

Anycast Touch

SONY
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Touch the future
of live production

Live Content Producer AWS-750

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The Anycast™ Touch AWS-750 Live Content Producer is a powerful content creation tool for a wide range of live applications such as education, houses of worship, and corporate seminars.

With the all-in-one style featuring a double touch-screen, the Anycast Touch enables intuitive, easy operation, and eliminates the cumbersome setup and signal adjustment process typically required when connecting various devices. Users can also store the setup information of all attached video sources, such as the camera input, title data, and transition effects. Additionally, scene lists can be prepared beforehand, allowing users to simply switch scenes during an event with just a single tap.

With a variety of powerful functionalities packed in its compact size, the Anycast Touch is ideal for space-limited applications and helps meet and even exceed your production requirements.





MAIN FEATURES

■ All-in-one Design

1 Video Switcher

- Up to six input sources are available
- Easy operation touch-screen system

2 Audio Mixer

- Up to five audio inputs can be mixed using simple touch-screen operation
- An audio delay function and an equalizer function are available

3 Display Incorporated

- All-in-one style system displays sources for input and streaming for simple operation

4 Streaming Function

- Stable streaming to an external streaming server

5 Program Recording

- Records PGM output in the built-in solid state drive (SSD) in high resolution; recorded files can be exported and edited by various types of non-linear editor

6 Titler

- Operators can generate texts to overlay onto the program output with the touch-screen keyboard; 10 languages are available for the text typing tool

7 Camera Remote Control Capability

- The Anycast Touch allows operators to easily control one or more compatible pan/tilt/zoom cameras at remote locations; Sony offers a variety of compatible cameras such as BRC Series cameras*

*For available models, please contact your nearest Sony office or Sony authorized dealer.

