

## Media Processors

## ET-FMP50 Series

*Note: Product availability varies by country or region.*

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-based<sup>1</sup> blending/black-level adjustments and 4K media playback<sup>2</sup> capability, streamlining the creation of multi-projection setups, saving resources, and enhancing efficiency.



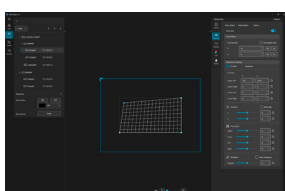
#### 01 | Simplified Layout Flexible Design

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



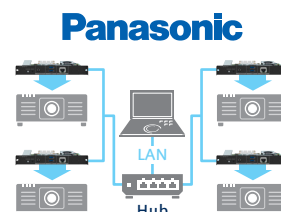
#### 02 | Workflow Game-changer Auto Calibration

Camera-based<sup>1</sup> 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.



#### 04 | Holistic Ecosystems Stable & Reliable

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

<sup>1</sup> Compatible cameras (sold separately) comprise NIKON D5200/D5300/D5500/D5600/D7500/Z50/Z5 and the IDS GV-5890CP-C-HQ. Please visit PASS for more information. <sup>2</sup> The maximum output resolution is 3840 x 2160/60p x 4 (ET-FMP50/FMP20) or 1920 x 1080/60p x 4 (ET-FMP50/FMP20).

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 of up to 4 TB<sup>1</sup> and support signal input of up to 18 million pixels (max. length 7680 pixels), with resolutions including 7680 x 1920/60p and 4096 x 4096/60p for smoother content production. The series supports NDI® and Dante®<sup>2</sup> AoV, HAP codec<sup>3</sup> compatibility, and synchronized playback 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 HAP Q content is not supported. 3 ET-FMP50 only. Compatible with HAP 1 and HAP Q. Please consult the spec file for detailed information. 4 Compatible cameras (sold separately) comprise NIKON D5200/D5300/D5500/D5600/D7500/Z50/Z5 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® and Dante® (2 channels) <sup>1</sup> 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: 3840 x 2160/60p, 3840 x 2160/50p, 1920 x 1080/60p, 1920 x 1080/50p; 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 <sup>2</sup>                                                                                                                                                                     |                                                                                                                         |                                                                                                                                                                                                          | 3840 x 2160/60p                                                                                         |
| Video format                      | HAP <sup>3</sup> / 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, (including 7680 x 1920/60p, 4096 x 4096/60p), 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, (including 7680 x 1920/60p, 4096 x 4096/60p), YPbPr 4:2:0, 300 Mbps |                                                                                                         |
| Audio format                      | AAC-LC, 16-bit, stereo                                                                                                                                                                                                      |                                                                                                                         |                                                                                                                                                                                                          |                                                                                                         |
| Storage                           | 4 TB                                                                                                                                                                                                                        |                                                                                                                         | 512 GB <sup>4</sup>                                                                                                                                                                                      |                                                                                                         |
| Operating system                  | Linux®                                                                                                                                                                                                                      |                                                                                                                         |                                                                                                                                                                                                          |                                                                                                         |
| Power supply                      | Single-phase 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)                                                                                                                                   |                                                                                                                         |                                                                                                                                                                                                          | Operating temperature: 0–45 °C (32–113 °F) <sup>5</sup> , operating humidity: 10–80 % (no condensation) |

1 HAP Q content is not supported. 2 When four HDMI™ outputs are used simultaneously. 3 Compatible with HAP 1 and HAP Q. Please consult the spec file for detailed information. 4 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. 5 The operating temperature range may differ according to the specific projector model paired with the ET-SBFMP10.

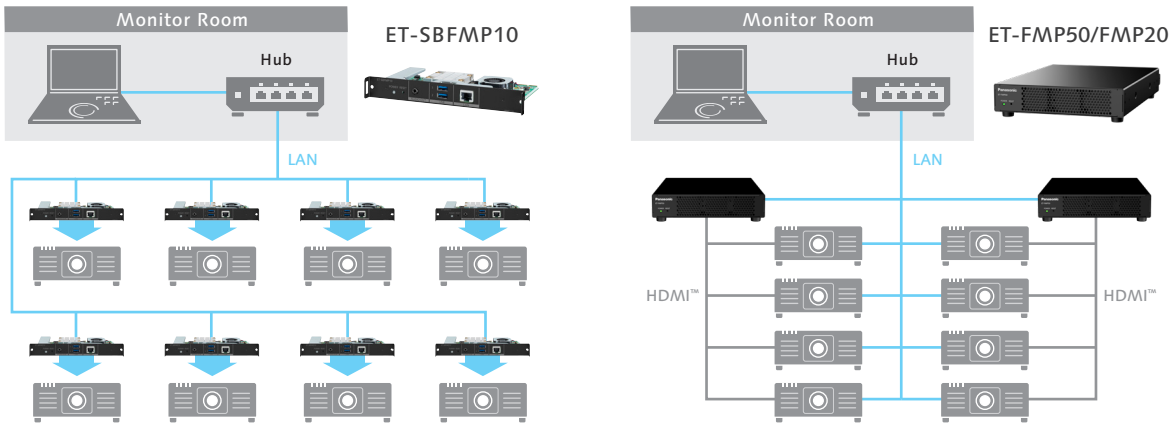
Projectors Compatible with ET-SBFMP10

ET-SBFMP10 is designed to suit supported Panasonic projectors 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. Compatibility of the FMP50 Series with non-Panasonic projectors cannot be guaranteed. Models to be compatible will be addressed in sequence.

- Optional Accessories
- Rack-Mount Kit for 2x ET-FMP50/FMP20  
ET-PKFMJ2

• Rack-Mount Kit for 1x ET-FMP50/FMP20  
ET-PKFMJ1

SYSTEM EXAMPLE



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. Dante® is a registered trademark of Audinate Pty Ltd. 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. "Panasonic" is a registered trademark of Panasonic Holdings Corporation and is used under license from Panasonic Holdings Corporation. All other trademarks are the property of the respective trademark owners. © Panasonic Projector & Display Corporation 2025.



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Facebook – [www.facebook.com/panasonicprojectoranddisplay](https://www.facebook.com/panasonicprojectoranddisplay)  
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All information included here is valid as of September 2025.

ET-FMP50Series\_G5 Printed in Japan.