

PT-MZ880 series

Panasonic
BUSINESS



New Possibilities in Projection
3 LCD Laser Projector Series

A Better Life, A Better World

1. Concept and Feature overview

- PT-MZ880 series replacing MZ770 series
- PT-MZ880 series concept and main feature
- Projector Lineup 2021



Panasonic
BUSINESS

Panasonic
BUSINESS

PT-MZ880 series

Replacing MZ770/MZ670/570



PT-MZ880 series Concept

3LCD Laser Solid Shine Projector



Model	PT-MZ880	PT-MZ780	PT-MZ680
Brightness	8,000lm	7,000lm	6,000lm
Resolution	WUXGA (1,920 x 1,200)		
Light Source	Blue Laser / Phosphor		
Dimension**4 (W x D x H)	561 x 437 x 190 mm (w/o lens) 22 3/32 x 7 15/32 x 17 7/32 in		
Weight	Approx. 18.6kg Approx. 41lbs	Approx. 17.6kg Approx. 38.8lbs	
Colour	White / Black		

Available from May 2021

Various space creation with superb picture quality

High Picture Quality

- Fine tuned picture quality maintains **both color and high brightness**
- **Detail Clarity Processor 4** for clear and sharp image projection

System flexibility fits to various environment

System Flexibility

- **Wide Lens shift area** and **Ultra-Short Throw lens** (Sep) to expand installation capability
- **Edge Blending** to realize versatile space creation
- No distraction during presentation thanks to **low operating noise**
- **Accept 4K input signal**, supporting system upgrade

Eco Friendly design and engineering

Eco friendly

- Newly designed optical engine achieves **low Power consumption**, reducing approx. 20% vs. conventional model
- Maintenance free filter for up to **20,000hrs** allows low TCO until your next refreshment time
- **Multi-Laser Drive Engine**, continuous presentation in case of laser troubles also

* Condition of 50% brightness drop under Operation mode "Normal", Dynamic Contrast "2", using IEC62087:2008 Broadcast contents, 30 degrees Celsius, altitude of 700m, dust 0.15 mg/m3

Projector Lineup 2021

Panasonic
BUSINESS

Large-Venue



3-Chip DLP™ (SOLID SHINE)



PT-RQ50K



51,000lm (Center) /50,000 lm

NEW



31,000lm(Center)/30,000 lm

PT-RQ32K



27,000 lm(Center)/26,000 lm

PT-RQ22K



21,000(Center)/20,000 lm

PT-RQ13K



10,000 lm

PT-RZ31K/RS30K



31,000 lm(Center)/30,000 lm

PT-RZ21K/RS20K



21,000 lm(Center)/20,000 lm

PT-RZ12K/RS11K



12,000 lm

Available from Nov. 2020

PT-RQ35K/RZ34K

Installation



1-Chip DLP™ (SOLID SHINE)



PT-RCQ10 Series



8,400 - 10,500 lm(Center)
8,000 - 10,000 lm

PT-RZ120



12,600 / 8,800 lm(Center)
12,000 lm

NEW
PT-RZ990/RZ890



10,000 / 8,800 lm(Center)
9,400 / 8,500 lm

PT-RZ970 Series



10,000 - 10,400 lm(Center)
9,400 - 10,000 lm

PT-RZ870



8,800lm(Center)
8,500 lm

PT-RZ790/RZ690



6,200 - 7,200 lm(Center)
6,000 - 7,000 lm

PT-RZ770/RZ660



6,200 - 7,200 lm(Center)
6,000 - 7,000 lm

NEW
PT-FRZ60/FRZ50/FRZ55



5,200 - 6,200 lm(Center)
5,000 - 6,000 lm

LCD (SOLID SHINE)



PT-RZ570/RZ575



5,400 lm(Center)/5,200 lm
5,200 lm(Center)/5,000 lm

PT-MZ16K Series



10,000 -16,000 lm

Available from May 2021

NEW
PT-MZ880 Series



8,000 lm *Accept 4K

LCD (Lamp)

PT-EZ770 Series



6,500 - 7,500 lm

PT-EZ590 Series



5,000 - 6,200 lm

PT-FZ570 Series



4,500 - 5,000 lm

PT-JX200



2,000 lm

PT-JW130



1,000 lm

Portable / Short Throw



LCD

Portable

PT-VMZ60 Series



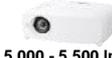
4,500 - 6,000 lm

PT-LB426 Series



3,100 - 4,100 lm

PT-VZ580 Series, VZ470



5,000 - 5,500 lm

PT-VW360 Series



4,000 - 4,500 lm

Short Throw

PT-TW381R Series



3,200 - 3,800 lm

1-Chip DLP™

NEW

PT-LRZ35 Series



3,500 lm

*1 Resolution 5120x3200 Pixels [Quad Pixel Drive: ON]

*2 Resolution 3840x2400 Pixels [Quad Pixel Drive: ON]

*3 HDMI/DIGITAL LINK input

*4 4K input signal is converted to projector resolution(RCQ10,1920 x 1200(RZ120, MZ770), the number of display dot.(VMZ60)

2. High Picture Quality

- Well-Balanced Picture Quality
- Colour improvement / viewing angle
- Detail Clarity Processor 4
- Uniformity improvement
- Uniformity ① User Correction
- Uniformity ② Zoom Correction



Panasonic
BUSINESS

High Picture Quality

3LCD Laser Solid Shine Projector



Model	PT-MZ880	PT-MZ780	PT-MZ680
Brightness	8,000lm	7,000lm	6,000lm
Resolution	WUXGA (1,920 x 1,200)		
Light Source	Blue Laser / Phosphor		
Dimension*4 (W x D x H)	561 x 437 x 190 mm (w/o lens) 22 3/32 x 7 15/32 x 17 7/32 in		
Weight	Approx. 18.6kg Approx. 41lbs	Approx. 17.6kg Approx. 38.8lbs	
Colour	White / Black		

Available from May 2021

Various space creation with superb picture quality

High Picture Quality

- Fine tuned picture quality maintains **both color and high brightness**
- **Detail Clarity Processor 4** for clear and sharp image projection

System flexibility fits to various environment

System Flexibility

- **Wide Lens shift area** and **Ultra-Short Throw lens** (Sep 21) to expand installation capability
- **Edge Blending** to realize versatile space creation
- No distraction during presentation thanks to **low operating noise**
- **Accept 4K input signal**, supporting system upgrade

Eco Friendly design and engineering

Eco friendly

- Newly designed optical engine achieves **low Power consumption**, reducing approx. 20% vs. conventional model
- Maintenance free filter for up to **20,000hrs** allows low TCO until your next refreshment time
- **Multi-Laser Drive Engine** for continuous presentation in case of laser troubles

* Condition of 50% brightness drop under Operation mode "Normal", Dynamic Contrast "2", using IEC62087:2008 Broadcast contents, 30 degrees Celsius, altitude of 700m, dust 0.15 mg/m3

Well-Balanced Picture Quality

High Picture
Quality

Panasonic
BUSINESS

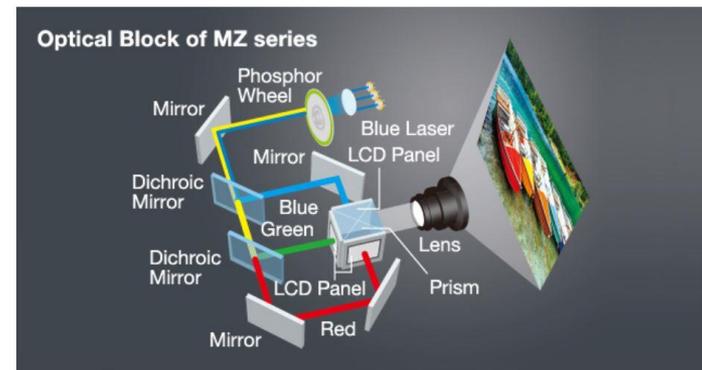
Balanced Picture Quality

The MZ-Series features **WUXGA** models with a refined **Multi-Laser Drive Engine** for the **optimal balance of:**

- High brightness
- Vivid colour
- Low-maintenance operation

Optimized for clear visibility in **well-lit rooms**.

With a selection of **display modes** optimized to suit different kinds of content and screen surfaces and dynamic optimization technologies that continuously adjust the image to suit environment and content, your audience will enjoy **comfortably visible pictures without reducing the room lights**.



* Measurement, measuring conditions, and method of notation are all compliant with ISO/IEC 21118: 2020 international standards.
Value is average of all products when shipped.

