**Simple Switching and Broadcast features for everyone**

AtomX CAST is a modular companion that transforms the Ninja V/V+ into a 4 input HDMI switcher. The combination of the Ninja V and AtomX CAST becomes the Ninja CAST, a fully functional stand-alone switcher with an integrated high quality 5” HDR touchscreen monitor with multi-view, broadcast quality recording and physical buttons - that can be used anywhere and does not require a computer to function. The flexible control options allow you to use either the touchscreen or the physical buttons to ‘switch’ between sources when deciding what should be on screen at any one time for broadcast.

You don’t need to be a video professional to create broadcast quality multi-camera programs, as Ninja CAST appears as a high-quality webcam to your computer, and it works immediately with your video applications like Zoom, Teams and Skype without the need to install drivers on the computer. Use features like logos, graphics and picture in picture to make your productions look incredible, and enhance your online meetings, presentations, conferences, remote learning/training, virtual conferences or demonstrations.

**Key Features**

- Transform Ninja V/V+ into a 4 x HDMI input switcher
- Overlay custom graphics, logos, lower thirds for content branding
- Picture in Picture effect with any combination of inputs
- WebCAST - Plug and Play UVC connection to your favorite software such as Zoom, MS Teams, Skype, OBS and more
- BroadCAST - quality switching and recording in Apple ProRes and Avid DNx
- MultiCAST - Simultaneously Record, Stream and output to local displays
- Touch Screen and Physical buttons with LED status indicators
- Separate HDMI outputs - Dedicated Program out and Multifunction on Ninja V/V+ for Multiview, Preview or Program
- Audio input and switching options with support for embedded, analogue inputs and Audio follow Video
- Easy, quick deployment and reliable - Simply Connect, Switch and Stream

**Price**

US$399 ex. tax | €399 ex. tax

SKU: ATOMXCST01
UPC: 814164022422

More information: atomos.com/accessories/atomxcast
### Physical Specifications
- **Weight**: 485g / 1.06lbs
- **Dimensions (Control Unit)**: 129 x 49 x 160 (with out Ninja V/V+)
- **Mount Points**: Anti rotational 1/4" 20 / 3/8 on base of unit

### Construction
- **Body**: ABS plastic with locking arm for Ninja V/V+
- **Cooling**: Passive
- **Tally light**: Record tally Via Ninja V+/V+, Program and Preview illumination on CAST buttons
- **Control Button**: 4 x Switching, 4 x Function
- **AtomXpansion slot**: To connect to Ninja V+/V+ (no module pass through)

### Power
- **Input Voltage**: 6.2V to 16.8V
- **DC in connector**: Lock DC connector from Ninja V+/V+ DC power supply
- **Battery**: Via optional Atomos DC to DTAP cable

### Display - Via Ninja V/V+
- **Touchscreen**: SuperAtom IPS panel (capacitive touch)
- **Size**: 5.2"
- **Resolution**: 1920 x 1080
- **Brightness**: 1000nits
- **Aspect Ratio**: 16:9
- **Color Gamut**: Rec.709

### Video Input
- **HDMI**: 4 x HDMI 1.4b up to 1080p60
- **Bit Depth**: 10-bit
- **Video Chroma Subsampling**: 4 2 2
- **HDCP copy protection**: No

### Video Output
- **Via CAST**: HDMI 1.4b up to 1080p60 - Program ONLY
- **Via Ninja V/V+**: Multi functions out - Program, Preview, Multiview
- **Multiview**: Yes, via Ninja V/V+ Display or HDMI output
- **OS overlays**: Optional via Ninja V/V+ HDMI out
- **Video Chroma Subsampling**: 4 2 2
- **Bit Depth**: 10-bit

### Web Streaming
- **USB UVC**: USB-C up to 1080p30

### Audio In/Out
- **Audio Quality**: 24/48kHz
- **Audio Codec**: PCM
- **HDMI**: 2ch 24-Bit, input dependent per input
- **Analogue Audio in**: 3.5mm via Ninja V/V+
- **Headphone out**: 3.5mm via Ninja V/V+

### Timecode / Sync
- **Embedded**: HDMI

### Resolution & Frame Rates
- **FHD 1920 x 1080 Progressive**: 23.98/24/25.99/29.97/30/50/59.94/60
- **FHD 1920 x 1080 PsF**: No
- **FHD 1920 x 1080 Interlaced**: 50/59.94/60\(^*\)
- **1280 x 720p**: No
- **SD PAL / NTSC**: No

### Program Recording CODEC via Ninja V/V+
- **Apple ProRes**: LT, 422, 422HQ
- **Avid DNxHD**: DNxHD 220x, 220.45.36 (Free activation key via visit my.Atomos.com)

### Recording Functions
- **Switched Program Record**: Clean or CAST Program feed via Ninja V/V+

### Multi Input / Switching
- **Multiple HDMI input**: Up to 4 x HDMI up to 1080p60
- **Multiview Display**: Quad input display on Ninja V/V+ Display
- **Multiview Output**: Via Ninja V/V+ HDMI out
- **Picture in Picture (PIP)**: Any input over Any input, 4 positions in small or large size PIP
- **Graphic overlays**: Select layout for Stored Graphics in Ninja V/V+ and save configured scene presets
- **Media pool storage**: Upload and Store Graphics in Ninja V/V+
- **Input Processing**: I > P and frame rate conversion
- **Transitions**: Fade in / out and Dip to - White or Black

### Supported Media
- **Master Caddy II**: Yes
- **SSDmini**: Yes, requires the included AtomX SSD mini handle adaptor
- **File System**: ExFat
- **Onboard Signal Processing**: Pulldown removal
- **Interlaced to Progressive on Input and USB stream \(^*\)

### What’s in the Box?
- **Accessories included**: AtomX CAST, USB-C cable and SSDmini Handle Adaptor
- **Optional extras**: ATOMDTPCB2 - Dtap to DC cable, ATOMDCK004 - USB-C 3.1 Docking Station, ATOMDCK003 USB-A 3.0 Docking Station

### Compatible With
- **Atomos Product**: Requires Ninja V/V+

### Warranty
- **Standard**: 1 year

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*Please note: Specifications are subject to change without notice. All information correct at time of publishing.

\(^*\) via Interlaced to Progress signal pull down conversion