Panasonic

IT/IP Platform "KAIROS"

Product Lineup and Specification Comparison Chart





^{*1.} Requires software version 1.7 or later

^{*2:} Requires software version 1.6 or later.

^{*3:} Optional equipment is required for ST 2110 in/out of the AT-KC200L1, future support.

^{*4:} The optional AT-KC20M1 SDI I/O boards are required. Each board has 8 input terminals, 4 output terminals and REF IN/OUT (max. 8 inputs/4 outputs in FHD/HD). Up to four boards can be installed on the AT-KC2000/200 and up to two boards on the AT-KC2000S1. The numbers of input/output shown here are the maximum numbers that can be loaded. Installation of the optional board is carried out by the dealer. Always consult your dealer for installation

^{*5:} The AT-KC200L1 is pre-installed with three boards and only one additional board can be installed.

Installation of the optional board is carried out by the dealer. Always consult your dealer for installation *6: Max. RAM capacity is reduced with SDI I/O boards installed. For details, please check SDI I/O board web page

^{*7:} RossTalk, Ross and XPression, are trademarks or registered trademarks of Ross Video Limited. *8: NMOS (Networked Media Open Specifications) is a protocol standardized by AMWA (Advanced Media Workflow

Association) for controlling and managing devices via IP networks. *9: Optional AT-SF005 is required. • NDI* is a registered trademark of Vizrt NDI AB in the United States and other countries.

Kairos Control (Control Panel) Lineup and Specifications

Product Name Model Number	Kairos Control (Control Panel) AT-KC10C1	Kairos Control (Control Panel) AT-KC10C2	
Product Image			
MSRP			
General			
Power Requirement*	DC 12V, XLR 4 pin x 2	DC 12V, XLR 4 pin x 2	
Current Consumption	8.0 A	4.0 A	
Redundant Power Supply	√ .	√	
Dimensions (W x H x D, excluding protrusion)	1140 mm x 94 mm x 420 mm 44-7/8" x 3-45/64" x 16-17/32"	600 mm x 90 mm x 420 mm 23-5/8" x 3-35/64" x 16-17/32"	
Operating Temperature	0 to 40 °C	0 to 40 °C	
Operating Humidity	10% to 90%, no condensation	10% to 90%, no condensation	
Weight	Approx. 15.4 kg / 33.95 lb	Approx. 8.5 kg / 18.74 lb	
Rear Panel Terminals			
LAN	RJ-45 × 1, 1 GbE	RJ-45 × 1, 1 GbE	
USB	USB2.0 type A × 1	USB2.0 type A × 1	
Control Panel Terminal			
USB	USB2.0 type A × 1	_	

^{*}AC adapter not included. Please check recommended products.

GUI Software and Various Options with Kairos Core

Model Number/Product Name	MSRP	AT-KC2000S1	AT-KC2000	AT-KC200	AT-KC200L1
AT-SFC10 Kairos Creator OS: Windows10/11, macOS Monterey, Ventura, Sonoma *1		J	J	J	J
Kairos Creator subset software (Kairos Media, Kairos Painter, Kairos Audio Mixer*) OS: Windows10/11		J	J	J	J
AT-SFTC10 Touch Control Panel Software OS: Windows10/11		J	1	1	√
AT-SFCM10 Kairos Core Manager OS: Windows10/11		J	1	1	1
AT-SF005 Audio Mixer Option		J	√	√	1
AT-SFE01 RossTalk*3 Option		J	1	1	1
AT-SFE03 NMOS*4 Option		J	√	√	future support
AT-KC20M1 SDI I/O Board *5*6		√ max. 2 boards	√ max. 4	1 boards	√ 1 board

• AT-SF001G/SF002G/SF003G functions are standard for AT-KC2000/KC2000S1/KC200/KC200L1.

- *1: Kairos Creator subset software is only compatible with Windows 10/11.
- *2: The AT-SF005 Audio Mixer Option is required for use.
- *3: RossTalk, Ross and XPression, are trademarks or registered trademarks of Ross Video Limited.
- *4: NMOS (Networked Media Open Specifications) is a protocol standardized by AMWA (Advanced Media Workflow Association) for controlling and managing devices via IP networks.
- *5: Each board has 8 input terminals, 4 output terminals and REF IN/OUT (max. 8 inputs/4 outputs in FHD/HD). Installation of the optional board is carried out by the dealer. Always consult your dealer for installation.
- *6: When installed, max. capacity of the RAM player is reduced. For details, please check our website.

KAIROS; Platform for Innovative Live Video Production

Flexible Input/Output

Support for extensive baseband and IP packet signals, video formats, and inputs and outputs.

Unlimited Expression

KAIROS's unlimited scenes and layers combine with CANVAS's unrestricted aspect ratios for highly flexible video production.

Advanced Operation

IP connection enables operation via multiple control panels as well as remote operation. Software architecture realizes high system scalability.

IP
Network

IT
Software
Linux OS, CPU, GPU
Unlimited Scenes
and Layers, CANVAS,
Functionality and
System Expansion

IP
Network
Video and Audio Transmission
Equipment Control Protocols,
AV Streaming

Video and Audio Transmission
Equipment Control Protocols,
AV Streaming

Incredible Productivity

GUI Operation

Intuitive Operation with GUI, Multi-Operation, Remote Operation

Three technologies that make up KAIROS

KAIROS Alliance Partners

KAIROS leverages ever-expanding IT ecosystems for function expansion via new software and linkage with external devices. To further accelerate such linkage, Panasonic collaborates with diverse IT companies, video equipment manufacturers and suppliers.



See website for many other case studies

See website for latest list of KAIROS Alliance Partners and certified devices.

KAIROS Case Studies



KAIROS helps realize unprecedented ballpark

Es Con Field Hokkaido (Staging & Event & HOW) Country: Japan Installation: March 2023



GGGLUE (Staging & Event & HOW) Country: U.S.A. Installation: April 2022





RTL2 Television uses KAIROS to enhance remote production

RTL2

(Broadcast Studio)
Country: Germany
Installation: Summer 2021



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Specifications are subject to change without notice.



For more information, please visit Panasonic web site https://pro-av.panasonic.net/en/qr/

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