

Media Processors
Simplify Multi-Projection
Workflows for
Immersive Experiences



ET-FMP50/FMP20



ET-SBFMP10

What's the FMP50 Series?

Designed around the concept of "simpler but better," the ET-FMP50 Series is a media processor designed to simplify and enhance multi-projection. It offers manual and automatic camera-based¹ blending/black-level adjustments and 4K media playback² capability, streamlining the creation of multi-projection setups, saving resources, and enhancing efficiency.



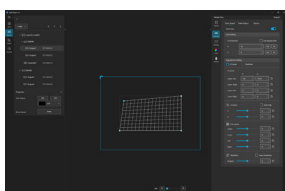
01 | Simplified Layout Flexible Design

Box and function board types are available, with the latter offering single LAN cable connection to simplify your system, enhance efficiency, and reduce costs.



02 | Workflow Game-changer Auto Calibration

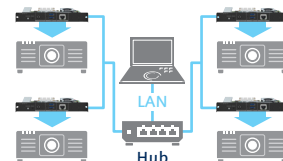
Camera-based¹ calibration automatically handles blending and black-level adjustments, streamlining on-site workflows without additional licensing fees.



03 | Easy to Master Intuitive Software

User-friendly software empowers you to seamlessly warp and blend content, manage playlists and playback schedules, and enjoy all features without a separate license.

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04 | Holistic Ecosystems Stable & Reliable

Seamlessly integrated with Panasonic projectors, the FMP50 Series ensures a cohesive ecosystem for enhanced stability and fast troubleshooting recovery.

HARDWARE HIGHLIGHTS

Simplify and Enhance Your Multi-Projection Attraction

The FMP50 Series comprises compact box-type and function board processors. Box-type models support up to four 1920 x 1080/60p outputs per device, installable near projector clusters. The function board type integrates into compatible projectors, requiring only a single LAN cable connection. All feature large internal storage capacities of up to 4 TB¹ and support content with a max. resolution of 18 million pixels (long side 7680 pixels or less) with video bandwidth of up to 300 Mbps. The series supports NDI[®] AVoIP protocol, HAP codec² compatibility, and synchronized playback across multiple devices over LAN. Pixel-based adjustment ensures superior precision with minimal impact on image quality. Running on a Linux[®] platform, the FMP50 Series is the heart of your Panasonic multi-projection ecosystem.

¹ ET-FMP50 only. For the ET-FMP20 (512 GB) and ET-SBFMP10 (512 GB), approximately 30 GB of the total storage space is allocated for system usage and is unavailable to the user. ² ET-FMP50 only. Compatible with HAP 1 and HAP Q. Please consult the spec file for detailed information. ³ Compatible cameras (sold separately) comprise NIKON D5200/D5300/D5500/D5600/D7500/Z50 and the IDS GV-5890CP-C-HQ. Please visit PASS for more information.

Specifications

Model	ET-FMP50	ET-FMP20	ET-SBFMP10
Type	Box-type		Function board-type
Terminals	LAN RJ-45 x 1 for network connection, 10Base-T/100Base-TX, 1000Base-T, NDI [®] compatible		
	HDMI [™] OUT 1/2/3/4 HDMI [™] x 4, Audio signal: Linear PCM, 44.1 kHz/48 kHz, 16-bit, 2 channels		—
	Audio OUT 3.5 mm stereo mini-jack		
NDI [®] -compatible streaming content	Image compression method: High Bandwidth NDI [®] ; Image resolution/frame rate: 1920 x 1080/60 fps, 1920 x 1080/50 fps; Audio signals: Linear PCM, 44.1 kHz/48 kHz, 16-bit, 2 channels		
Max. video output resolution	3840 x 2160/60p x 1 or 1920 x 1080/60p x 4 ¹		3840 x 2160/60p
Video format	HAP ² / H.264, 8-bit, 3840 x 2160 pixels, 60p, YPbPr 4:2:0, 300 Mbps / H.265, 8-bit, 18 million pixels (long side 7680 pixels or less), 60p, YPbPr 4:2:0, 300 Mbps	H.264, 8-bit, 3840 x 2160 pixels, 60p, YPbPr 4:2:0, 300 Mbps / H.265, 8-bit, 18 million pixels (long side 7680 pixels or less), 60p, YPbPr 4:2:0, 300 Mbps	
Audio format	AAC-LC, 16-bit, stereo		
Storage	4 TB	512 GB ³	—
Operating system	Linux [®]		
Power supply	AC 100–240 V, 50/60 Hz		—
Maximum power consumption	64 W		—
Operation noise	42 dB (Max), 33 dB (Normal)		—
Dimensions (W x H x D)	Approx. 210 mm x 44 mm x 295 mm (8 9/32" x 1 23/32" x 11 5/8") (Excluding feet)		Approx. 195 mm x 25 mm x 123.2 mm (7 11/16" x 1" x 4 27/32")
Weight	Approx. 2.0 kg (4.41 lbs) (Excluding AC adapter and cord)		Approx. 0.26 kg (0.57 lbs)
Operating environment	Operating temperature: 0–40 °C (32–104 °F), operating humidity: 10–80 % (no condensation)		