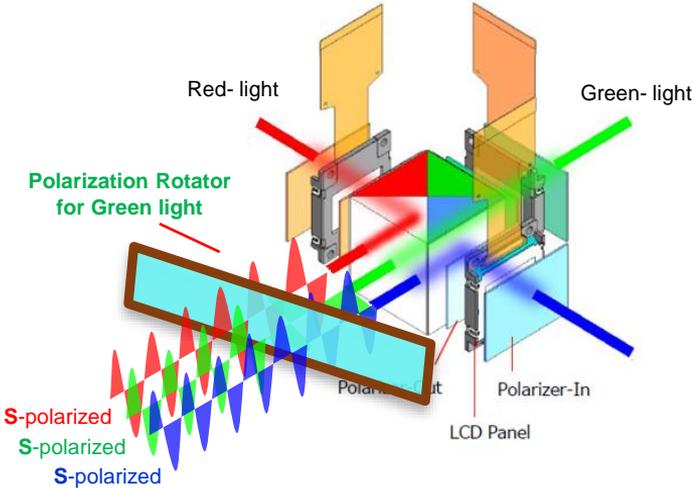
Colour Improvement / Viewing Angle

High Picture Quality

Panasonic
BUSINESS

RGB Colour Light output optimized

Adaptation to different screen materials is optimized with new polarization of RGB light.



Detail Clarity Processor 4

High Picture
Quality

Panasonic
BUSINESS

Panasonic original Processors

Proprietary circuitry **analyzes** individual **video frames** to clarify areas of each image containing fine details. Algorithms extract data from four frequency bands of the signal, sharpening outlines, correcting contours, and reducing ringing noise for increased text definition and **clearer detail resolution in video and graphics**.



Dynamic Contrast of **3,000,000:1**

To best suit the projected content or operating environment, Dynamic Contrast **analyzes the input signal frame-by-frame** and directly **adjusts light-source output** according to the contrast requirements of each scene. As well as increasing overall contrast precision, Dynamic Contrast more accurately reproduces scenes where light and dark images frequently interchange.

Uniformity improvement

1. Function of uniformity **User Correction** added.
2. Unevenness adjustment algorithm optimized via **Factory**.

No	Function	MZ880
1	Uniformity correction by USER	(8 layers and 8 Points)
2	Uniformity correction at Factory	(TELE + WIDE)

Uniformity ① USER CORRECTION

High Picture Quality

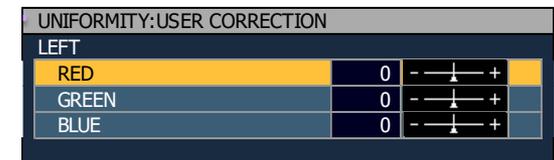
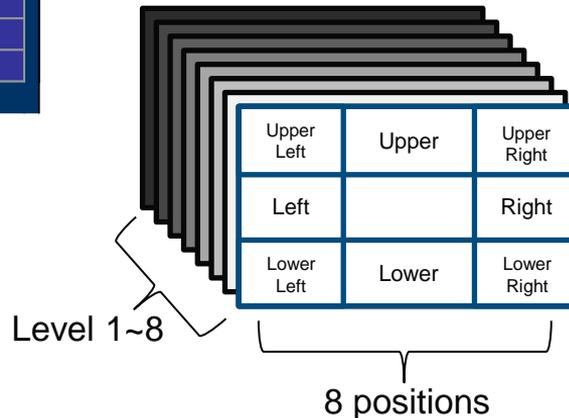
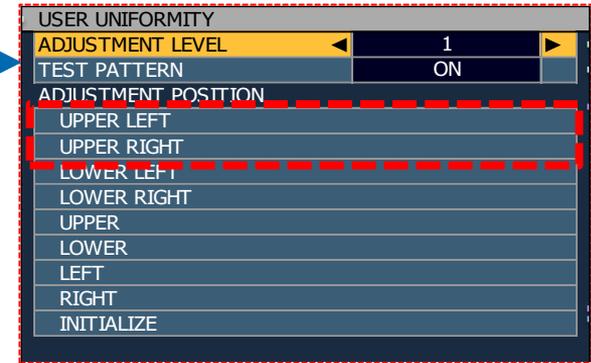
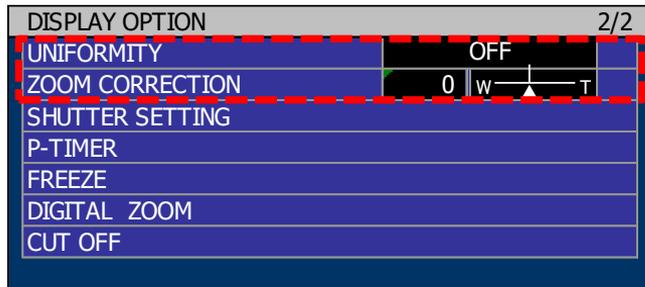
Panasonic
BUSINESS

Uniformity is pre-adjusted from factory

→ and “Manual” fine tuning is possible additionally

- “USER CORRECTION” to improve picture quality and optimize each Lens type.
- User can adjust the uniformity with eight layers and eight areas.

* it's same as User Correction of MZ10,13,16K



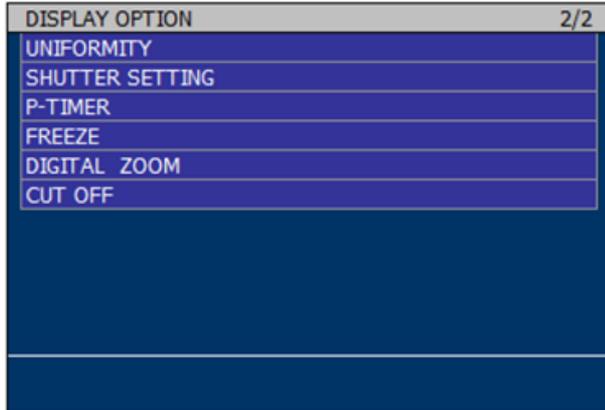
Uniformity ② ZOOM CORRECTION

High Picture
Quality

Panasonic
BUSINESS

ZOOM CORRECTION: to optimize the uniformity to each lens Zoom level.

- Level 0 data is optimized for “WIDE” and level 8 is optimized for “TELE”.
- Nine levels data based of factory adjustment can be selected.



3. System Flexibility

- Flexible Design
- Quiet Operation & 4K Support
- HDMI-CEC Compatibility
- RJ45 LAN & Digital Link Terminal
- Terminal / Interface
- Contrast Sync and Shutter Sync
- Smart Projector Control App
- Auto Focus & NFC via App
- New Lens Installation
- Ultra-Short-Throw Lens with Zoom
- Lens Calculator
- Lens Type Menu
- Multi Screen Support
- Geometry Manager Pro
- Free Grid Function



Panasonic
BUSINESS

PT-MZ880 series Concept

3LCD Laser Solid Shine Projector



Model	PT-MZ880	PT-MZ780	PT-MZ680
Brightness	8,000lm	7,000lm	6,000lm
Resolution	WUXGA (1,920 x 1,200)		
Light Source	Blue Laser / Phosphor		
Dimension*4 (W x D x H)	561 x 437 x 190 mm (w/o lens) 22 3/32 x 7 15/32 x 17 7/32 in		
Weight	Approx. 18.6kg Approx. 41lbs	Approx. 17.6kg Approx. 38.8lbs	
Color	White / Black		

Available from May 2021

Various space creation with superb picture quality

High Picture Quality

- Fine tuned picture quality maintains **both color and high brightness**
- **Detail Clarity Processor 4** for clear and sharp image projection

System flexibility fits to various environment

System Flexibility

- **Wide Lens shift area** and **Ultra-Short Throw lens** (Sep) to expand installation capability
- **Edge Blending** to realize versatile space creation
- No distraction during presentation thanks to **low operating noise**
- **Accept 4K input signal**, supporting system upgrade

Eco Friendly design and engineering

Eco friendly

- Newly designed optical engine achieves **low Power consumption**, reducing approx. 20% vs. conventional model
- Maintenance free filter for up to **20,000hrs** allows low TCO until your next refreshment time
- **Multi-Laser Drive Engine** for continuous presentation in case of laser troubles

* Condition of 50% brightness drop under Operation mode "Normal", Dynamic Contrast "2", using IEC62087:2008 Broadcast contents, 30 degrees Celsius, altitude of 700m, dust 0.15 mg/m3

Flexible Design

System
Flexibility

Panasonic
BUSINESS

Flexible Design Fits any Space

small cabinet size combined with high quality LCD technologies

- Note:**
- Lenses are **compatible to MZ770** series
 - Always delivered with Standard-Lens

all available in:

Black & White



Control Panel was put on the side

Quiet Operation & 4K Support

System
Flexibility

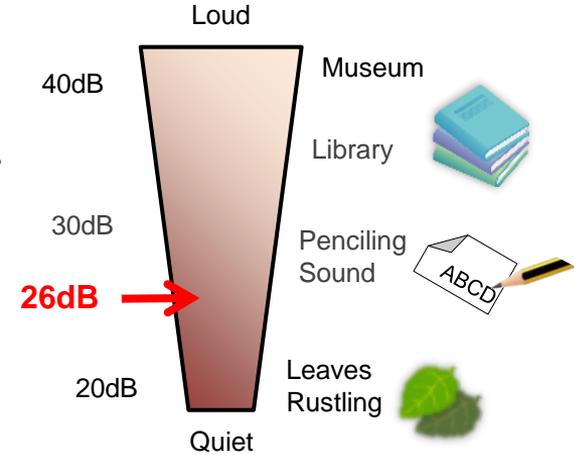
Panasonic
BUSINESS

Quiet Operation helps people focus.

