Designed and made in Denmark

SKAARHOJ

Universal Broadcast Controllers

Hello Friends!

Our passion is to make it easier for you to run your live event productions!

With our products you will feel the control at your fingertips. You can simplify. You can control multiple devices, even from different brands - all from the same surface. You will save precious rack space. You will have less wires, less boxes and more control. And you will be able to reconfigure and expand your controller every day, week, month and year to work with your new camera, new switcher, and new router.

We honestly believe we make the best universal broadcast controllers on the planet and we would love to make your professional life easier with them.

Kasper Skårhøj
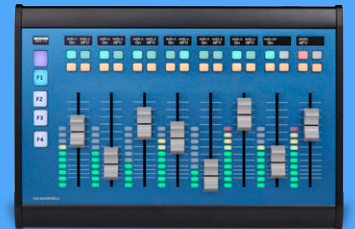CEO, Founder and Chief Designer

PTZ CONTROL

VISION MIXING

RCP

UTILITY

REPLAY

AUDIO

Control Anything   and Everything...

All our controllers can talk to the same devices since they run the same software OS, UniSketch. Simply choose your form factor based on what is most appropriate. Install the device cores required to talk to your broadcast hardware. Through UniSketch you map buttons to commands. Integrate control of multiple brands of broadcast devices to bridge hardware ecosystems.

UniSketch OS

Supported Hardware

We call them *device cores* and they are like "apps" you install on your controller. We write new device cores all the time! So every day your controller becomes more and more valuable and flexible because new device cores are just a click away.

Here are some of the brands and products in the broadcast and AV industry that we support already or are in the process of supporting.

How does UniSketch and Device Cores work? Check out the last pages in this booklet.

UniSketch **Device Core**

Logos: ARRI · SONY · JVC · AJA · Panasonic · Marshall · BOLIN TECHNOLOGY · Roland · NewTek · Lumens · agile REMOTE CAMERAS · Blackmagicdesign · PTZOPTICS · BirdDog · AIDA · RED · vaddio · ROSS · SOFTRON · NTP TECHNOLOGY · Dream CHIP · Canon · IO IO INDUSTRIES · CUEPILOT · GV · CasparCG · ATOMOS · Ensemble DESIGNS · vMix

Device cores:

|									
BMD ATEM	C360 Live	Dream Chip ATOM One	OSC Audio Control	Sony Deck Ctrl	Pana CX350	AIDA PTZ3 X20L	JVC RCP	NewTek Tricaster TC1	Kessler 2nd Shooter
RED EPIC	JVC KY-PZ100	Bird Dog P200	Pana EVA1	Pana AW-HEx	BMD Multi View	Lumens VC A50P	NewTek Tricaster Mini	Minrray PTZ Camera	AIDA POV 4K
BMD Hyper Deck	Vaddio Robo SHOT	Ross Carbonite RT	AzilPix Studio. One	SKAARHOJ TCP Server	Softron MReplay	NewTek NDIHX-PTZ1	GV SW-P-08	Avonic PTZ Camera	Roland V60HD XS-62S
BMD Video Hub	AJA Kumo	SONY LANC	CuePilot Control Panel	Atomos Shogun	SKAARHOJ TCP Client	VISCA Generic	Insite Pacific Mini Zeus	Ross Pivot Cam	AJA HELO
BMD Smart Scope	Sony BRC-H900	AJA Frame Sync	QSC Systems	Ensemble NXT4xx	SKAARHOJ RAW Panel	Sony BRC-Z700	Canon RC-V100	Pana AW-HEx RS422	Sony PXW X200
NewTek 3Play	Sony SRG-300	Epiphan Pearl	Sony P700	Live stream Studio	IO Industries Flare 4K	AJA Rovo Cam	Sony SSCP	Agile PTZ	Emergent Vision Tech
BMD CamCtrl	PTZOptics PT20X	Bolin PTZ	Marshall CV620	Ensemble NXT9xx	SKAARHOJ WebSocket Server	Lawo EmBER+ Provider	ARRI Amira CAP	GV Sirius 800	Roland XS42H
vMix	Pana AW-RPx	Graphics CasparCG	Marshall POVs	NEC X651	Sony BRC-X1000	ARRI Amira SSCP	IO Industries Victorem	NTP Protocol 720	AJA KiPro

Signature Technologies

Graphical OLED displays to support buttons, knobs and faders with dynamic labels. They combine large, bold labels with unprecedented levels of detail using titles, icons and scales to enrich the main content. They automatically draw information from the connected devices or you can type in your own labels or upload graphics. Found everywhere in many sizes and dimensions on SKAARHOJ controllers.

UniSketch OS connects a button press with a command sent to any of the supported broadcast devices, simply speaking. You can typically operate 8 devices simultaneously and UniSketch binds it all together into a seamless and user friendly experience. You won't find a more impressive engine for integrated control in a standalone controller surface.

