



## ROLAND V-02HD

### VIDEO

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Video Processing

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4:4:4 (Y/Pb/Pr), 10-bit

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Input Connectors

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INPUT 1--2: HDMI type A x 2

\* HDCP Supported

\* Multi-format Supported

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Output Connectors

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PROGRAM OUT: HDMI type A

PREVIEW OUT: HDMI type A

\* HDCP Supported

\* Multi-format Supported

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Input Formats

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480/59.94i, 576/50i, 480/59.94p, 576/50p

720/59.94p, 720/50p, 1080/59.94i, 1080/50i

1080/59.94p, 1080/50p

VGA (640 x 480/60 Hz), SVGA (800 x 600/60 Hz), XGA (1024 x 768/60 Hz)

WXGA (1280 x 800/60 Hz), FWXGA (1366 x 768/60 Hz)

SXGA (1280 x 1024/60 Hz), SXGA+ (1400 x 1050/60 Hz)

UXGA (1600 x 1200/60 Hz), WUXGA (1920 x 1200/60 Hz)

\* The refresh rate is the maximum value of each resolution.

\* Conforms to CEA-861-E, VESA DMT Version 1.0 Revision 11.

\* 1920 x 1200/60 Hz: Reduced blanking

\* The video signal frame rate can be selected at the SYSTEM menu (59.94 Hz or 50 Hz).

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Output Formats

[www.geier-tronic.de](http://www.geier-tronic.de)

Tel 030 / 692 55 59 ▲ Fax 030 / 691 33 35

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# GEIER-TRONIC



Geier-Tronic GmbH ▲ Gneisenastr. 60 ▲ 10961 Berlin

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480/59.94p, 576/50p  
720/59.94p, 720/50p, 1080/59.94i, 1080/50i  
1080/59.94p, 1080/50p  
SVGA (800 x 600/60 Hz), XGA (1024 x 768/60 Hz)  
WXGA (1280 x 800/60 Hz), FWXGA (1366 x 768/60 Hz)  
SXGA (1280 x 1024/60 Hz), SXGA+ (1400 x 1050/60 Hz)  
UXGA (1600 x 1200/60 Hz), WUXGA (1920 x 1200/60 Hz)

\* Conforms to VESA DMT Version 1.0 Revision 11.

\* The output refresh rates of 800 x 600--1400 x 1050 are 75 Hz when the unit's frame rate setting is 50 Hz.

\* 1920 x 1200/60 Hz: Reduced blanking

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## Video Effects

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Transition: CUT, MIX (DISSOLVE), WIPE (9 types)

Composition: PinP (SQUARE, CIRCLE, DIAMOND), KEY (Luminance Key, Chroma Key)

Visual Effects (14 types): MOZAIC, WAVE, RGB REPLACE, COLORPASS, NEGATIVE, COLORIZE, POSTERIZE, SILHOUETTE, EMBOSS, FINDEDGE, MONOCOLOR, HUE OFFSET, SATURATION OFFSET, VALUE OFFSET

Others: Flip horizontal, Flip vertical, Still Image Capture, Still Image Playback, Output fade (Audio, Video: WHITE or BLACK), Test pattern output

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## AUDIO

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### Audio Processing

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Sampling rate: 24 bits/48 kHz

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### Audio formats

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Linear PCM, 24 bits/48 kHz, 2ch

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### Input Connectors

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INPUT 1--2: HDMI Type A x 2

AUDIO IN: Stereo miniature type

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### Output Connectors

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PROGRAM OUT: HDMI type A

PREVIEW OUT: HDMI type A

PHONES: Stereo miniature type

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### Input Level

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AUDIO IN: -10 dBu (Maximum: +8 dBu)

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### Input Impedance

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AUDIO IN: 45 k ohms

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Output Level

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PHONES: 92 mW + 92 mW (32 ohms)

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Output Impedance

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PHONES: 10 ohms

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Audio Effects

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Delay, High pass filter, Compressor, Noise gate, Equalizer, Multi-band compressor, Limiter, Test tone output

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## OTHERS

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Other Connectors

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USB: USB B Type (for backup from PC, for remote control from iPad)  
CTL/EXP: 1/4-inch TRS phone type

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Other Functions

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Preset Memory (8 types)

Panel lock function

EDID Emulator

Auto Scan

Auto Input Detect

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Power Supply

AC Adaptor

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