Silent projection PT-MZ880 series has a

Quiet Mode 26 dB (PT-MZ780/MZ680) or **28 dB** (PT-MZ880).

More immersive experience also when the projectors are installed in museums.



Supports 4K Signal Input to fit modern System Infrastructure

PT-MZ880 Series is **compatible with 4K input signals**, accepting **4K/60p** video via HDMI or DIGITAL LINK inputs.

This capability is useful when integrating the projector into existing 4K-ready systems, or distribute 4K signals **without need external converter** or **re-encode the source signal**.

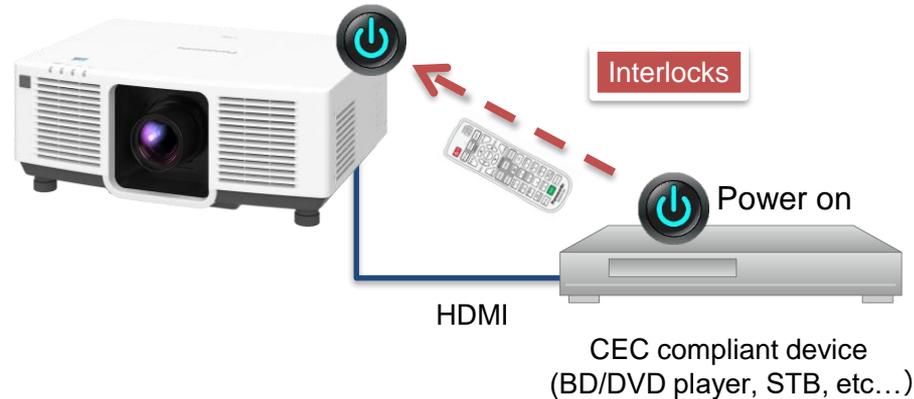
3x HDMI Inputs Support CEC Commands

HDMI inputs are compatible with control signals sent via a CEC-command-compatible device, giving you limited control over the projector using remote control.

The projector **power up from Standby** and **playback automatically** from a compatible player, such as BD/DVD player or Panasonic Wireless Presentation System **“PressIT”**

For more information on Wireless Presentation System PressIT, please click [here](https://business.panasonic.co.uk/visual-system/wireless-presentation-system)
<https://business.panasonic.co.uk/visual-system/wireless-presentation-system>

HDMI-CEC function enables
to switch on/off at same time
With one remote “klik”.



RJ45 LAN & Digital Link Terminal

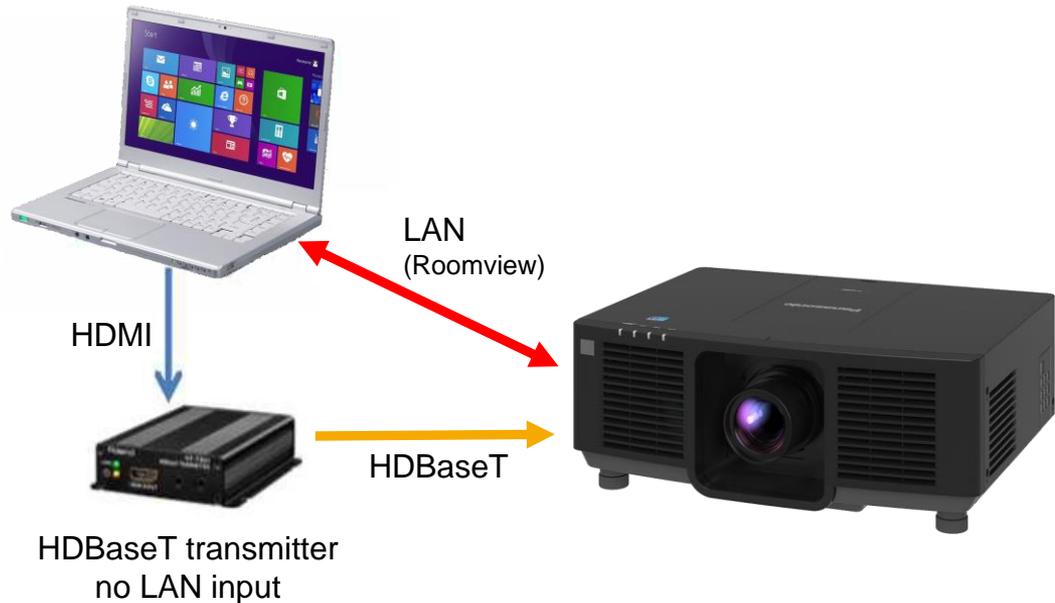
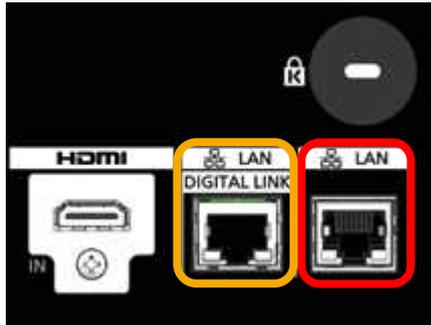
System
Flexibility

Panasonic
BUSINESS

Separate LAN and DIGITAL LINK terminals

You can control MZ880 series projectors via LAN terminal or separate Digital Link connection (HDBase-T™). Both support 100Base-TX- and 10BaseT-compatible control signals via Panasonic, Crestron Connected™, AMX, and Extron® applications.

2 x network terminal (RJ45)



DIGITAL LINK (HDBaseT)

System
Flexibility

Panasonic
BUSINESS

Single Cable Solution with CAT5e/6/7 LAN cable,
up to 150m (492 ft) with Long Reach Mode @1080/60p



Digital Link is full compatible with HDBaseT™



Digital Media 8G+



XTP



Enova-DVX

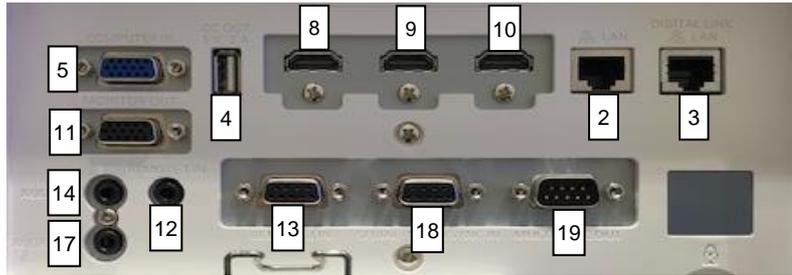


Terminal / Interface

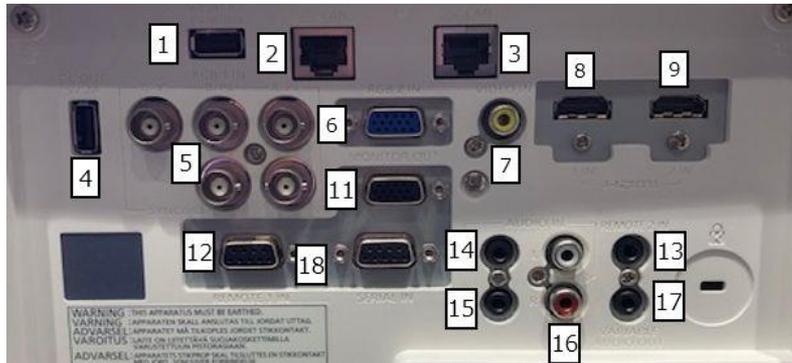
System Flexibility

Panasonic
BUSINESS

MZ880 series added Digital Interfaces,
HDMI 3 and **Contrast & Shutter Sync**



MZ770



No.	Input / Output	MZ770	MZ880
1	VIEWER/PAIRLING	Yes	--
2	LAN	Yes	Yes
3	DIGITAL LINK /LAN	Yes	Yes
4	DC OUT 5V 2A	Yes	Yes
5	RGB 1 IN ⇒COMPUTER IN	Yes (5BNC)	Yes (D-SUB15)
6	RGB 2 IN	Yes (D-SUB15)	--
7	VIDEO IN	Yes	--
8	HDMI 1 IN	Yes	Yes
9	HDMI 2 IN	Yes	Yes
10	HDMI 3 IN	--	Yes
11	MONITOR OUT	Yes	Yes
12	REMOTE 1 IN	Yes (D-SUB 9)	Yes (MINI JACK)
13	REMOTE 2 IN	Yes (MINI JACK)	Yes (D-SUB 9)
14	AUDIO IN 1	Yes	Yes
15	AUDIO IN 2	Yes	--
16	AUDIO IN 3 L R	Yes	--
17	VARIABLE AUDIO OUT	Yes	Yes
18	SERIAL-IN/MULTI SYNC IN	Yes	Yes
19	MULTI SYNC OUT	--	Yes

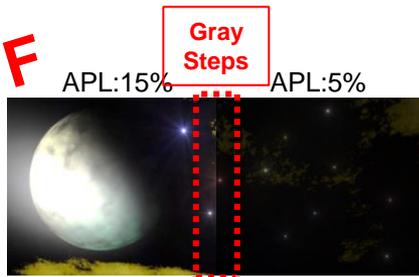
Contrast Sync & Shutter Sync

System
Flexibility

Panasonic
BUSINESS

Contrast Sync

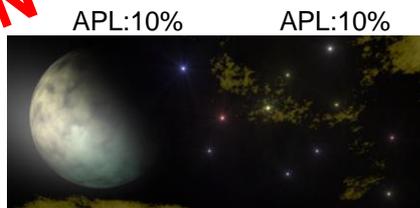
OFF



The dynamic contrast is adjusted by the APL of each image.