100% IP & PoE: One cable carries power and the signals for as many devices as you control. Your switcher, video router, recording deck, your cameras even. The future is IP while legacy serial systems can typically be supported by end-point converters which is often more convenient anyway. And active Power over Ethernet (IEEE802.3af) unclutters your desk nicely.
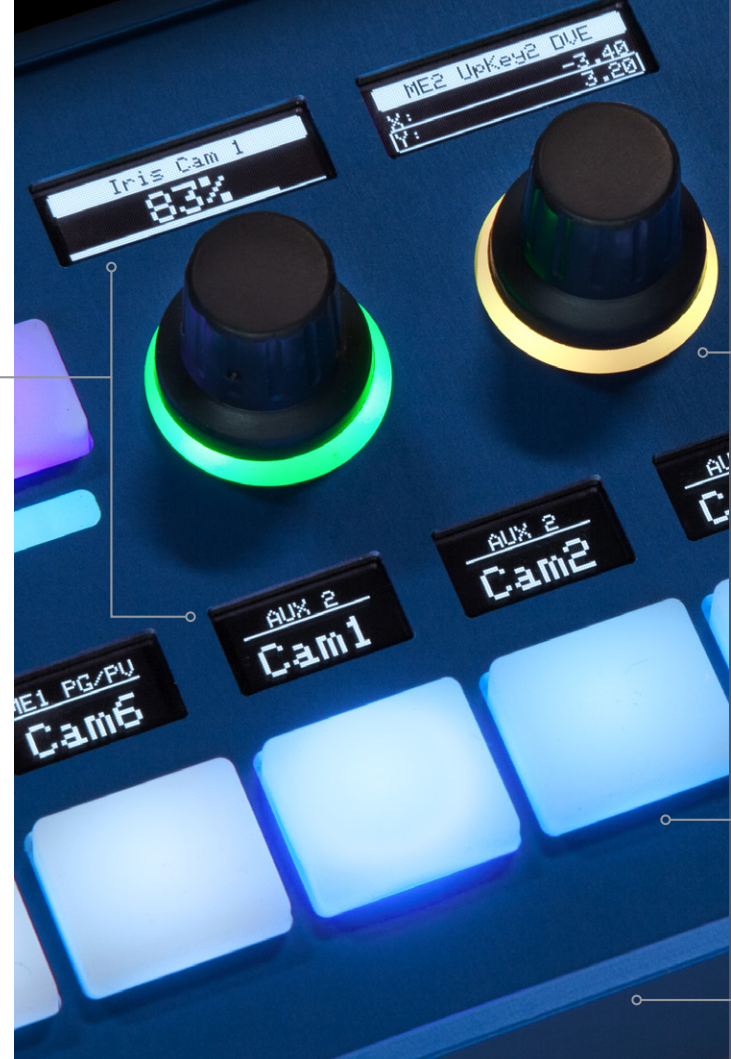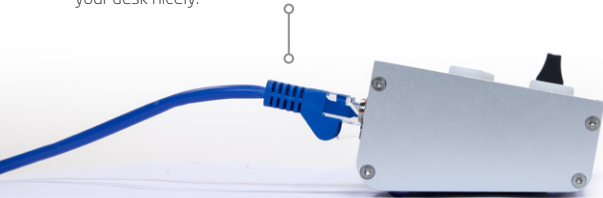
Options you will encounter in this booklet:

+ NKK +750$ Add best-in-class NKK buttons with sculpted caps to the lower bus row and ME section for old-school luxury.

+ SDI +300$ The SDI option adds a Blackmagic Arduino shield on the controller for reading and writing Camera Control data.

+ GPI +300$ Add general purpose opto-isolated inputs and relay outputs, 2x8 In/Out.

+ JOY +450$ Upgrade to an industrial precision Hall Effect joystick for increased ergonomic comfort and motion precision.

RGB backlight and **LED bars** is not just impressive and soothing. It's also super practical to color code sections based on their assigned functionality. This provides the operator with instinctive clues which can be the critical difference between success and failure. Colors can be assigned manually and SKAARHOJ panels are dimmable.

Four-way buttons - custom molded tactile elastomer buttons, that detect whether a button is pressed on the left, right, lower or upper edge. This allows the button to adjust values up and down like an encoder when pressing opposing edges. It could even work as a simple joystick. Or it can be just a button. Innovative, insanely flexible and perfect for a universal controller.

Renown Industrial Design - for years we have diligently designed and fine-tuned our custom elastomers, aluminum extrusions and front panels to become unique, beautiful and strong components worthy of the superbly flexible and modular electronics and software that make up our wonderful broadcast and AV controllers.

PTZ CONTROL

Operate robotic systems from Panasonic, NewTek, Ross, Lumens, PTZOptics, AIDA, Sony, JVC, Vaddio, Marshall, Agile, Avonic, Bird Dog, Bolin, and more....

Vaddio Robo SHOT	**NewTek** NDIHX-PTZ1	**Ross** Pivot Cam	**Pana** AW-HEx	**Sony** BRC-X1000	**Marshall** CV620	**AIDA** PTZ3 X20L
Agile PTZ	**JVC** KY-PZ100	**Sony** BRC-H900	**PTZOptics** PT20X	**Avonic** PTZ Camera	**Minrray** PTZ Camera	**Lumens** VC A50P
Sony SRG-300	**Bolin** PTZ	**Bird Dog** P200	**AzilPix** Studio. One	**Sony** BRC-Z700	**Kessler** 2nd Shooter	**VISCA** Generic

PTZ Wiz

Pressure sensitive
elastomer zoom rocker

Set camera focus, exposure and other
settings with backlit high quality knobs

Pressure and direction sensitive
elastomer joystick pad

1:1
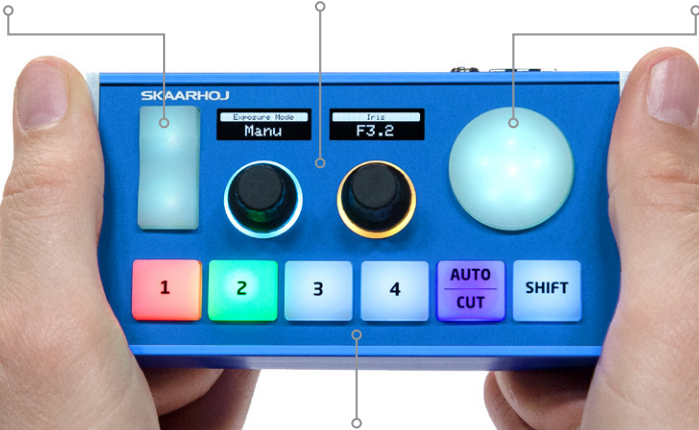
Multi function keys for
presets, camera selection, and
live switching
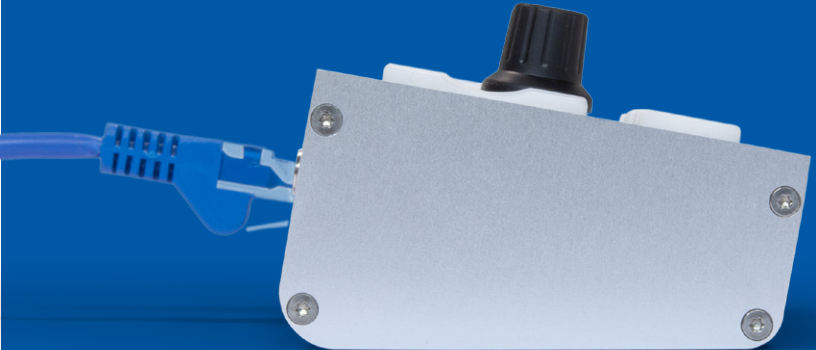
PTZ Wiz - the super compact IP based PTZ
controller and switcher surface in one!