¹ When four HDMI[™] outputs are used simultaneously. ² Compatible with HAP 1 and HAP Q. Please consult the spec file for detailed information. ³ For the ET-FMP20 (512 GB) and ET-SBFMP10 (512 GB), approximately 30 GB of the total storage space is allocated for system usage and is unavailable to the user. ⁴ The operating temperature range may differ according to the specific projector model paired with the ET-SBFMP10.

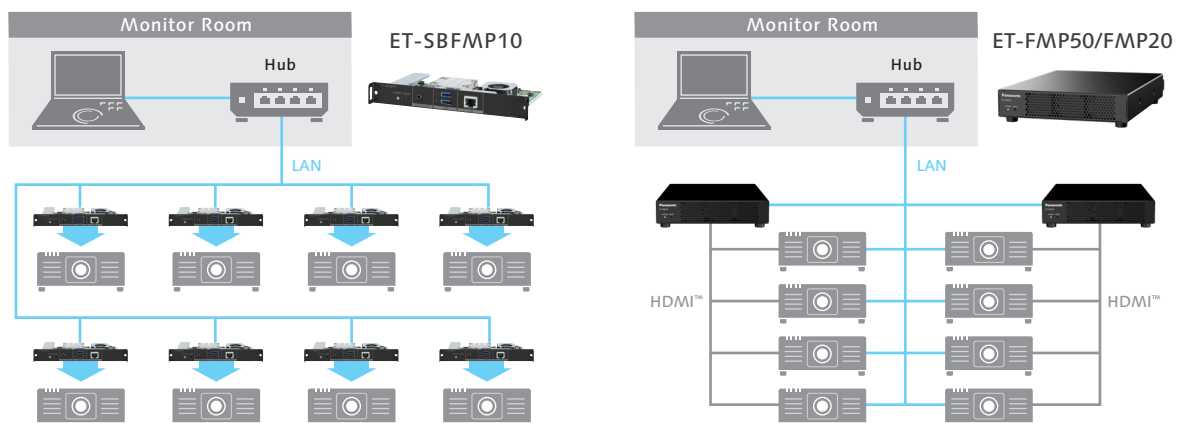
Projectors Compatible with ET-SBFMP10

ET-SBFMP10 is designed to suit any Panasonic projector with an Intel[®] SDM standard-compatible SLOT. Compatible models comprise the PT-RQ25K Series, PT-RZ14K, PT-REQ15 Series, PT-REZ15 Series, and PT-RQ7 Series. Models to be compatible will be addressed in sequence.

Optional Accessories

- Rack-Mount Kit for 2x ET-FMP50/FMP20 ET-PKFMU2
- Rack-Mount Kit for 1x ET-FMP50/FMP20 ET-PKFMU1

SYSTEM EXAMPLE



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Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Availability of products and accessories may vary by country or region. Products may be subject to export control regulations. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. NDI[®] is a registered trademark of NewTek, Inc. Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries. Linux[®] is the registered trademark of Linus Torvalds in the U.S. and other countries. All other trademarks are the property of the respective trademark owners. © Panasonic Connect Co., Ltd. 2025.

SOFTWARE HIGHLIGHTS

Intuitive Control, Effortless Precision

The FMP50 Series features intuitive, easy-to-master PC software streamlining multi-projection workflows with automatic camera-based³ adjustment. View the projection area from the camera's perspective on your PC screen, adding up to 300 adjustable cursors to precisely shape your image display. Splitting, blending, and black-level adjustments can be performed automatically. Create multiple playlists with custom timelines using a drag-and-drop interface for gapless playback. The software allows for automated daily playback through custom schedules and supports playback via external UDP commands, enhancing efficiency. You can also preview content before projection. Planned support for dome mapping, 3D object mapping, and auto color adjustment ensures the software adapts to your evolving needs.

For more information about Panasonic projectors, please visit:

Projector Global Website – <https://docs.connect.panasonic.com/projector/>
 Facebook – www.facebook.com/panasonicprojectoranddisplay
 YouTube – www.youtube.com/user/PanasonicProjector

All information included here is valid as of February 2025.

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