ON

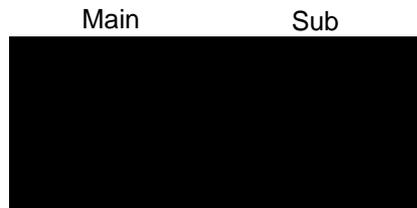


The dynamic contrast is adjusted by an average of APL of all connected projectors.

Shutter Sync

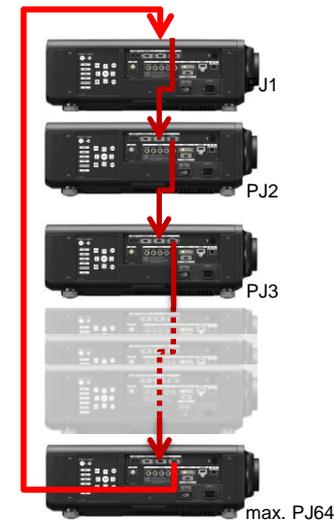


The shooting image is shuttered by each projector.



The shutter function with effect (Fade IN/OUT) is interlocked with a main projector.

RS-232C cable loop



Smart Projector Control App

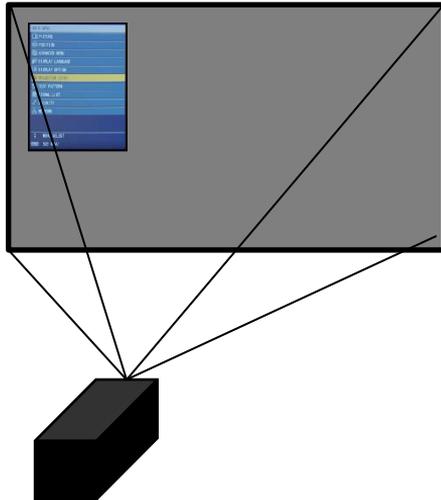
System
Flexibility

Panasonic
BUSINESS

Adjust setups from a smartphone App

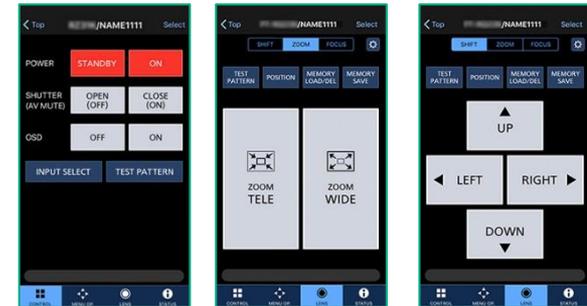


Before



Needed to turn on
projector for menu screen

With Smart PJ Control



- Power ON / Standby
- Menu On/Off
- Shutter On/Off
- Lens Shift/Zoom/Focus
- etc...

Perform Navigation Operations
with a Tap on your Smartphone
NO SCREEN NECESSARY

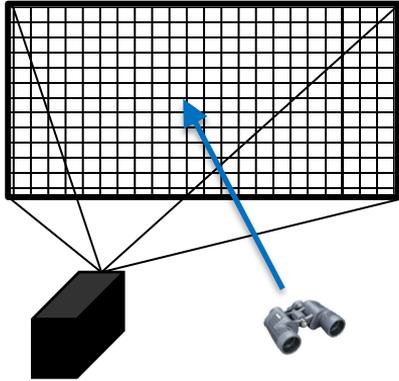
A Better Life, A Better World

Auto Focus & NFC via App

System Flexibility

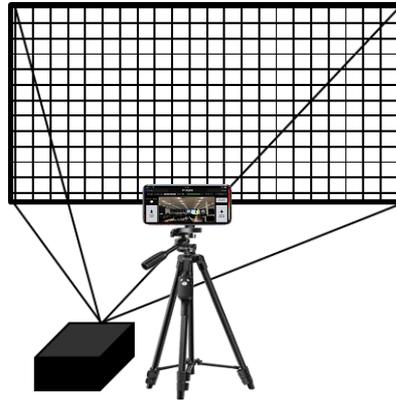
Auto Focus just from a Smartphone

Before



Need to focus manually

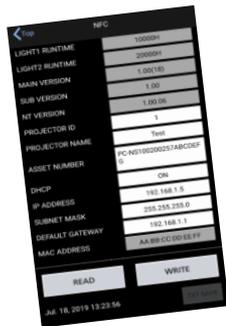
With Smart PJ Control



Set up smart phone with App

Patented Technology

Automatically Focuses



NFC via App

System Flexibility

Near Field Communication via Smart PJ Control App

New Lens Installation

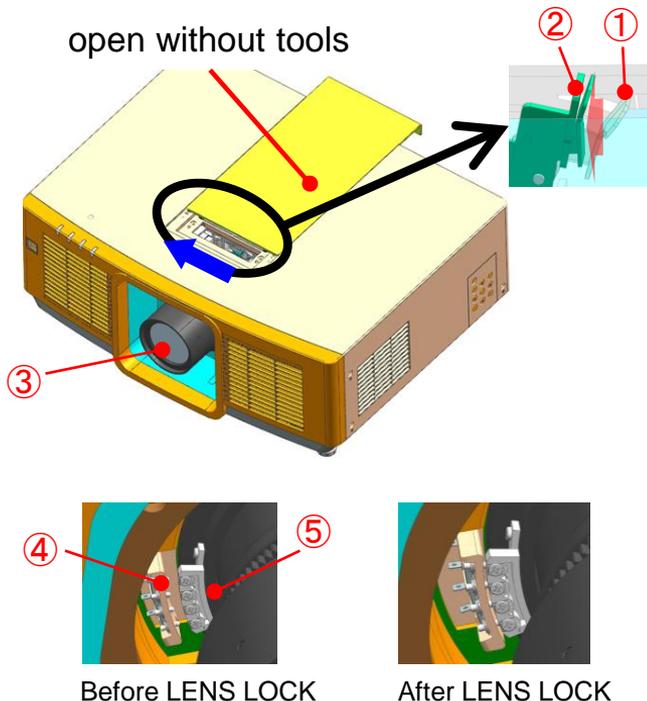
System
Flexibility

Panasonic
BUSINESS

Make it more easy and secure

MZ770: Insert lens and twist to lock

MZ880: Insert lens and lock by using lever



Removing the Projection Lens

1. Remove the top slide cover.
2. While holding the projection lens(③), pitch the lens lock lever(①) and turn to the lever(①+②) to the Unlock side.
*SOKET④+⑤ is changed from connected to disconnected
3. Remove the projection lens.

Attaching the projection lens

1. Confirm that the lens lock lever is positioned at the Unlock side.
2. Insert the projection lens all the way in.
3. While holding the projection lens(③), pitch the lens lock lever and turn to the lever(①+②) to the Lock side/
*SOKET④+⑤ is changed from disconnected to connected
4. Attach the top slide cover.

New Lens Installation

System
Flexibility

Panasonic
BUSINESS



A Better Life, A Better World

Ultra-Short-Throw Lens with Zoom

System
Flexibility

Panasonic
BUSINESS

Flexibility with ET-ELU020

New Powered Lens: **Ultra-Short-Throw Zoom, zero-offset.**

PT-MZ880 Series ships with a 1.61–2.76:1 powered zoom lens and supports optional fixed and zoom lenses to suit your preferred projector location.

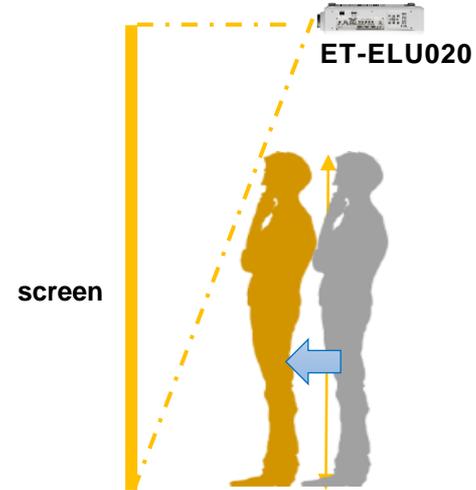
Available: Sep 21



Throw ratio
- 0.330 - 0.354:1
- 1.07x (Zoom)

Ultra-short throw allows to project in extremely tight spaces, and minimizes on-screen shadows.

Powered lens-shift and zoom enables wide-range calibration following projector installation.