869€ / 999$
Full freedom, all cameras, all switchers

PTZ CONTROL

PTZ Fly

High-quality backlit encoders with widescreen OLED displays

Optional SDI In/Out for Blackmagic Camera Control

3-axis joystick (Optionally Hall Effect)

Programmable four-way buttons with bright OLED displays

Multi function keys for presets and camera selection

Ethernet with PoE

Order with Hall Effect joystick for increased precision and ergonomics of operation

Slim, ergonomic console form factor

PTZ Fly has a very compact form factor while featuring a full size three-axis joystick. Pan, tilt and rotate the handle to control your cameras. The superb OLED displays clearly show what camera settings you control and which preset you recall. With UniSketch, everything is possible. Customize it with a Hall Effect joystick or an SDI output for Blackmagic Micro Studio Camera control on a pan-tilt head.

1249€ / 1399$
Full freedom, all cameras

+ JOY +450$

+ SDI +300$

PTZ Pro

Encoders for settings in large menu display

Dedicated focus knob

Numbered keys for camera or preset selection

3-axis joystick (Optionally Hall Effect)

Menu selector keys with user banks

Camera selection or labeled preset with RGB backlit keys

Navigation keys for paging

SKAARHOJ

PTZ Pro is a full featured PTZ controller for robotic cameras. With dedicated buttons and knobs for all settings and actions, it's easy and quick to use. You will enjoy all the same benefits as found on PTZ Fly while having a larger hand rest and faster, direct access. SKAARHOJ makes the worlds most comprehensive universal VISCA controllers - thanks to UniSketch and our dedication to quality integration.

1749€ / 1999$
Full freedom, all cameras

+ **JOY** +450$

+ **SDI** +300$

PTZ CONTROL

PTZ Extreme

New!

3399€ / 3899$
Full freedom, all cameras and more

SKAARHOJ

PTZ Extreme is the ultimate controller for multi axis robotic systems. Created with absolute freedom in mind: OLED labeled knobs and buttons, Fine-tuned ergonomics, Hall Effect joystick, custom zoom rocker and focus wheel.

Auxiliary keys for iris/focus options

Four-way buttons with legends for menu

Freely assignable encoders with OLED

Custom designed aluminum zoom rocker. Use it for zoom - or drive a dolly track!

Large assignable iris encoder

Stepless, friction balanced focus wheel

Labeled presets and tally LED bar

Camera selector

3-axis Hall Effect Joystick

Hand rest

PTZ CONTROL

CAMERA SHADING

> *Can I just say how impressed I am with your level of customer service, it is exceptional*

Shade cameras and gear made by Arri, Sony, Panasonic, JVC, AJA, Ross, Marshall, RED, Blackmagic Design, DreamChip, Canon, Ensemble Designs, and many more!

ARRI Amira CAP	Pana EVA1	Dream Chip ATOM One Mini	JVC RCP *(2020)*	AJA Frame Sync	SONY LANC	Canon RC-V100
RED EPIC	IO Industries Victorem	AJA Rovo Cam	Sony SSCP	ARRI Amira SSCP	Emergent Vision Tech	Sony P700 *(Planned)*
Marshall POVs	Ensemble NXT9xx	Sony BRC-X1000	Sony PXW X200	AIDA POV 4K	Pana CX350	BMD CamCtrl
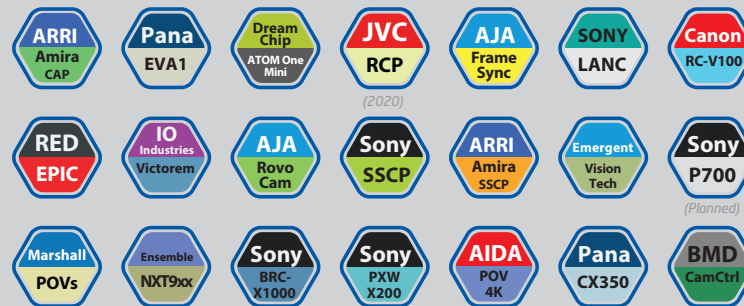
Color Fly

Programmable four-way buttons with OLED legends and tally bars

RGB backlit encoders with crisp widescreen OLED legends

Optional SDI I/O for Blackmagic Design Camera Control

Camera selection and multi level shift key - control 5, 10 or even more cameras

RGB LED bar for level or position indication

4 motorized faders for multi camera iris control

SKAARHOJ

Color Fly is your uncompromising multi camera RCP bringing you innovative iris control with motorized faders. You get the tactile position feedback of the classic iris joystick but can easily manage 5, 10 or more cameras from the same compact panel.

One RCP to rule them all
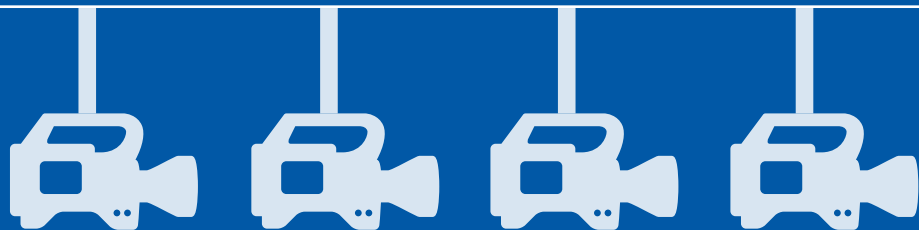
3149€ / 3599$
Full freedom, any and all cameras

+ SDI +300$
+ GPI +300$

RCP^{v2}

New!