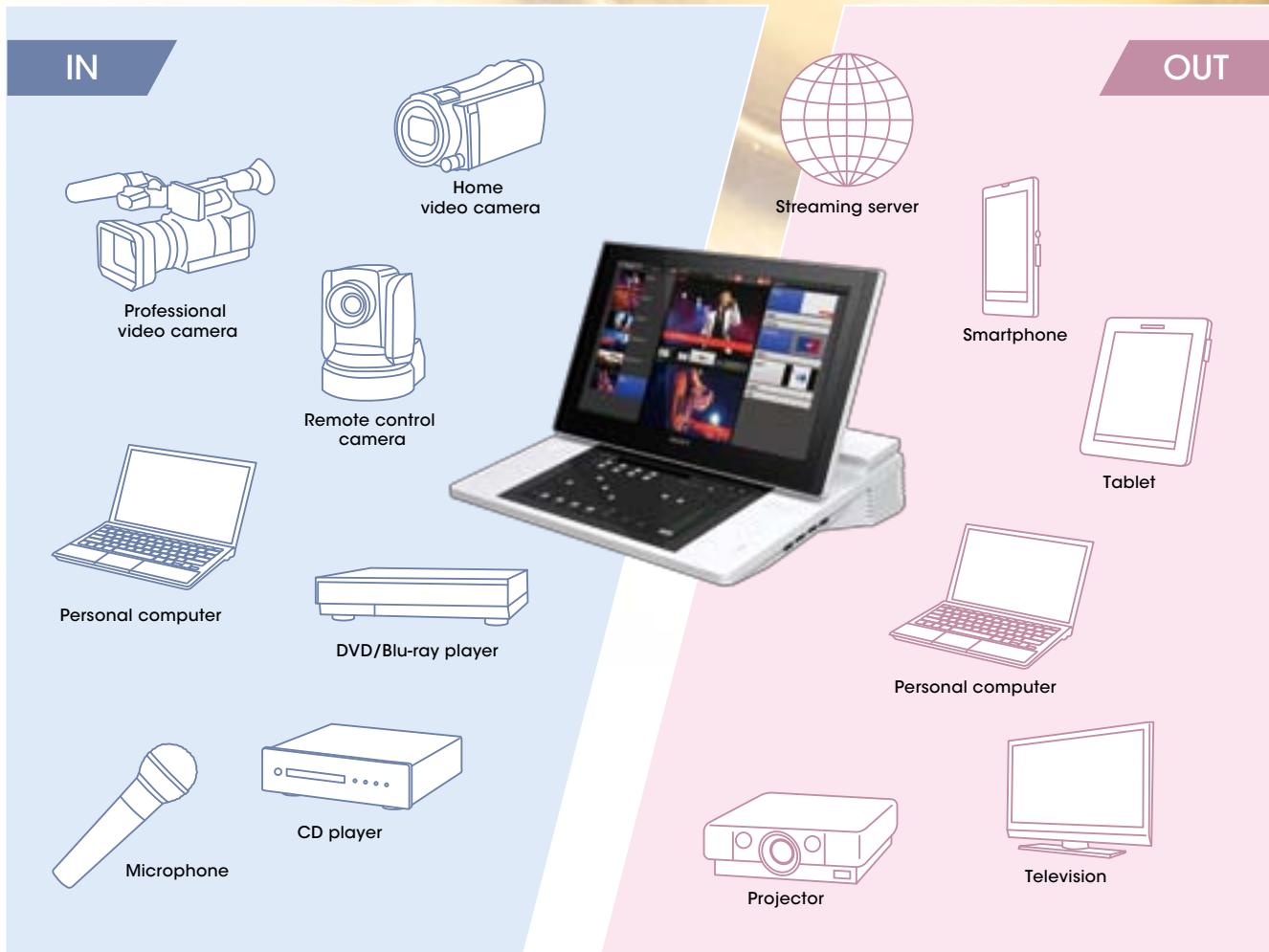
■ Applications



Corporate: conferences, seminars



Education: classrooms, assemblies



Flexible Connections for Diverse Applications

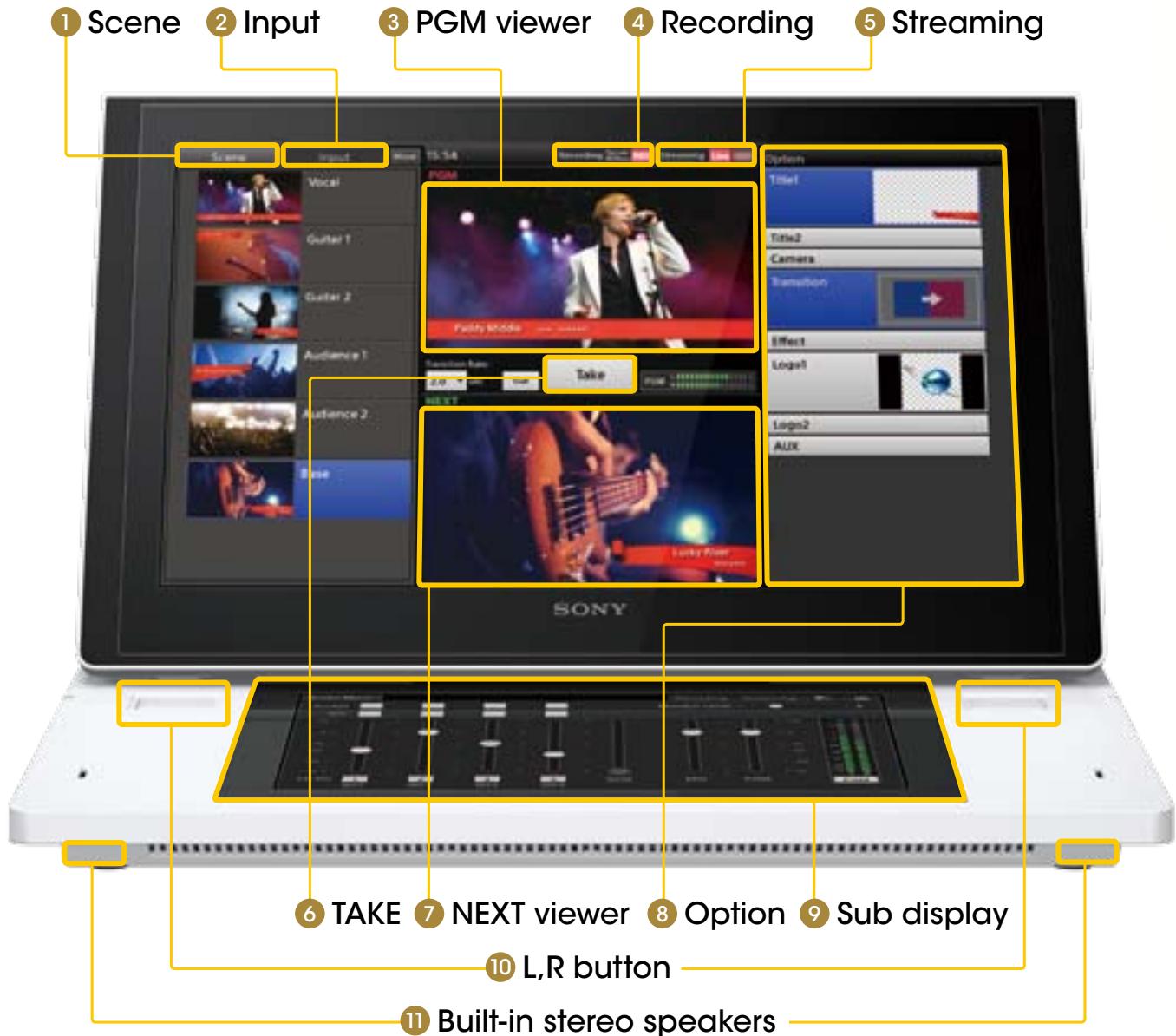


Special events: fashion show, concerts



Houses of worship: weddings, ceremonies

MAIN FEATURES



Rear Panel

① Scene

Up to 99 video sources can be stored in the scene folder with settings including titles, logos, and effects.
Operators can recall the next source just by touching its thumbnail picture.

② Input

Up to 99 settings for input sources can be stored, such as external inputs, black and color bar signals, and still images.

③ PGM viewer

This displays the source currently distributed or presented as PGM.

④ Recording

This records PGM output in the built-in SSD.

⑤ Streaming

Stable streaming is available to an external streaming server.

⑥ TAKE

Tapping TAKE switches PGM to the source shown at NEXT.

⑦ NEXT viewer

This displays the next source selected for output after the transition.

⑧ Option

Title

Up to two titles can be superimposed on the input source.

Camera

Various settings on remote control cameras can be stored and recalled.

Transition

Effects including mix and wipe can be applied when changing sources from the current PGM source to the next one.

Effect

Up to two Picture-in-Picture effects can be applied.

Logo

Up to two still pictures can be applied as logos with up to 320 x 320 pixels.

AUX

Can output a source in addition to the PGM source.

⑨ Sub display

Various settings including audio mixer and cameras are available. In addition, cameras can be controlled in pan, tilt, zoom, focus, and iris.

⑩ L,R button

Pressing the L or R button speeds the next source into PGM (this is also achieved by tapping the TAKE button).

⑪ Built-in stereo speakers



Left Side



Right Side

Specifications