Ultra-Short-Throw Lens with Zoom

System
Flexibility

Panasonic
BUSINESS

ET-ELU20 Concept



Model number	ET-ELU20
Available	(target Sep 21)
Throw Ratio	0.330 - 0.354:1 (Zoom)
Lens Shift area	V: + / - 50% H: + / - 24%

Expanding special design in limited space

For
limited
space

Zero offset Ultra Short Throw Zoom lens making minimal shadow by either front or rear projection.

- Straight projection x Zero offset
- Throw Ratio of 0.330 – 0.354 : 1

Superior Flexibility for Easy Installation

Flexibility

Optical zoom and wide-range Vertical and Horizontal lens shift enables full-top-to-bottom screen coverage, as well as fine installation adjustment after mounting the projector.

- Powered optical zoom
- Lens Shift: V: + / - 50%, H: + / - 24%

High Reliability for Continuous Operation

Reliability

The ET-ELU20 features an aspherical all-glass lens that's heat- and scratch-resistant.

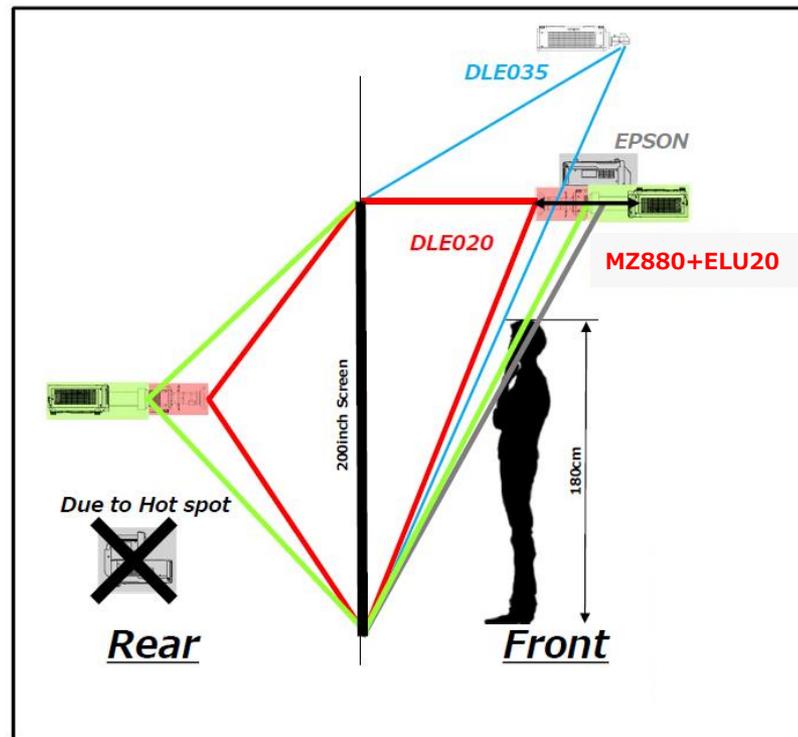
Ultra-Short-Throw Lens with Zoom

System Flexibility

Panasonic
BUSINESS

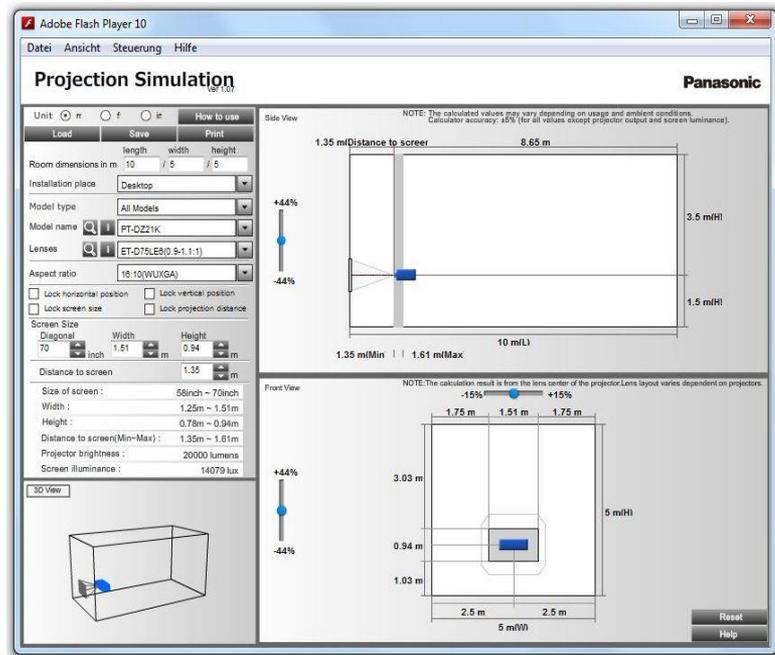
Concept and Flexibility

Brand	EPSON	EPSON	Panasonic	Panasonic	Panasonic Advantages
Model	ELPLX01	ELPLX02	ET-DLE020	ET-ELU20	
Photo					
First shipping	2017/Jun	2018	2019/Oct	(Sep TGT)	
F Value	1.9	1.9	2.0	2.0	Better Focus
Throw Ratio (WUXGA)	0.35:1	0.35:1	0.280-0.299:1	0.330-0.354:1	Less shadow
Zoom	--	--	1.07x	1.07x	Adjustable
Lens shift V	+17%	+20%	+50% / -16%	+ / - 50%	Wider range
Lens shift H	+/- 10%	+/- 10%	+10% / -20%	+/- 24%	Wider range
Remark	0.8" (6k - 8k lm) white / black	1.0" (9k - 20k lm) white / black	0.7" 1DLP	0.8" 3LCD	- Rear projection capable - No mirror - No Offset



A Better Life, A Better World

Lens Calculator, **on-/offline** with 3D view



<https://panasonic.net/cns/projector/download/#calculator>

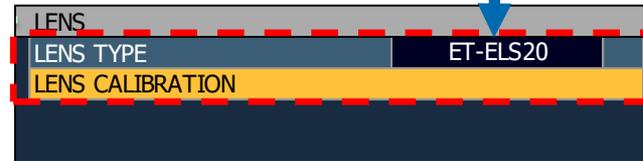
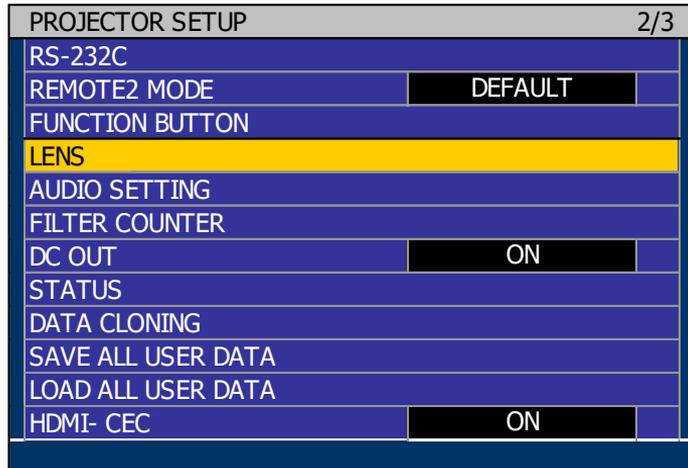
Throw Distance Calculator for
Smartphones & PC
detects
automatically
your device



Background and Objectives

“**LENS**” is added in the OSD Menu, to set and **safe uniformity correction data** and **lens shift range** at each lens.

- Each lens is listed under “LENS TYPE” menu
- “LENS CALIBRATION” menu position is under the “LENS” and below “LENS TYPE”.

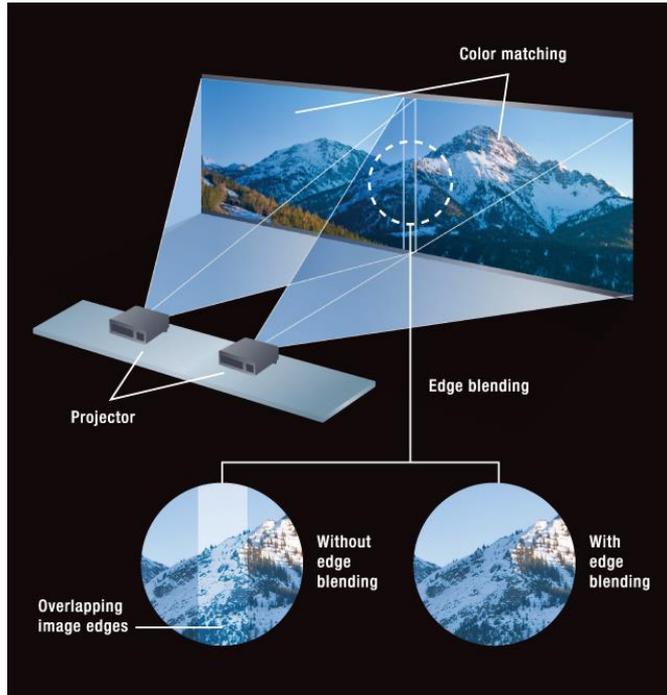


Multi Screen Support

System
Flexibility

Panasonic
BUSINESS

Edge Blending functionality opens choice in high immersion exhibition environments