- Super crisp OLED window with large display tiles for settings
- Utility buttons for file store or camera selection
- Eight detended encoders with RGB backlight for function identification
- Programmable pressure and direction sensitive elastomer joystick pad
- Four-way buttons with OLED legends for dynamic labeling
- Camera ID display with OLED technology and RGB tally bar
- Master black knob with dedicated OLED display
- Classic iris joystick, motorized fader, or encoder wheel with display and LED bar
- Even more buttons with OLEDs
- Preview button can trigger GPI or control video router
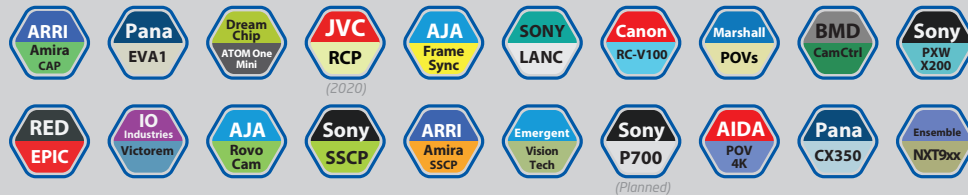- Camera selector DIP, GPI, SDI I/O (optional) on back
- Ethernet with PoE

CAMERA SHADING
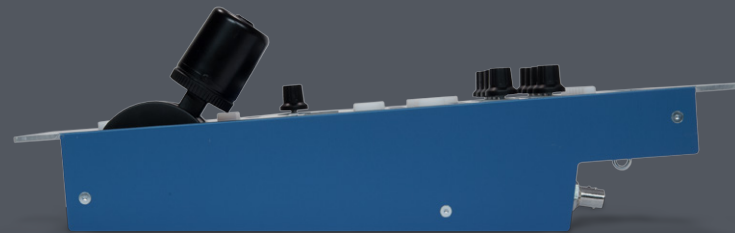
SKAARHOJ

RCPv2 - the world's most flexible RCP. Fits into your existing bay or sits console style on a table top. Use this universal RCP regardless of which camera brand you shade! With the **roller wheel** or **motorized fader** option you have the perfect multi camera RCP. Dedicated to scalability and a positive, unified user experience.

| ARRI Amira CAP | Pana EVA1 | Dream Chip ATOM One Mini | JVC RCP *(2020)* | AJA Frame Sync | SONY LANC | Canon RC-V100 | Marshall POVs | BMD CamCtrl | Sony PXW X200 |
| RED EPIC | IO Industries Victorem | AJA Rovo Cam | Sony SSCP | ARRI Amira SSCP | Emergent Vision Tech | Sony P700 *(Planned)* | AIDA POV 4K | Pana CX350 | Ensemble NXT9xx |
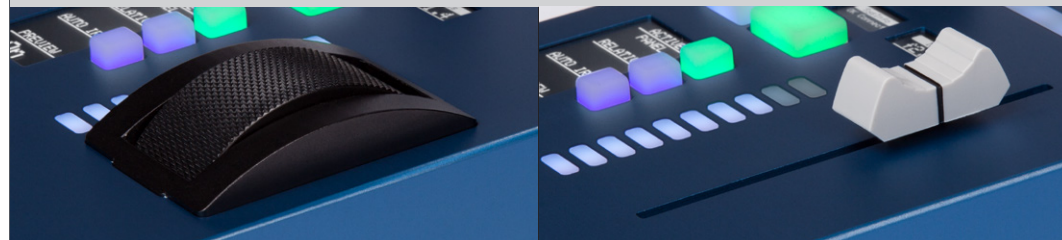
2349€ / 2699$
Any and all cameras

- **+ WHEEL** +300$
- **+ FADER** +300$
- **+ SDI** +300$

VISION MIXING

Control switcher and automation solutions from Blackmagic Design, NewTek, Vimeo, vMix, Roland, Ross, CuePilot, Epiphan, and AzilPix

BMD ATEM

NewTek Tricaster TC1

Live Stream Studio
(planned)

Roland V60HD XS62S

CuePilot Control Panel

Ross Carbonite RT
(planned)

vMix

Epiphan Pearl

AzilPix Studio. One

NewTek Tricaster Mini

Mini Fly

RGB multi level metering LEDs
for VU, tally or step indication

Programmable four-way buttons
with crisp OLED displays

Multi level shift key
with step indicator

Custom molded RGB
backlit keys

LED bar for transition
position and VU metering

Smooth transition fader
and Cut/Auto button

Ethernet with PoE
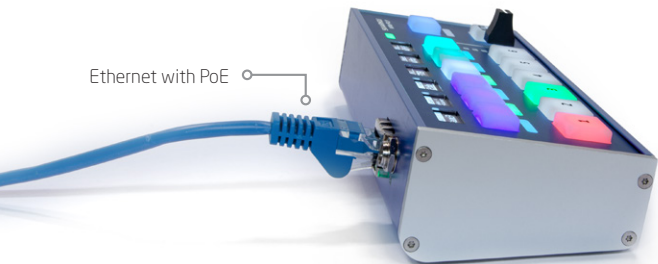
Slim, ergonomic
console form factor

VISION MIXING

SKAARHOJ controllers excel in live switching. The **Mini Fly** is your **Swiss Army knife**. It's super compact and yet super flexible, perfect for small live productions with 6 cameras, audio monitoring and transitions. And the six four-way buttons with OLED displays extend its power beyond imagination. Don't get us started...

869€ / 999$
Full freedom, all devices cores

Live Fly

RGB multi level metering LEDs

Adjust settings or select graphics with precision encoders.

Transition fader with RGB LED bar for transition position or VU metering

Versatile bus delegation row with display labels

Programmable four-way buttons for superior flexibility

ME section with multi level shift and user keys

Ethernet with PoE

Slim, ergonomic console form factor

Live Fly is a professional midsize controller for 8-camera productions, that easily extends beyond when paired with **XPoint 24**, **Inline 10** or **PTZ Fly**. For that über-pro feel, you can add classic broadcast buttons from NKK as an option.

1299€ / 1499$
Full freedom, all devices cores

NKK
+750$

Air Fly

Now Full Edition!

Programmable four-way buttons with OLED displays

RGB multi level metering LEDs

Function selector row

Keyer section with all essentials

12-key bus rows labeled for switching

61 dimmable RGB backlit elastomer keys

Low profile durable transition fader

Shift and user keys in large ME section

SKAARHOJ

With *Air Fly* you have a full featured desktop controller for live switching with **Tricaster**, **ATEM** or **vMix** systems at a very competitive price point. Works out of the box! Nevertheless you can still customize its function through the UniSketch OS. Strong industrial design.