| Video Signals Performance | |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Video Process | 10 bit, Y: 74.25 MHz, R-Y/B-Y: 37.125 MHz |
| SD Video Quantization and Sampling Frequency | 8 bit, Y: 13.5 MHz, R-Y/B-Y: 6.75 MHz |
| REF OUT Frequency Accuracy | Less than 50 ppm |
| Audio Signals Performance | |
| Sampling Frequency | 48 kHz (Audio Mixer) |
| Quantization | 24 bit (A/D, D/A), 40 bit (DSP) |
| Frequency Response (MIC/LINE) | 20 Hz to 20 kHz +0.5 dB to -2 dB |
| THD (MIC/LINE -20dBu 1kHz) | 0.1% or less |
| Dynamic Range | 90 dB or more |
| Supported Video Format | |
| System Format 59.94 Hz | 1080/59.94i Hz, 480/59.94i Hz |
| System Format 50 Hz | 1080/50i Hz, 576/50i Hz |
| Streaming Performance | |
| Format (Codec) / Protocol | Flash (H.264, AAC) / RTMP |
| Recording | |
| Recording Format | XDCAM™, MPEG HD (.mxf) |
| Recording Source | PGM or AUX |
| Recording Media | Internal mSATA (192 GB) |
| Video Switcher | |
| Configuration | Input : 6 Primary Video inputs 1 M/E + 4 Keyer (2 x PinP, 2 x Title) + 2 Logo Output : PGM Output, PGM/AUX Output |
| Key Type | Luminance Key / Alfa Channel / Chroma key |
| Internal Media Playback | Data can be imported from a USB flash memory device. |
| Audio Mixer | |
| Configuration | Input: 6 Analog Monoaural / 6 Stereo Embedded Audio inputs Mixing: 5 Stereo Mixing Output: PGM (Stereo) / MIX (Stereo) |
| Oscillator | 100 Hz, 1 kHz, 10 kHz |
| Camera Control | |
| Supported camera | BRC series camera (VISCA protocol) |
| Text Typing Tool | |
| Input Language | 10 languages English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean, German, Spanish, Italian, Portuguese, French |
| Keyboard | Built-in software keyboard |
| General | |
| Power Requirements | DC 19.5 V, 7.5 A |
| Operating Temperature | 5°C to 35°C (42°F to 95°F) |
| Dimensions (W x H x D) | 415 x 95 x 336 mm* ¹ (16 3/8 x 3 3/4 x 13 1/4 inches) |
| Mass | Approximately 6.5 kg (14 lb 5.3 oz) |

