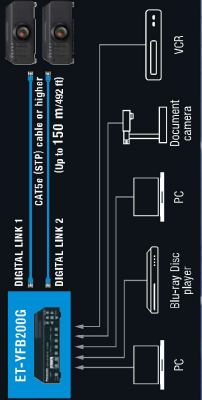


Easy System Flexibility

Single-Cable DIGITAL LINK Control and Video Connection

Upward HDBase™™-compatible DIGITAL LINK supports transmission of uncompressed Full HD video and control commands through a single CAT 5e or higher STP cable for distances of up to 150 m (492 ft)*. Add an optional DIGITAL LINK Switcher or Digital Interface Box to further simplify installation in large venues while reducing cost and improving reliability at the same time.

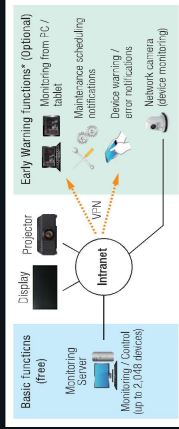


Supports Art-Net DMX, Crestron Connected™, and P2Link™

The RZ790 Series is compatible with Art-Net DMX protocol for lighting management. This allows the projector to be connected to a lighting console, opening the door to a range of added functionality and control options. The included LAN/DIGITAL LINK terminal also supports Crestron Connected™ and P2Link™ (Class 1) for easy integration of these projectors into an existing AV network utilizing multiple device brands.

Multi-Monitoring & Control Software

Panasonic Multi-Monitoring & Control Software supports up to 2,048 devices to be registered. The free software is available with Early Warning functions (automatic free 90-day trial available). These advanced functions enable real-time monitoring, abnormality detection, and notification before servicing is required. Administrators can achieve seamless control and real-time monitoring while preventing potential problems, saving time, and enhancing system reliability.



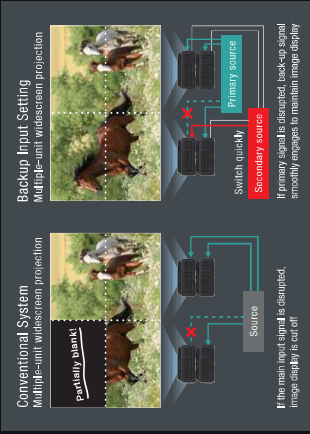
* Software functionality varies depending on the model.

Quick Start and Quick Off

The laser light-source doesn't require any warm-up, so images appear almost instantly (in about one second*) with RZ970 Series projectors. There's also no cool-down period needed when turning the power off at the mains—the projector can be turned on and off any time as necessary.

Backup Input Setting Optimizes Performance

This feature allows smooth switching to a backup input signal should the primary signal be disrupted**, guaranteeing reliability for mission-critical control rooms, projection mapping, staging, and in other applications where image display must be maintained.

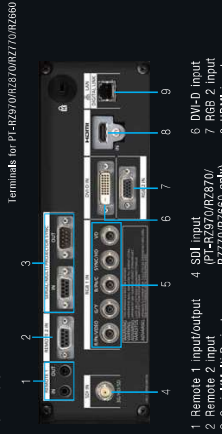


Other Valuable Features

- Web Browser Control
- Quiet Mode to reduce operational noise
- On-screen menu rotatable in Portrait Mode
- DiCOW Simulation Mode*[†]
- Remote 7/9 Mode for HDV projection to provide accurate colors
- Customizable start-up logo
- ID assignment for up to 64 units
- Built-in test pattern

* 150 m (492 ft) transmission available only in Loop Back Mode with optional EX-EP0205C DIGITAL LINK Switcher for signals up to 100MHz (out-back frequency 145.2 MHz). Transmission distance is up to 100 m (328 ft) in other cases. ** With Quick Start Mode set to ON, Quick Start Mode results in an instant image, but the projector continues to warm up. Inevitable power consumption. Image Start in about 10 seconds in Loop Back Mode and about 12 seconds in Eco Stability Mode. † Combination of primary/secondary input terminals is fixed. The Backup Input Setting is enable only when the Inpt. signal to the Primary and Secondary input terminals is not disabled. Do not use for real medical diagnosis. †† The Picture-in-Picture function cannot be used with certain inputs and input signals.