NewTek

vMix

1299€ / 1499$
Any variant, all devices cores, no limits

ATEM, TriCaster and vMix variants have unique key labels designed for the features of each system

Air Fly Pro

Auxiliary four-way buttons

Backlit encoders with crisp graphical OLED displays

Pressure sensitive elastomer zoom rocker and joystick pad

Keyer section with incredible reconfiguration flexibility

RGB multi level metering LEDs for VU, state indication and tally

12-key bus rows with four-way buttons and OLED legends

Hall Effect T-bar and RGB LED bar

ME section with multi level shift and user keys

VISION MIXING

SKAARHOJ

*For those who require **the ultimate** there is no way around the* Air Fly Pro *which brings you an impressive amount of four-way buttons, OLED displays, PTZ control, professional T-bar transitions and therefore the ultimate …*
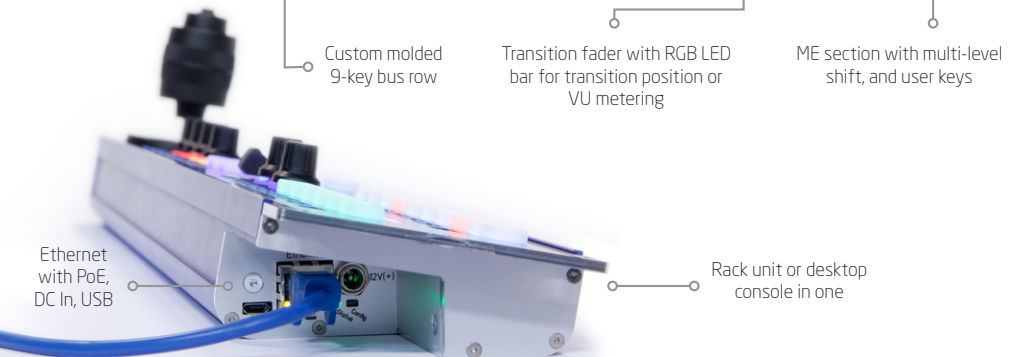
Freedom

2799€ / 3199$
Full freedom, no strings attached

+ **NKK** *+750$*

Rack Fusion Live

SKAARHOJ

Hello Robot! Rack Fusion Live adds PTZ control to your live switching surface in a phenomenally compact controller perfect for your fly-away kit.

RGB multi level metering leds

Four-way buttons with OLED legends

High-quality backlit encoders with wide OLED displays

3-axis joystick (Optionally Hall Effect)

Custom molded 9-key bus row

Transition fader with RGB LED bar for transition position or VU metering

ME section with multi-level shift, and user keys

Multi function keys for pre-sets and camera selection

Ethernet with PoE, DC In, USB

Rack unit or desktop console in one

2149€ / 2499$
Full freedom, all devices cores

+ JOY +450$

+ NKK +750$

Master Key Series

Master Key 36 and *Master Key One* are truly exceptional control panels. They feature a powerful blend of industry standard NKK buttons and SKAARHOJs innovative custom molded elastomer four-way buttons along with an uncompromising use of OLED displays to create a 100% flexible, and universal switcher surface for high end studios and OB trucks.

Sculptured cap RGB broadcast buttons - NKK japanese quality, best of the best

Subdivided into easily color coded sections

Four-way buttons and encoders with RGB backlight and OLED displays

Master Key 36

Master Key One

Section titles

Large, crisp graphical OLED windows for labels and section titles

Graphical mini legends for top buttons

2599€ / 2999$
Master Key 36 (left)

4399€ / 4999$
Master Key One (right)

VISION MIXING

BROADCAST AUDIO

Audio control is not always a separate concern to the video producer. SKAARHOJ controllers generally give you access to audio adjustments and monitoring through encoders and four-way buttons and by means of multi level LED bars. If that doesn't cut it, Wave Board is to the rescue with eight motorized faders, full color LED bars, a four button control section per channel and global function keys to multiply it all at your will. Exceptional.

BMD ATEM — NewTek Tricaster TC1 — vMix — OSC Audio Control — NTP Protocol 720

2199€ / 2499$
Full freedom, all device cores

Wave Board

Expand beyond 8 channels with sofisticated meta control section

2x2 auxiliary button matrix with crisp OLED legends for muting, solo, up/down action

Monitor audio levels with the RGB LED bars

8 channels of motorized faders for parameter and volume control

REPLAY

A replay controller with speed control and IP connectivity. The XC8 interfaces with modern replay solutions such as m:replay from Softron, the built-in engine in vMix, and 3Play from NewTek.

Softron MReplay

vMix

NewTek 3Play
(planned)

AJA KiPro

Sony Deck Ctrl

1649€ / 1899$
Full freedom, all device cores

XC8

Custom designed jog/shuttle wheel

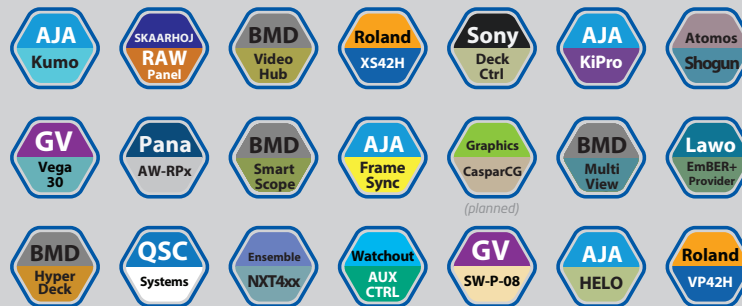Copy/paste section for clip banks

Monitor timecode and system info with crisp OLED display

Hall Effect replay speed T-bar

NKK broadcast style buttons

Custom made metal Jog-Shuttle wheel

ROUTING & UTILITY

> *We ran two shows with your controllers last week - it's truly a pleasure to work with them*

Control video routers, window processors, multiviewers, monitors, software, recording decks and streaming devices from brands such as AJA, Blackmagic Design, Watchout, Grass Valley, Ensemble Designs, QSC, CasparCG, Sony, Roland, Panasonic, and Atomos.