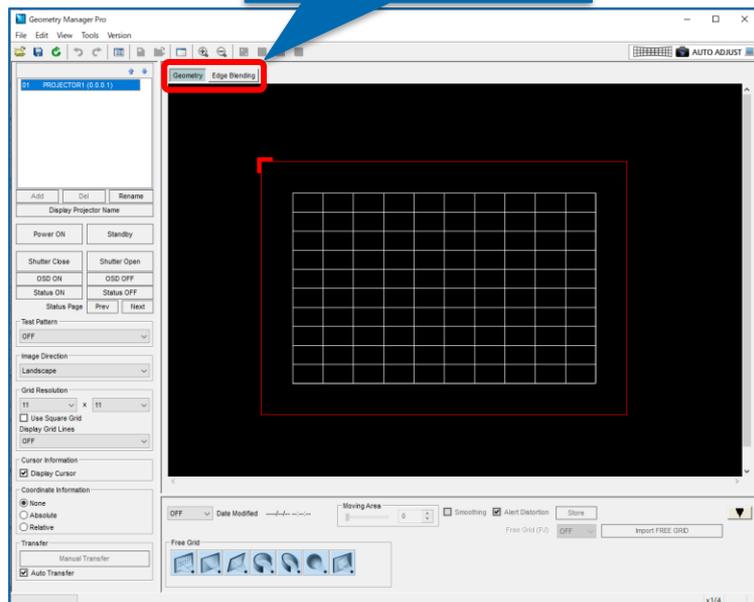


Soft Edge Blending
creates smooth and
seamless image

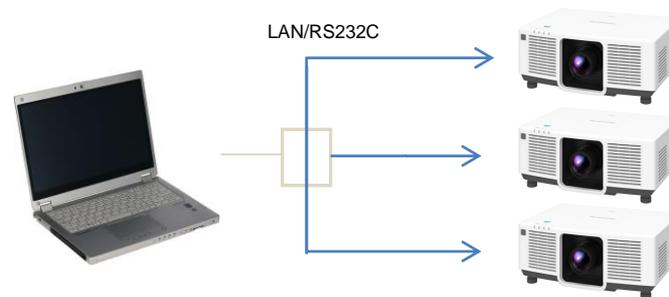
Geometry Manager Pro* compatibility allows complex correction over projected image

“Geometry Adjustment” and “Edge Blending” tabs are available.

Geometry and Edge Blending tabs



Faster and easier
adjustment via network



* Geo Manager Pro software, MZ880 series has limited feature

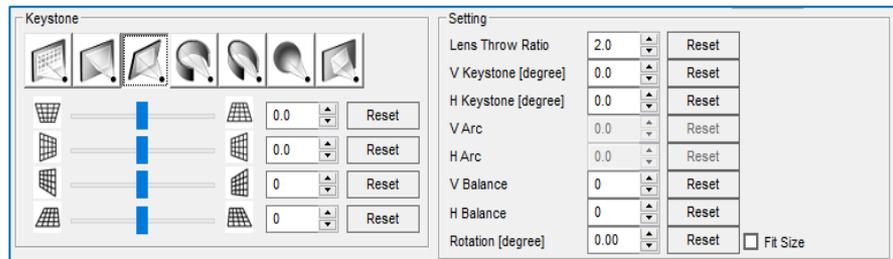
Built-in Geometric Adjustment Functions and Edge Blending

Geometric Adjustment is a suite of functions built into the projector operated via the projector remote control that allow installers to correct distortion when images are projected.

- at an angle
- onto curved screens
- over irregular screen surfaces
- spherical, cylindrical, and other complex screen shapes

No PC needed.

Edges of adjacent screens can be blended and their brightness controlled



Adjustment functions are variable and could be changed

	PT-MZ880 Series
H Keystone	$\pm 15^\circ$
V Keystone	$\pm 20^\circ$

Free Grid Function

System
Flexibility

Panasonic
BUSINESS

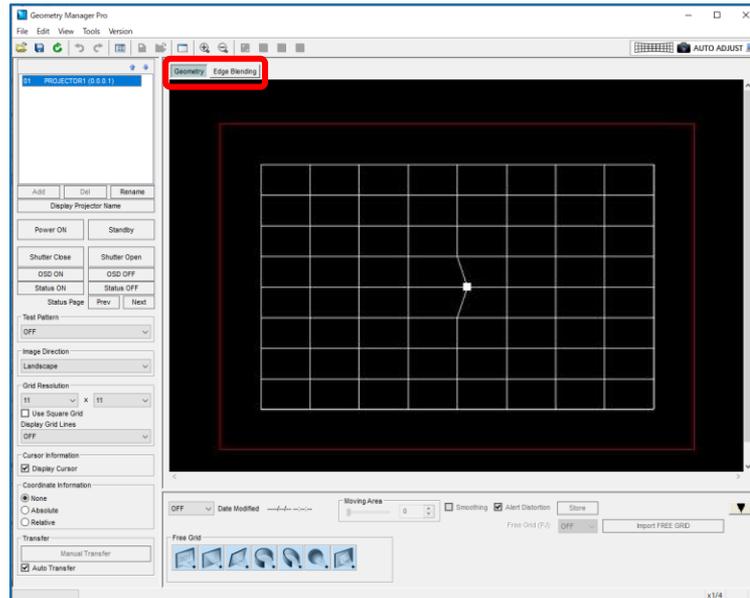
Points

“FREE GRID” function is added.

That enables grid-based image adjustment.

Grids between 2 x 2 and 11 x 11 lines are selectable.

User can adjust the FREE GRID via Geometry Manager Pro only.



4. Eco friendly

- Low Energy and Maintenance
- Long Life Design
- ECO Management System
- Less Package and Failover Circuitry



Panasonic
BUSINESS

PT-MZ880 series Concept

3LCD Laser Solid Shine Projector



Model	PT-MZ880	PT-MZ780	PT-MZ680
Brightness	8,000lm	7,000lm	6,000lm
Resolution	WUXGA (1,920 x 1,200)		
Light Source	Blue Laser / Phosphor		
Dimension*4 (W x D x H)	561 x 437 x 190 mm (w/o lens) 22 3/32 x 7 15/32 x 17 7/32 in		
Weight	Approx. 18.6kg Approx. 41lbs	Approx. 17.6kg Approx. 38.8lbs	
Color	White / Black		

Available from May 2021

Various space creation with superb picture quality

High Picture Quality

- Fine tuned picture quality maintains **both color and high brightness**
- **Detail Clarity Processor 4** for clear and sharp image projection

System flexibility fits to various environment

System Flexibility

- **Wide Lens shift area** and **Ultra-Short Throw lens** (Sep) to expand installation capability
- **Edge Blending** to realize versatile space creation
- No distraction during presentation thanks to **low operating noise**
- **Accept 4K input signal**, supporting system upgrade

Eco Friendly design and engineering

Eco friendly

- Newly designed optical engine achieves **low Power consumption**, reducing approx. 20% vs. conventional model
- Maintenance free filter for up to **20,000hrs** allows low TCO until your next refreshment time
- **Multi-Laser Drive Engine** for continuous presentation in case of laser troubles

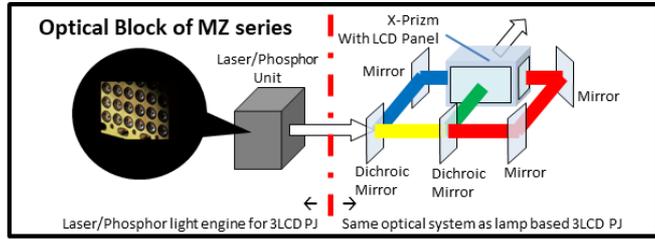
*Condition of 50% brightness drop under Operation mode "Normal", Dynamic Contrast "2", using IEC62087:2008 Broadcast contents, 30 degrees Celsius, altitude of 700m, dust 0.15 mg/m3

Long Life Design & Efficient Eco-Friendly Reliability

Reduced Energy Consumption

Approximately **20%** less energy consumption than other models in this category.

Multi-Laser Drive Engine and reusable Eco Filter **increase reliability** and **reduce maintenance** dramatically.



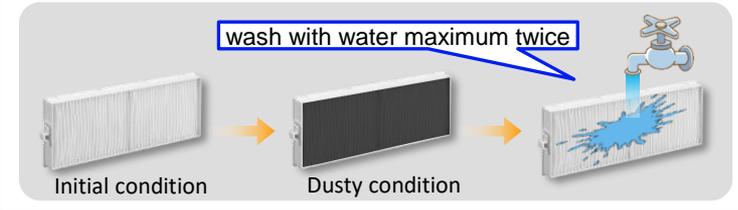
New efficient optical block results in approx. 20% lower power consumption

Low Maintenance 20,000-hour Operation

Projector maintenance is recommended at about **20,000** hours to **reduce time, cost, and effort** to your organization.

Long-life laser light-source eliminates hassles associated with lamp disposal (which sometimes contain specified toxic substances) and reduces your consumable parts inventory.

