Panasonic CONNECT

AVAILABLE FROM CY2024 Q2 (ET-FMP50/FMP20) / CY2024 Q4 (ET-SBFMP10)

# ET-FMP50 Series

## Media Processors

*Note: ET-FMP50 Series comprises the ET-FMP50, ET-FMP20, and ET-SBFMP10. Product availability may vary by country or region.*

Media Processors Simplify Multi-Projection Workflows for Immersive Experiences

ET-FMP50/FMP20

Function Board ET-SBFMP10

*Note: Product appearance is tentative and subject to change.*

## Main Features

### 01 | Flexible Design Streamlines Installation

Simplify complex projection-mapping infrastructure with the ET-FMP50 Series, featuring manual and auto camera-based[1] warping/blending and media playback functions to streamline installation, adjustment, and operation workflows in a Panasonic projection ecosystem.

### 02 | Simple Yet High-Precision Adjustment

Highly precise pixel-based adjustment minimally impacts image quality for faithful reproduction of detailed content. Easily add immersive effects with free-shape and line-masking and unlock intuitive auto adjustment, with no license required.

### 03 | Smooth and Continuous Content Playback

Based on the Linux® OS, the ET-FMP50 Series features high-capacity storage ranging from 512 GB[2] to 4 TB. It can play H.264 and H.265 codecs at up to 4K resolution and 300 Mbps. In addition, the ET-FMP50 is compatible with the HAP[3] codec. The processors are compatible with the NDI® standard, allowing audio and video signals to be transmitted via LAN cable.

| ET-FMP50 Series | | | |
|---|---|---|---|
| | ET-FMP50 | ET-FMP20 | ET-SBFMP10 |
| Type | Box-type | | Function board-type |
| Maximum Video Output Resolution | 3840 x 2160/60p x 1 or 1920 x 1080/60p x 4[4] | | 3840 x 2160/60p |
| Storage | 4 TB | 512 GB[2] | |

*1 Compatible cameras (sold separately) comprise NIKON® D5200/D5300/D5500/D5600/D7500/Z50. 2 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. 3 ET-FMP50 only. Available via a firmware update from CY2025 Q1. 4 When four HDMI™ outputs are used simultaneously.*

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## Reduces the Cost and Complexity of Installation and Cabling

The ET-FMP50/FMP20 is a compact box-type media processor that can be conveniently placed near the projectors with connection via HDMI™. ET-SBFMP10, meanwhile, is a function board that slots into your Panasonic projector's Intel® SDM standard-compatible SLOT[1] to enable connection via LAN cable only, simplifying the system and reducing the need for server room construction.

## Convenient Support from a Common Brand

It's best to choose projectors and processors of the same brand since they are designed to work seamlessly together. And if you need support, it's easier to call one company rather than several. Furthermore, the ET-FMP50 Series helps minimize your carbon footprint and reduce resource usage with a consumption of just 64 W[2] and automated playback scheduling.

## Save Time, Enhance Quality with Camera-based Adjustment[3]

Working with NIKON® cameras[3], the ET-FMP50 Series wins back your time by automating complex warping/blending processes with highly precise pixel-based adjustment. View the projection area from the camera's perspective on a PC and click to designate an image display area: content splitting, geometric adjustment, and blending are performed automatically.

## Supports High-Quality Video Content

ET-FMP50/FMP20 can output a 3840 x 2160p signal or split it into 1080p quarters for 4x projectors via HDMI™, while the ET-SBFMP10 outputs 3840 x 2160p video. All models support H.264 and H.265 formats, with the ET-FMP50 also supporting the HAP[4] codec. Play content directly from the processor with media storage up to 4 TB or over NDI®-compatible LAN.

## Other Features

- Automatic content splitting via camera (resolutions up to 4K supported)
- Manual color-matching adjustment (automatic is TBA)
- Compatible with Multi Monitoring & Control Software[5] (software functionality with ET-FMP50 Series is currently limited to on/off status monitoring only)
- Playback scheduling function

*1 Panasonic cannot guarantee compatibility of the ET-SBFMP10 with non-Panasonic projectors. Compatibility with future supported Panasonic models is anticipated. 2 Approximate max. power consumption for the ET-FMP50/FMP20. 3 Compatible cameras (sold separately) comprise NIKON® D5200/D5300/D5500/D5600/D7500/Z50. 4 Available via a firmware update from CY2025 Q1. 5 Download free from the Panasonic global projector website.*

## 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 (Sampling frequency: 48 kHz/44.1 kHz) | | — |
| | Audio OUT | 3.5 mm stereo mini-jack | | |
| 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, $YP_BP_R$ 4:2:0, 300 Mbps / H.265, 8-bit, 4096 x 4096 pixels, 60p, $YP_BP_R$ 4:2:0, 300 Mbps | H.264, 8-bit, 3840 x 2160 pixels, 60p, $YP_BP_R$ 4:2:0, 300 Mbps / H.265, 8-bit, 4096 x 4096 pixels, 60p, $YP_BP_R$ 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 | | — |
| Dimensions (W x H x D) | | Approx. 210 mm x 44 mm x 295 mm (8 1/4″ x 1 23/32″ x 11 5/8″) (Excluding feet) | | Approx. 195 mm x 25 mm x 123.2 mm (7 3/4″ x 63/64″ x 4 7/8″) (TBD) |
| Weight | | Approx. 2.0 kg (4.41 lbs) (Excluding AC adapter and cord) | | Approx. 0.23 kg (0.51 lbs) (TBD) |
| Operating environment | | Operating temperature: 0–40 °C (32–104 °F), operating humidity: 10–80 % (no condensation) | | Operating temperature: 0–45 °C (32–113 °F)[4], operating humidity: 10–80 % (no condensation) |

*1 When four HDMI™ outputs are used simultaneously. 2 ET-FMP50 only. Available via a firmware update from CY2025 Q1. 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. Compatibility with projectors planned for release in the future is anticipated.

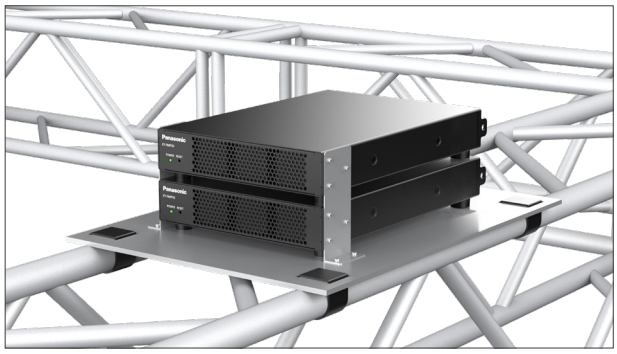
## Optional Accessories

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

*Note: Kit pictured with 2x ET-FMP50/FMP20 installed (processors and rack not included).*

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

*Note: Kit pictured with 1x ET-FMP50/FMP20 installed (processor and rack not included).*



Reference example showing installation on trusses.

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**For more information about Panasonic projectors, please visit:**

Projector Global Website – **https://panasonic.net/cns/projector/**
Facebook – **www.facebook.com/panasonicprojectoranddisplay**
YouTube – **www.youtube.com/user/PanasonicProjector**

**All information included here is valid as of May 2024.**

ET-FMP50Series_G1 Printed in Japan.