AJA Kumo	SKAARHOJ **RAW** Panel	**BMD** Video Hub	**Roland** XS42H	**Sony** Deck Ctrl	**AJA** KiPro	**Atomos** Shogun
GV Vega 30	**Pana** AW-RPx	**BMD** Smart Scope	**AJA** Frame Sync	Graphics CasparCG *(planned)*	**BMD** Multi View	**Lawo** EmBER+ Provider
BMD Hyper Deck	**QSC** Systems	Ensemble NXT4xx	Watchout AUX CTRL	**GV** SW-P-08	**AJA** HELO	**Roland** VP42H

Rack Fly Series

Rack Fly Uno and Duo are raw muscle. All programmable four-way buttons. All RGB color coded. Far from all too much though - you deserve this for your universal control needs whether it's a video router, your VSM system or an AUX bus.

Rack unit or desktop model? You decide!
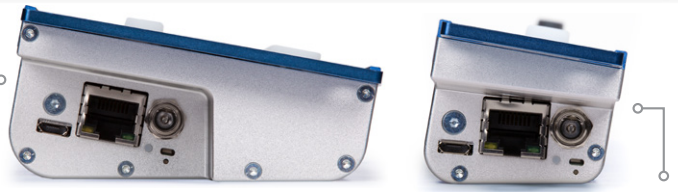
Unparalleled flexibility with four-way buttons and OLED displays

1899€ / 2199$
Full freedom - all device cores

1299€ / 1499$
Full freedom - all device cores

Rack Fusion I

Probably the world's most flexible rack controller! **Rack Fusion I** *has 12 awesome four-way buttons, 12 multi level LED indicator bars, 16 mini buttons and four backlit encoders - all with RGB coloring and crisp, graphical OLED displays for function legends. Fits perfectly in your rack. Sits perfectly on your table! Amazing.*

Programmable four-way buttons with OLED legends

Button clusters with group OLED legends

High-quality encoders with crisp graphical OLED legends

RGB multilevel metering leds

Rack unit or desk model? You decide!

1299€ / 1499$
Full freedom, all device cores

Quick Bar

Micro Fly

RGB multi level metering LEDs

Four-way buttons with crisp OLED displays

1:1

Quick Bar - your go-to auxiliary panel for an aux bus, audio settings, keyers - whatever UniSketch lets you do.

Slightly angled for ergonomic operation
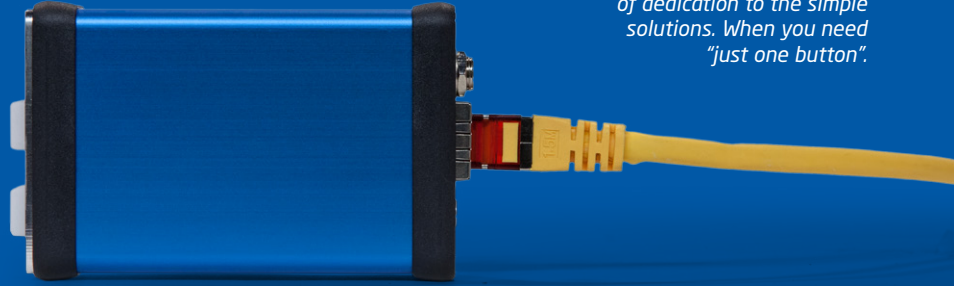
Micro Fly - a statement of dedication to the simple solutions. When you need "just one button".

599€ / 699$
Quick Bar - all device cores

349€ / 399$
Micro Fly - all device cores

ROUTING & UTILITY

Jacks of all Trades

So far, most of the panels presented in this book was designed with a particular purpose in mind. In the true spirit of flexibility you can not only reconfigure them with UniSketch, but you can also supplement them with a number of general purpose panels. The Inline and XPoint series offer you that wingman!

Inline 10
869€ / 999$

XPoint 24
1229€ / 1399$

XPoint 48
2149€ / 2499$

Inline 22
1499€ / 1699$

XC7
599€ / 699$

ROUTING & UTILITY

ROUTING & UTILITY

Gain
16dB

WDR Mode
Off

Sharpness
6

State
V2

State
V3

State
V4

State
V5

Cam 1:Pre
6

Cam 1:Pre
7

Cam 1:Pre
8

Cam 1:Pre
9

Cam 1:Pre
10

Cam 1:Pre
11

Cam 1:Pre
12

Exp.Mode
Iris

Focus OP
Trigger
One Push

WB OnePush
Trigger
One Push

Spd Limit PTZ
100%

Spd Limit Focus
100%

Exposure Mode
Manu

Iris
F1.6

W   T

State
EXP

State
WB

State
COLOR

Cam 1:Pre
1

Cam 1:Pre
2

Cam 1:Pre
3

SKAARHOJ

CONNECTING THE DOTS

" *I want to thank you and your team for going the extra mile for us* "

