# touch the future
# of live production
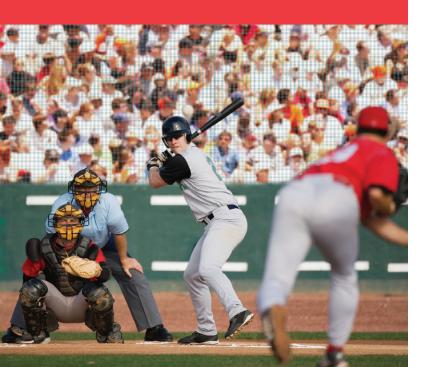
Anycast™ Touch
**Live Content Producer AWS-750**

# powerful content creation at your fingertips

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

With the all-in-one style featuring a dual touch-screen, the Anycast Touch allows for easy, intuitive operation and eliminates the cumbersome set-up and signal adjustment process typically required when connecting various devices. Users can also store the set-up 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 functions packed in its compact size, the Anycast Touch is ideal for space-limited applications and helps meet, and even exceed, the most demanding production requirements.

# Main Features

## All-in-One Design



■ **Video Switcher**
- Up to six input sources are available
- Easy operation touch-screen system

■ **Audio Mixer**
- Capability of mixing up to five audio inputs using simple touch-screen operation
- Audio delay function and equalizer function available

■ **Built-in Display**
Sources displayed for input and streaming for simple operation in all-in-one system

■ **Streaming Function**
Stable streaming to an external streaming server

■ **Titler**
Text generated to overlay onto the program output with the touch-screen keyboard

Feature Highlights

**1** Scene  **2** Input  **3** PGM viewer  **4** Recording  **5** Streaming



**6** Take  **7** Next viewer  **8** Option  **9** Sub display

**10** L, R Buttons

**11** Built-in stereo speakers

## Media Player
Use the built-in Media Player to play an image or a movie that is imported or recorded to the unit's internal storage as an input source

## On-board Program Recording
Records video output to the built-in 192 GB solid state storage in high resolution for up to 10 hours of content; recorded files can be exported and edited by various types of non-linear editors

## Multi-lingual
Ten languages available for the text typing tool

## Camera Remote-Control Capability
One or more compatible pan/tilt/zoom cameras easy controlled at remote locations; variety of compatible Sony cameras, such as the BRC series cameras*

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

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

**2 Input**
Up to 99 input sources can be stored, such as external inputs, black and color bar signals, still images, and videos.

**3 PGM viewer**
This displays the source currently distributed or presented as PGM.

**4 On-board Recording**
This records video output to the built-in SSD.

**5 Real-time Streaming**
Real-time 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 mode.

**10 L, R Buttons**
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**

# Flexible Connections for Diverse Applications



IN: Professional video camera, Remote control camera, Microphone, Home video camera, Personal computer, DVD/Blu-ray player, CD player

OUT: Streaming server, Personal computer, Tablet, Projector, Television, Smartphone

# Specifications

| Video Signals Performance | |
|---|---|
| Video Process | 10 bit, 4:2:2, 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) | 0.25% or less. |
| Dynamic Range | 94 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 |
| Resolution - Bitrate ( A+V) | 960 x 540 - 800kbps + 96kbps<br>608 x 342 - 500kbps + 64kbps<br>480 x 270 - 350kbpx + 32kbps |

| Recording | |
|---|---|
| Recording Format | XDCAM®, MPEG HD (.mxf) 35mbps |
| Recording Source | PGM or AUX |
| Recording Media | Internal mSATA (192 GB) |

| Video Switcher | |
|---|---|
| Configuration | Input: 6 Primary Video inputs<br>1 M/E + 4 Keyer (2 x PinP, 2 x Title) + 2 Logo<br>Output: PGM Output. PGM/AUX Output |
| Key Type | Luminance Key / Alpha Channel / Chroma key |
| Internal Media Playback | Data can be imported from a USB flash memory device. |

| Audio Mixer | |
|---|---|
| Configuration | Input: 6 Analog Monaural / 6 Stereo Embedded Audio inputs<br>Mixing: 5 Channel Stereo Mixing<br>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:<br>English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean, German, Spanish, Italian, Portuguese, French |
| Keyboard | Built-in software keyboard |

| General | |
|---|---|
| Power Requirements | DC 19.5V, 9.2A |
| Operating Temperature | 42°F to 95°F (5°C to 35°C) |
| Dimensions (W x H x D) | 16 3/8 x 3 7/8 x 13 1/4 inches<br>(415 x 97 x 336mm*1) |
| Weight | Approximately 14 lb 5.3 oz (6.5 kg) |

| Video Signals | | |
|---|---|---|
| **Video Inputs** | | |
| HD/SD SDI | | BNC (x4), 75 Ω, 1.5 Gbps, 270 Mbps<br>SMPTE 292M, SMPTE 259M-C |
| Composite | | Phono Jack (x2)<br>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<br>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<br>NTSC: 0.286 Vp-p ±2 dB, 75 Ω, negative sync<br>PAL: 0.3 Vp-p ±2 dB, 75 Ω, negative sync |

| Audio Signals | | |
|---|---|---|
| **Audio Inputs** | | |
| Analog Inputs 1-4 | | XLR/TRS Combo Type (x4)<br>Ref. Level: +4 dBu, -20 dBu, -44 dBu<br>Input impedance : 3.3 kΩ or more<br>Mic. Power: +48 V On/Off |
| Analog Inputs 5-6 | | Phono Jack (x2)<br>Reference input level: -10 dBu,<br>Input impedance: 10 kΩ or more |
| **Audio Outputs** | | |
| PGM Out | | TRS phone (x2)<br>Reference level: +4 dBu (10 kΩ load),<br>Max. output level: +24 dBu,<br>Output impedance: 150 Ω |
| MIX Out | | Phono Jack (x2)<br>Reference level: -10 dBu (10 kΩ load),<br>Max. output level: +10 dBu,<br>Output impedance: 470 Ω |
| HEADPHONES | | 1/4" Stereo Phone Jack Type (x1)<br>Max. power: 35 mW (x2)<br>Impedance: 47 Ω |

| Other Interfaces | | |
|---|---|---|
| LAN | | RJ-45 (x2), 100BASE-TX, 1000BASE-T<br>(LAN 2 disabled in v1.0) |
| USB 3.0 | | USB (Type A) (x4), USB 3.0 equivalent |
| Panel | | (i)15.6-inch*2 High Brightness LCD 1920 x 1080 60 Hz<br>(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), Protective Cover (1) | |

*1 Including the main display cover
*2 396.2 mm viewing angle, measured diagonally
*3 269.2 mm viewing angle, measured diagonally