

## Video

### Video Processing

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

### Input Connectors

INPUT 1--2: HDMI type A x 2

\* HDCP Supported

\* Multi-format Supported

### Output Connectors

PROGRAM OUT: HDMI type A

PREVIEW OUT: HDMI type A

\* HDCP Supported

\* Multi-format Supported

### Input Formats

480/59.94i, 480/59.94p, 720/59.94p, 1080/59.94i, 1080/59.94p, 1080/60p, 1080/29.97p, 1080/30p \*1

576/50i, 576/50p, 720/50p, 1080/50i, 1080/50p, 1080/25p \*2

1080/23.98p, 1080/24p

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

WXGA (1280 x 800/60Hz), SXGA (1280 x 1024/60Hz)

FWXGA (1366 x 768/60Hz), SXGA+ (1400 x 1050/60Hz)

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

\* 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 input interlaced video signal is converted to progressive video signal by internal processing.

\* 1 FRAME RATE = 59.94 Hz

\* 2 FRAME RATE = 50 Hz

### Output Formats

480/59.94p, 720/59.94p, 1080/59.94i, 1080/59.94p \*1

576/50p, 720/50p, 1080/50i, 1080/50p \*2

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)

HD (1280 x 720/60 Hz), FHD (1920 x 1080/60 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

\* 1 FRAME RATE = 59.94 Hz

\* 2 FRAME RATE = 50 Hz

### Video Effects

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

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

Visual Effects (14 types): MOSAIC, WAVE, RGB REPLACE, COLORPASS, NEGATIVE, COLORIZE, POSTERIZE, SILHOUETTE, EMBOSS, FIND EDGES, 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

## Audio

### Audio Processing

Sampling rate: 24 bits/48 kHz

### Audio formats

Linear PCM, 24 bits/48 kHz, 2 ch

### Input Connectors

INPUT 1--2: HDMI Type A x 2  
AUDIO IN: Stereo miniature type

Output Connectors

PROGRAM OUT: HDMI type A  
PREVIEW OUT: HDMI type A  
PHONES: Stereo miniature type

Input Level

AUDIO IN: -15 dBu (Maximum: +3 dBu)

Input Impedance

AUDIO IN: 45 k ohms

Output Level

PHONES: 92 mW + 92 mW (32 ohms)

Output Impedance

PHONES: 10 ohms

Audio Effects

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

Others

Other Connectors

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

Other Functions

Preset Memory (8 types)  
Panel lock function  
EDID Emulator  
Auto Switching  
Auto Input Detect

Power Supply

AC Adaptor

Current Draw

1.1 A

Power Consumption

10.0 W

Operation Temperature

+0 to +40 degrees Celsius  
+32 to +104 degrees Fahrenheit

Dimensions

160 (W) x 108 (D) x 51 (H) mm  
6-5/16 (W) x 4-1/4 (D) x 2-1/16 (H) inches

Weight (excluding AC adaptor)

0.6 kg  
1 lbs 6 oz

Accessories

Startup Guide  
AC adaptor  
Power cord  
Cord hook

Options (sold separately)

Footswitch: BOSS FS-5U, FS-6, FS-7  
Expression Pedal: EV-5, BOSS FV-500L, FV-500H