CONNECTING
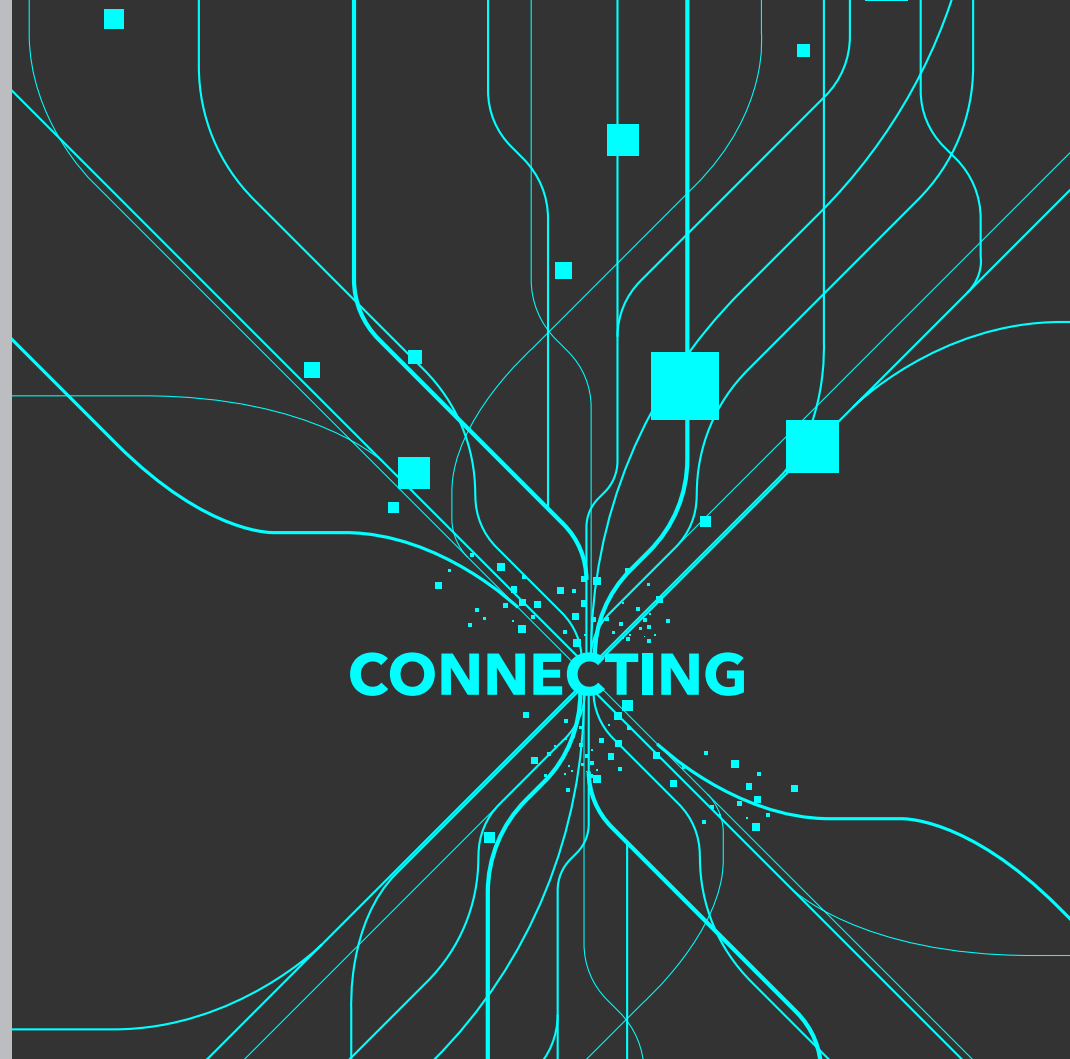
Link IO

The Link IO series are boxes which typically perform an IO or conversion task of some sort. Use them to move signals forth and back over Ethernet, SDI and binary I/O wires.

SDI-GPI Link
Converts 16 digital inputs to tally data on the SDI out connector. Supports Blackmagic Design URSA Series and Studio cameras. Additionally 2x8 inputs/outputs can be added. Routing is configurable via UniSketch OS.

🛒 **869€ / 999$**

ETH-GPI Link
Ethernet to General Purpose Interface with UniSketch OS. Connects relays and opto-isolated inputs with network events. Use it to switch or route a source, start/stop recording, turn on tally lamps etc. 2x8 Inputs/Outputs with option for additional 2x8 I/O.

🛒 **479€ / 549$**
Dual option: **729€ / 849$**

ETH-SDI Link
Receives "UDP Camera Control" information over Ethernet and forwards it on the SDI out connector. A number of alternative firmwares exist for this device to address various use cases.

🛒 **429€ / 499$**

ETH-LANC Link
Converts data to and from ethernet for use with SKAARHOJ controllers, for instance to enable Sony LANC and Canon RC-V100.

🛒 **349€ / 399$**

ATEM-TCP Link

This device is a network point that will bridge your TCP control applications to Blackmagic Design ATEM switchers. This is the solution for Crestron, Extron and similar AV systems that typically lets you set up a TCP connection. Most ATEM commands are systematically implemented for two-way data exchange.

🛒 **429€ / 499$**

ETH-TALLY Link

Connects multiple SKAARHOJ Tally Lamps using CAT5e or better cable. Lamps can be connected in a star-topology (every lamp connects to ETH-TALLY Link) or you can daisy chain up to three lamps on a single wire. ETH-TALLY Link is fully UniSketch capable so you can create tally for any device core you wish - like ATEM Switchers, vMix etc.

🛒 **599€ / 699$**

SKAARHOJ Tally Lamp

🛒 **219€ / 249$**

(Discounted bundles exist)

Can I have it in black?

No.

Subscribe to us on YouTube

- that's the number one way to stay updated and learn essential details about our products.

...and hey, you wanna see it work, right?

We are also on Instagram, Facebook and Twitter
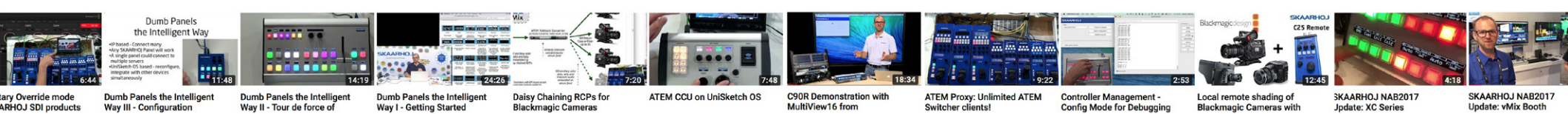
www.youtube.com/c/SKAARHOJ

UniSketch OS

UniSketch OS is our software that connects a button press to your live show. It works by routing actions and state values between the interface components on the controller and your video switchers, recording decks and cameras on the set. You may never need to change the defaults, but if you do - it's really easy!

Point a web browser to the IP address of the controller

Configure your Mini Fly

Bring your controller into "config mode"
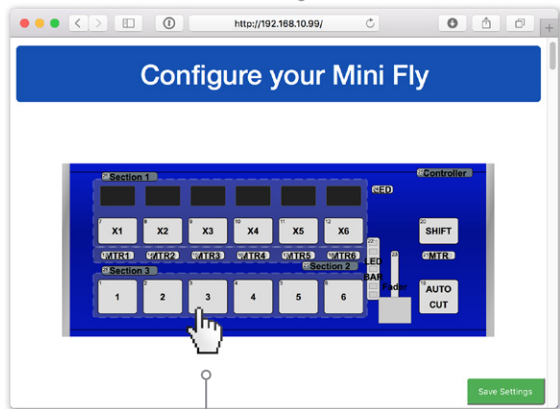
Click the icon of a hardware component

UniSketch OS

BMD HyperDeck Studio
BMD Smart scope
BMD Smart scope
BMD Smart scope
BMD Video Hub
AJA Kumo
vMix