| Video Signals | |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Video Inputs | |
| HD/SD SDI | BNC (x4), 75 Ω, 1.5 Gbps, 270 Mbps SMPTE 292M, SMPTE 259M-C |
| Composite | Phono Jack (x2) VIDEO: 1.0 Vp-p 75 Ω, negative sync |
| RGB | D-Sub Shrink 15-pin (x2) (Female) |
| HDMI | HDMI (Type A) (x2) |
| Video Outputs | |
| HD/SD SDI | BNC (x2) 75 Ω, 1.5 Gbps, 270 Mbps SMPTE 292M, SMPTE 259M-C |
| HD SDI | BNC (x1) 75 Ω, 1.5 Gbps, SMPTE 292M |
| RGB | D-Sub Shrink 15-pin (x1) (Female) |
| HDMI | HDMI (Type A) (x1) |
| REF Out | BNC (x1) Analog black burst signal NTSC: 0.286 Vp-p ±2 dB, 75 Ω, negative sync PAL: 0.3 Vp-p ±2 dB, 75 Ω, negative sync |
| Audio Signals | |
| Audio Inputs | |
| Analog Inputs 1-4 | XLR/TRS Combo Type (x4) Ref. Level: +4 dBu, -20 dBu, -44 dBu Input impedance: 3.3 kΩ or more Mic. Power: +48 V On/Off |
| Analog Inputs 5-6 | Phono Jack (x2) Reference input level: -10 dBu, Input impedance: 10 kΩ or more |
| Audio Outputs | |
| PGM Out | TRS phone (x2) Reference level: +4 dBu (10 kΩ load). Max. output level: +24 dBu. Output impedance: 150 Ω |
| MIX Out | Phono Jack (x2) Reference level: -10 dBu (10 kΩ load). Max. output level: +10 dBu. Output impedance: 470 Ω |
| HEADPHONES | 1/4" Stereo Phone Jack Type (x1) Max. power: 70 mW (x2) Impedance: 47 Ω |
| Other Interfaces | |
| LAN | RJ-45 (x2), 100BASE-TX, 1000BASE-T |
| USB3.0 | USB (Type A) (x4), USB 3.0 equivalent |
| Panel | (i) 15.6-inch* ² High Brightness LCD 1920 x 1080 60 Hz (ii) 10.6-inch* ³ High Brightness LCD 1280 x 768 60 Hz |
| Speaker | Built-In Speaker (x2) Size: 20 mm in diameter |
| Supplied Accessories | |
| User's Guide (1), AC Adapter (Operating Voltage 100 V - 240 V, 2.5 A, 50 / 60 Hz) (1) | |

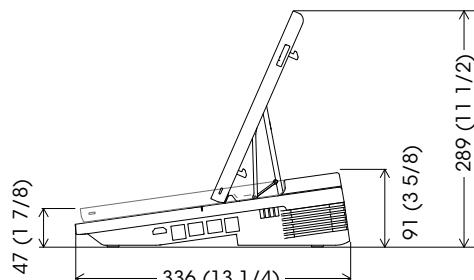
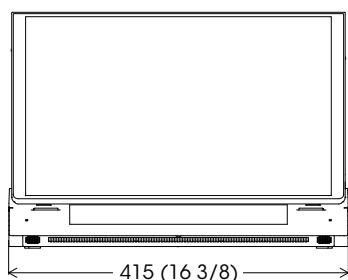
*1 Including the main display cover

*2 396.2 mm viewing angle, measured diagonally

*3 269.2 mm viewing angle, measured diagonally

Dimensions

Units:mm(inches)



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