Maintenance free for up to 20,000hrs*1 with long-lasting Eco Filter



ECO Management System

Eco friendly

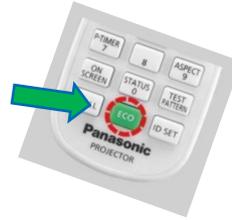
Panasonic
BUSINESS

ECO Management System

Energy efficiency is achieved by automatically reducing light-source power in dim rooms and by transitioning to a low-power mode when no input signal is detected.



These functions are readily accessed via a key (ECO) on the projector remote control



Light Output

To improve image stitching performance LD light output setting has been expanded.

Setting range : → **【8% - 100%】**

ECO MANAGEMENT	
LIGHT POWER	NORMAL
LIGHT OUTPUT	100%
AMBIENT LIGHT DETECTION	ON
SIGNAL DETECTION	ON
POWER MANAGEMENT	DISABLE
STANDBY MODE	NORMAL
QUICK STARTUP	OFF



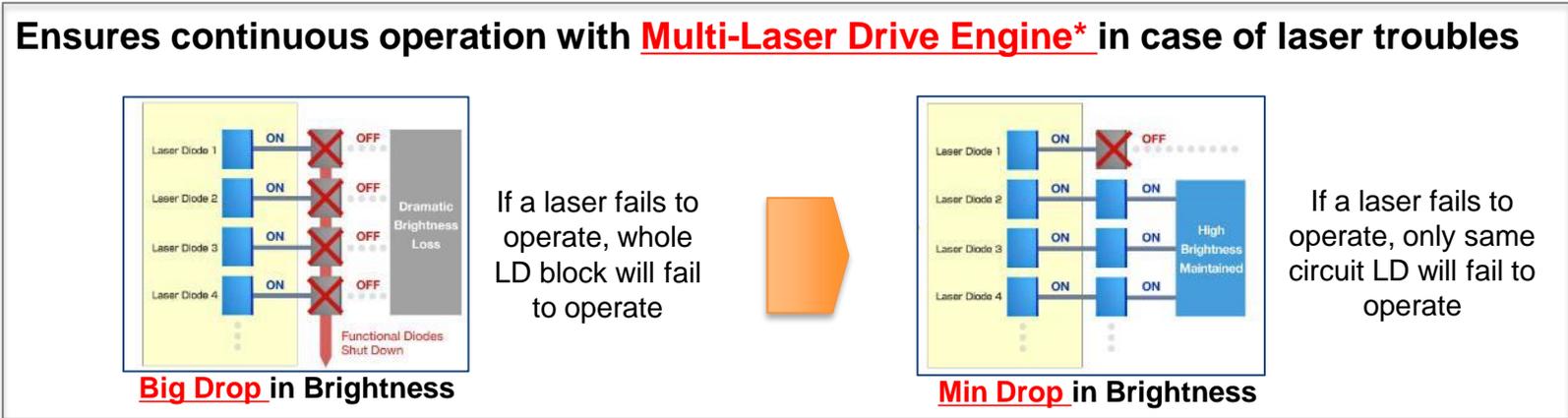
LIGHT OUTPUT	8%
	9%
	:
	100%

Multi-Laser Drive Engine with Failover Circuitry

Multi-Laser Drive Engine equips multiple laser modules and heat-resistant **inorganic phosphor-wheel** to enhance **projection stability** and efficiency.

The modules are equipped with proprietary **Failover Circuitry**.

If a single laser diode fails, some diodes are bypassed only. The show can go on !!!



Product Comparison

Eco friendly

Blue : Changes from MZ770 series

Panasonic
BUSINESS

Brand	Panasonic	NEC	NEC	Panasonic	EPSON	SONY	Panasonic	EPSON	SONY	
Model Number	PT-MZ880	NP-PA803UL	NP-PA804UL	PT-MZ780	EB-L1070U/1075U	VPL-FH275	PT-MZ680	EB-L1060U/1065U	VPL-FH266	
	 New Design	Available in limited region 	Available in limited region 	 New Design			 New Design	Available in limited region 		
Basic specification	Power consumption	<520W (100V TGT) <500W (200V TGT)	774W	615W	<439W (100V TGT) <416W (200V TGT)	439W (100 – 120V) 416W (200 – 240V)	<361W (100V TGT) <345W (200V TGT)	361W (100 – 120V) 345W (200 – 240V)	515W	
	Panel / Resolution	3LCD 0.76" WUXGA	3LCD 0.76" WUXGA	3LCD 0.76" WUXGA	3LCD 0.76" WUXGA	3LCD 0.76" WUXGA (4K enhancement)	3LCD 0.76" WUXGA	3LCD 0.76" WUXGA (4K enhancement)	3LCD 0.76" WUXGA	
	Brightness	8,000lm	8,000lm	7,500lm / 8,200lm (boost)	7,000lm	7,000lm	6,500lm	6,000lm	6,000lm	6,100lm
	Contrast ratio	3,000,000:1	2,500,000:1	3,000,000:1	3,000,000:1	2,500,000:1	=	3,000,000:1	2,500,000:1	=
	Operating noise	< 35dB (Normal/Eco) /28dB (Quiet) (TGT)	45dB (Normal) /35dB (Eco)	30dB (Normal) / 28dB (Eco) Boost mode: N/A	< 32dB (Normal/Eco) /26dB (Quiet) (TGT)	36dB (Normal) /30dB (Eco)	38dB (Normal) /36dB (Eco)	< 32dB (Normal/Eco) /26dB (Quiet) (TGT)	34dB/30dB	34dB (Normal) /28dB (Eco)
Reliability & Flexibility	Light source life	20,000H	20,000H	20,000H	20,000H	20,000H	20,000H	20,000H	20,000H	
	Lens Throw Ratio	UST 0.330-0.354:1 0.764:1/0.786-0.983:1/ 1.21-1.66:1/1.61-2.76:1/ 2.72-4.48:1/4.44-7.12:1	0.32:1 / 0.79 - 1.11:1 / 1.30 - 3.02:1 / 2.99 - 5.93:1	0.32:1 / 0.79 - 1.11:1 / 1.30 - 3.02:1 / 2.99 - 5.93:1	UST 0.330-0.354:1 0.764:1/0.786-0.983:1/ 1.21-1.66:1/1.61-2.76:1/ 2.72-4.48:1/4.44-7.12:1	0.35:1/0.65-0.78:1/ 0.87-1.06:1/1.04-1.46:1/ 1.45-2.32:1/3.31-5.07:1/ 4.87-7.39:1/7.1-10.12:1	0.33:1 / 0.65:1 / 0.85:1-1.00:1/ 1.00:1-1.39:1/ 2.34:1-3.19:1 / 3.18:1-4.84:1	UST 0.330-0.354:1 0.764:1/0.786-0.983:1/ 1.21-1.66:1/1.61-2.76:1/ 2.72-4.48:1/4.44-7.12:1	0.35:1/0.65-0.78:1/ 0.87-1.06:1/1.04-1.46:1/ 1.45-2.32:1/3.31-5.07:1/ 4.87-7.39:1/7.1-10.12:1	0.33:1 / 0.65:1 / 0.85:1-1.00:1/ 1.00:1-1.39:1 / 2.34:1-3.19:1 / 3.18:1-4.84:1
	Lens Shift area	V: ±67 %, H: ±35 %	V: +50 %, -10%, H: ±20 %	V: +50 %, -10%, H: ±20 %	V: ±67 %, H: ±35 %	V: ±67 %, H: ±30 %	V: +70 %, -5%, H: ±32 %	V: ±67 %, H: ±35 %	V: ±67 %, H: ±30 %	V: +60 %, -5%, H: ±32 %
	Terminal	D-Sub 15 Pin (IN x 1/OUT x 1), HDMI x 3 (CEC), DigitalLINK, Audio x 2, Remote x 2 (Serial x 1, mini x 1), RS232-C, USB (for charge), RJ-45, (Wireless: Option with WPS)	D-Sub 15 Pin (IN x 1), HDMI x 2, Display Port x 1, HDBaseT (IN x 1 / OUT x 1), Audio x 1, Remote x 1 (mini), RS232-C, USB, RJ-45	D-Sub 15 Pin (IN x 1), HDMI x 2, Display Port x 1, HDBaseT (IN x 1 / OUT x 1), Audio x 1, Remote x 1 (mini), RS232-C, USB, RJ-45	D-Sub 15 Pin (IN x 1/OUT x 1), HDMI x 3 (CEC), DigitalLINK, Audio x 2, Remote x 2 (Serial x 1, mini x 1), RS232-C, USB (for charge), RJ-45, (Wireless: Option with WPS)	D-Sub 15 Pin (IN x 1/OUT x 1), HDMI x 1, DVI-D x1, HDBaseT, Audio x 3, Remote x 1 (mini), RS232-C, USB (for wires only), RJ-45, (Wireless: Option)	D-Sub 15 Pin (IN x 1/OUT x 1), HDMI x 1, DVI-D (IN x 1, OUT x 1), HDBaseT, Audio x 1, Remote x 1 (mini), RS232-C, RJ-45	D-Sub 15 Pin (IN x 1/OUT x 1), HDMI x 3 (CEC), DigitalLINK, Audio x 2, Remote x 2 (Serial x 1, mini x 1), RS232-C, USB (for charge), RJ-45, (Wireless: Option with WPS)	D-Sub 15 Pin (IN x 1/OUT x 1), HDMI x 1, DVI-D x1, HDBaseT, Audio x 3, Remote x 1 (mini), RS232-C, USB (for wires only), RJ-45, (Wireless: Option)	D-Sub 15 Pin (IN x 1/OUT x 1), HDMI x 1, DVI-D (IN x 1, OUT x 1), HDBaseT, Audio x 1, Remote x 1 (mini), RS232-C, RJ-45
	Edge Blending	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Geo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	3D	No	Yes	Yes	No	No	No	No	No	No
	4K input	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
	24/7 Operation	Yes	No	No	Yes	Yes	No	Yes	Yes	No
	Operating temperature	0 °C – 45 °C (32 °F – 113 °F)	5 °C – 40 °C	5 °C – 40 °C	0 °C – 45 °C (32 °F – 113 °F)	0 °C – 45 °C (32 °F – 113 °F)		0 °C – 45 °C (32 °F – 113 °F)	0 °C – 45 °C (32 °F – 113 °F)	
Dimension (w/o lens)	561 x 190 x 437 mm (w/o lens & legs), (22 3/32 x 15 3/32 x 17 7/32 in)	580 (W) x 490 (D) x 205 (H) mm	599 (W) x 490 (D) x 208 (H) mm	561 x 190 x 437 mm (w/o lens & legs), (22 3/32 x 15 3/32 x 17 7/32 in)	545x164x436mm 21-15/32x6-15/32x17-5/32in 39L	460x169x515mm 18-1/8x6-21/32x20-9/32in 40L	561 x 190 x 437 mm (w/o lens & legs), (22 3/32 x 15 3/32 x 17 7/32 in)	545x164x436mm 21-15/32x6-15/32x17-5/32in 39L	460x169x515mm 18-1/8x6-21/32x20-9/32in 40L	
Weight w/o lens	Approx. 18.6kg (41lbs)	18.2kg	24.1kg	Approx. 18.6kg (41lbs)	15.6kg(34.4lbs)	16kg(35.3lbs)	Approx. 17.6kg (38.8lbs)	15.6kg(34.4lbs)	16kg(35.3lbs)	