BMD HyperDeck #4: Next Clip
BMD HyperDeck #4: Prev Clip
BMD HyperDeck #4: Fast Forward
BMD HyperDeck #4: Reverse
BMD HyperDeck #4: Jog
BMD HyperDeck #4: Slot select
BMD HyperDeck #4: Input
BMD SmartScope: Brightness
BMD SmartScope: Contrast
BMD SmartScope: Saturation
BMD SmartScope: Scope
BMD SmartScope: Border
BMD SmartScope #2: Brightness
BMD SmartScope #2: Contrast
BMD SmartScope #2: Saturation
BMD SmartScope #2: Scope
BMD SmartScope #2: Border
BMD SmartScope #3: Brightness
BMD SmartScope #3: Contrast
BMD SmartScope #3: Saturation
BMD SmartScope #3: Scope
BMD SmartScope #3: Border
BMD VideoHub: Route Input to Output
BMD VideoHub: Store preset
BMD VideoHub: Recall preset
AJA KUMO: Route Input to Output
AJA KUMO: Store preset
AJA KUMO: Recall preset
VMix: Active Src
VMix: Preview Src
VMix: Prv/Act Src
VMix: OverlayInput
VMix: Cut
VMix: Fade
VMix: FadeToBlack
VMix: Transition Rate
VMix: Change Value
VMix: CountDown
VMix: Stream
VMix: Record
VMix: Replay Duration
VMix: Replay Speed
VMix: Replay
VMix: Transition To
VMix: Next Event
VMix: Previous Event
VMix: Replay Events
VMix: Replay Toggle Camera
VMix: Replay Move Event
VMix: Replay Copy Event
VMix: Replay Toggle Live
VMix: Replay Toggle Direction
System: Shift Level
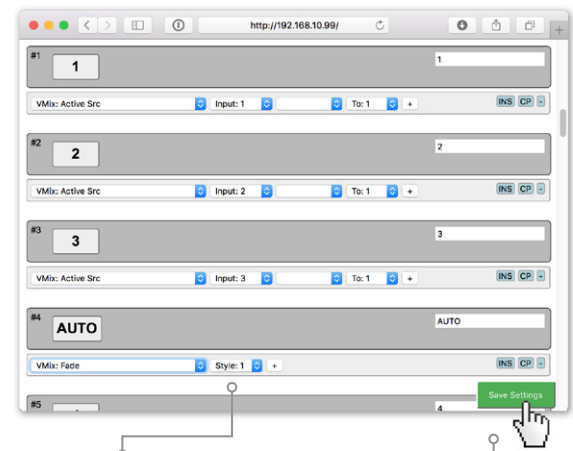
Each action will typically provide additional parameters

All installed device cores will show up in the dropdown with the actions they provide

When you're done, click "Save Settings" and the changes are instantly effective

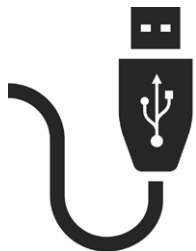That was cool! And easy

cores.skaarhoj.com

UniSketch OS goes hand in hand with our online repo, cores.skaarhoj.com. Here we store UniSketch OS, the newest device cores and your unique controller configuration. From cores.skaarhoj.com, you receive a uniquely created firmware with exactly the features you asked for.
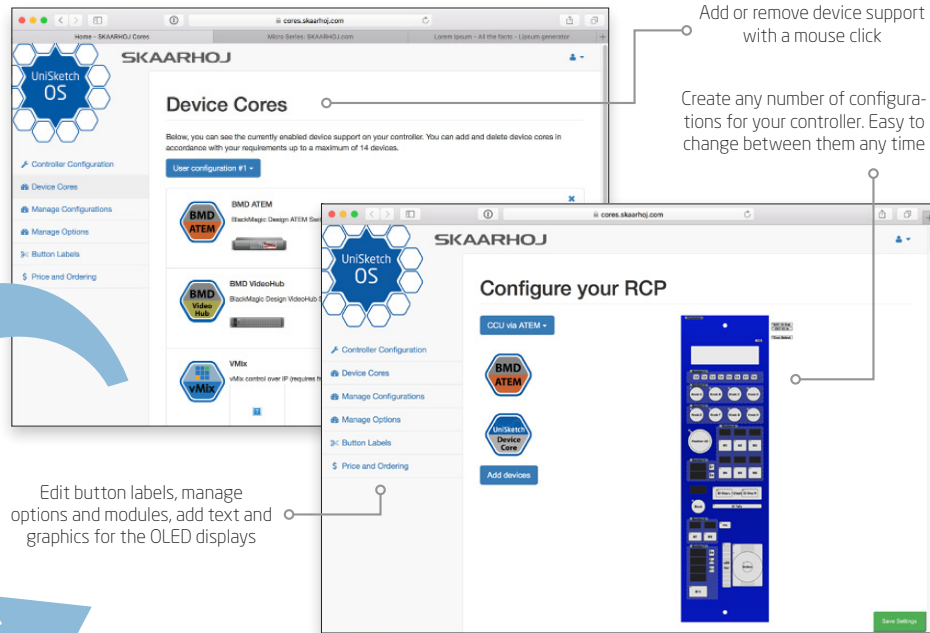
Add or remove device support with a mouse click

Create any number of configurations for your controller. Easy to change between them any time

"Check for Updates" will generate a new firmware with the changes made online

"Online Configuration" will take you to cores.skaarhoj.com

Edit button labels, manage options and modules, add text and graphics for the OLED displays

Open the SKAARHOJ firmware application. It will recognize your SKAARHOJ controller

Connect your SKAARHOJ controller to your computer with USB

Before you buy

... you can actually configure your future SKAARHOJ controller online! At this stage it's possible to add hardware options like GPI and SDI In/Out. You can also define label legends. When you press the "Order" button, these choices define how your controller is delivered.

After you buy

... the configuration you previously made at cores.skaarhoj.com is now linked to the controller you purchased. The hardware options are fixed, but you can manage device cores, manage modules, and create any amount of configurations you like. For free.

store.skaarhoj.com

√ Direct sales
√ World wide delivery
√ Advice from the engineers

It was a great day at the office

we **ease** the use
of broadcast **hardware**
for **people** making
live video

Simplifying life for people at…

…and countless other TV networks, live production leaders and AV specialists in the world.