support: 800x600、1024x768、1280x720、1280x768、1280x960、1280x800 1280x1024、1360x768、1600x900、1680x1050、1920x1080
- Support the VGA Port with more definitions, good compatibilities, high resolutions.

Product Image :

- LED indicator for Power/Signal
- HDMI output
- Audio input
- USB power supply
- VGA input

Product Graphic:

notebook / PC   VGA TO HDMI   HDMI CABLE   Monitor

Connection and Getting Started

- Exit the operating system and switch off your computer.
- Connect the VGA plug of the video converter to the analog VGA output of your computer.
- If you want to playback the audio signal of the computer directly via the HDMI output of the video converter, connect the 3.5 mm jack plug with the analog audio output of the sound card.
- The video converter is supplied with power via the USB plug. Connect it to a USB port of the computer.
- The USB port must be capable of providing a current of 500 mA   (high-power USB port). Therefore, use e.g. one of the USB ports on the rear of the PC. If you decide to operate the video converter on a notebook, it might be required to operate the notebook via its power pack (instead of using the

accumulator), other-wise the power via USB may not be sufficient.

- Then connect the HDMI jack on the video converter's housing to the HDMI input of your monitor using a HDMI-compatible cable.
- Switch on the monitor and then the computer. The power LED on the video converter lights up.
- If your monitor has several inputs, you may have to select the HDMI input before you can see an image on the computer. If the video converter detects an HDMI device connected, the blue LED lights up.

Tips and Notes

- The video converter does not require a driver installation, because it performs the conversion of the analog VGA signal to an HDMI signal via hardware.
  Thus, the converter does not depend on the operating system used.
- Nearly every standard VGA resolution can be converted to an HDMI signal. Because there are numerous graphics cards available and they emit different signals and signal levels, some resolutions may not be convertible. In such cases, try using a higher or lower resolution. The refresh rate should be reduced to 60 Hz too, if it is set to e.g. 75 Hz.
- The playback of digital data carriers (DVD, Bluray) might not be possible since they require a digital graphics card with HDCP in the computer. However, the video converter converts the analog VGA signal of the computer (which does not support HDCP) into an HDMI signal. Hence, as inherent to their functional principle, it is not possible to play back such data carriers because the PC only has an analog graphics card whose signal is converted into a digital signal externally.
- Select the correct output for the audio playback in the operating system :
  - Windows: Control Panel > Sounds > Playback tab; Set Default Device
  - Mac: System Preferences > Sounds > Output tab; Select Default Sound output
  Otherwise a play-back of the audio signal via HDMI will not be possible. Furthermore, ensure that the 3.5 mm phone jack is connected to the correct port of the computer (e.g. labelled with "Audio Out" or " Line Out" or "Phones").