Optional Accessories

Fixed Lens	Zoom Lenses for MZ880 Series					
ET-ELW21	NEW ET-ELU20	ET-ELW22	ET-ELW20	ET-ELS20*1	ET-ELT22	ET-ELT23
						
0.764	0.330-0.354	0.786-0.983	1.21-1.66	1.61-2.76	2.72-4.48	4.44-7.12

Available Sep 21

Ceiling Mount Bracket		Bracket Assembly	Replacement Filter Unit	DIGITAL LINK		Wireless Presentation System
High-Ceiling	Low-Ceiling			Switcher	Digital Interface Box	
ET-PKD120H	ET-PKD120S	ET-PKE301B	ET-RFM100	ET-YFB200G	ET-YFB100G	PressIT
				 	 	

Product Features

Installation

Data Cloning via LAN

Compatible with
Smart PJ Control App

Free 360 degree install

Color Adjustment

Auto Screen
Image Rotation

Operation

Eco Management System

Quick Start / Quick OFF

Scheduling function

Presentation Support
(Presentation timer, Freeze, Digital zoom)

Daylight View Basic

DICOM Simulation

Maintenance

MMCS (Multi Monitoring Control Software)

EWS (Early Warning Software)

Crestron Connected

AMX Compliant

PJ Link Compliant

Panasonic Business Homepages

Panasonic Consumer Business Support About Us See our Cookie Policy NEWS

Search Keyword

Professional Displays Products Solutions Case Studies Download Support **Contact Information**

Products & Solutions Professional AV Professional Displays TOP

Channel Professional Displays
Official Panasonic Professional Display related videos.

More info >

Share 10 LinkedIn Share Like

Products Preliminary Product Information **NEW** Product Finder

NEW

Indoor Signage Video Wall Outdoor Signage Touch Screen Options Software

Europe

<https://business.panasonic.co.uk/visual-system/>

Global / Worldwide

<https://panasonic.net/cns/prodisplays/>

<https://panasonic.net/cns/projector/>

Projector Lineup 2021

Panasonic
BUSINESS

Large-Venue



3-Chip DLP™ (SOLID SHINE)



PT-RQ50K



51,000lm (Center) /50,000 lm

Available from Nov. 2020

PT-RQ35K/RZ34K



31,000lm(Center)/30,000 lm

PT-RQ32K



27,000 lm(Center)/26,000 lm

PT-RQ22K



21,000(Center)/20,000 lm

PT-RQ13K



10,000 lm

PT-RZ31K/RS30K



31,000 lm(Center)/30,000 lm

PT-RZ21K/RS20K



21,000 lm(Center)/20,000 lm

PT-RZ12K/RS11K



12,000 lm

Installation



1-Chip DLP™ (SOLID SHINE)



PT-RCQ10 Series



8,400 - 10,500 lm(Center)
8,000 - 10,000 lm

PT-RZ120



12,600 / 8,800 lm(Center)
12,000 lm

PT-RZ990/RZ890



10,000 / 8,800 lm(Center)
9,400 / 8,500 lm

PT-RZ970 Series



10,000 - 10,400 lm(Center)
9,400 - 10,000 lm

PT-RZ870



8,800lm(Center)
8,500 lm

PT-RZ790/RZ690



6,200 - 7,200 lm(Center)
6,000 - 7,000 lm

PT-RZ770/RZ660



6,200 - 7,200 lm(Center)
6,000 - 7,000 lm

PT-FRZ60/FRZ50/FRZ55



5,200 - 6,200 lm(Center)
5,000 - 6,000 lm

PT-RZ570/RZ575



5,400 lm(Center)/5,200 lm
5,200 lm(Center)/5,000 lm

PT-MZ16K Series



10,000 - 16,000 lm

LCD (SOLID SHINE)



Available from May 2021

PT-MZ8800 Series



8,000 lm *Accept 4K

LCD (Lamp)

PT-EZ770 Series



6,500 - 7,500 lm

PT-EZ590 Series



5,000 - 6,200 lm

PT-FZ570 Series



4,500 - 5,000 lm

PT-JX200



2,000 lm

PT-JW130



1,000 lm

Portable / Short Throw



LCD

Portable

PT-VMZ60 Series



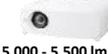
4,500 - 6,000 lm

PT-LB426 Series



3,100 - 4,100 lm

PT-VZ580 Series, VZ470



5,000 - 5,500 lm

PT-VW360 Series



4,000 - 4,500 lm

Short Throw

PT-TW381R Series



3,200 - 3,800 lm

1-Chip DLP™

NEW

PT-LRZ35 Series



3,500 lm

*1 Resolution 5120x3200 Pixels [Quad Pixel Drive: ON]

*2 Resolution 3840x2400 Pixels [Quad Pixel Drive: ON]

*3 HDMI/DIGITAL LINK Input

*4 4K input signal is converted to projector resolution(RC010),1920 x 1200(RZ120, MZ770), the number of display dot.(VMZ60)

Professional Display Line up 2021

Panasonic
BUSINESS

High Brightness

Standard

Entry

Video Wall

Interactive



(SQ1, SQ1H) (SQ1, SQ1H)



(98CQE1)



(VF2H/VF2)



(LFV9)



NEW
March 2021

SQ1H



NEW
Dec 2020-March 2021

SQ1



SQE1



NEW
Dec 2020-March 2021

CQE1



VF2H



LFV9



VF2



InfraRed

NEW
April 2021

SQE1-IR



InGlass

SQ1-IG



NEW
April 2021

CQE1-IR



NEW
April 2021

SQE1-IG

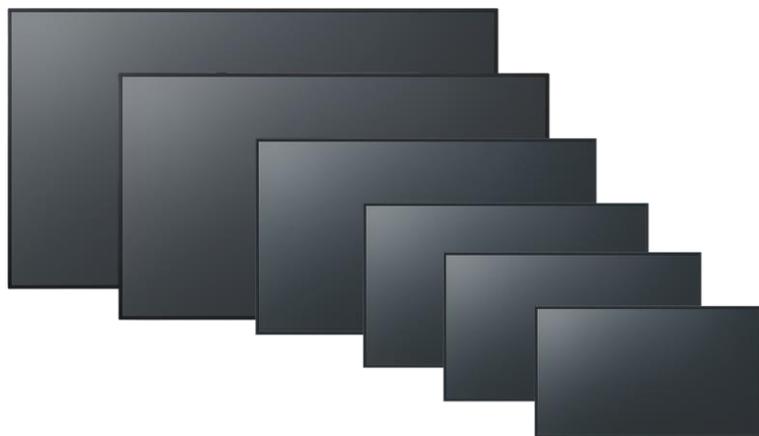




For Projector & Display

NEW **PressIT**

Wireless Presentation System
TY-WPS1(basic package)



Thank you very much