Terminals



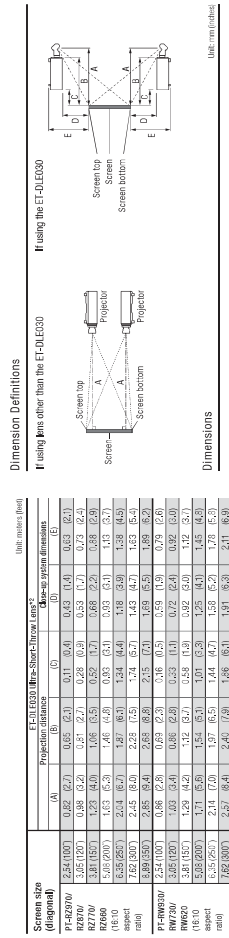
- 1 Remote 1 input/output
- 2 RS232C input
- 3 Sync input/output
- 4 5/6/7 input/output
- 5 RGB 1 input
- 6 RS232C/RS485
- 7 RS232C/RS485
- 8 HDMI input
- 9 RS232C

Optional Accessories

Note: Use ET-POD120H, ET-POD20S, and ET-POD130H in combination with ET-POD130B. ET-POD130H is recommended when used with ET-DLE050.

Projection Distances

Screen size (diagonal)	Distance to screen (A)								
	Zoom lenses			Zoom lenses			Zoom lenses		
	E4-E9	E10-E16	E17-E21	E22-E26	E27-E31	E32-E36	E37-E41	E42-E46	E47-E51
ET-RZ970	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ870	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ700	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ600	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ500	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ400	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ300	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ200	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ100	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ050	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)
ET-RZ025	1.27 (0.00)	1.52 (0.00)	1.77 (0.00)	2.02 (0.00)	2.27 (0.00)	2.52 (0.00)	2.77 (0.00)	3.02 (0.00)	3.27 (0.00)



† Optical axis shift cannot be operated when using L-CD055. ‡ Optical axis is fixed to center when using L-CD056.

Specifications

Model	With supplied lens	PT-RZ970	PT-RW930	PT-RX110	PT-RZ870	PT-RZ770	PT-RW730	PT-RZ660	PT-RW620		
	Without lens	PT-RZ970L	PT-RW930L	PT-RX110L	PT-RZ870L	PT-RZ770L	PT-RW730L	PT-RZ660L	PT-RW620L		
Projector type											
1-Chip DLP™ projector											
DLP™ chip	Panel size	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)	16.5 mm (0.65 in) diagonal (16:10 aspect ratio)	17.8 mm (0.7 in) diagonal (4:3 aspect ratio)	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)			16.5 mm (0.65 in) diagonal (16:10 aspect ratio)	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)	16.5 mm (0.65 in) diagonal (16:10 aspect ratio)	
	Display method	DLP™ chip x 1									
	Pixels	2,304,000 (1920 x 1200) pixels	1,024,000 (1280 x 800) pixels	786,432 (1024 x 768) pixels	2,304,000 (1920 x 1200) pixels			1,024,000 (1280 x 800) pixels	2,304,000 (1920 x 1200) pixels	1,024,000 (1280 x 800) pixels	
Light source											
Laser diodes: Laser Class 1 (Class 3R for US models)											
Brightness*1	10,000 lm (Center)*2 9,400 lm*3 8,000 lm (Quiet 1)*2 6,000 lm (Quiet 2)*2		10,400 lm (Center)*2 10,000 lm*3 8,500 lm (Quiet 1)*2 6,400 lm (Quiet 2)*2		8,800 lm (Center)*2 8,500 lm*3 7,200 lm (Quiet 1)*2 5,400 lm (Quiet 2)*2		7,200 lm (Center)*2 7,000 lm*3		6,200 lm (Center)*2 6,000 lm*3		
Resolution	1920 x 1200 pixels	1280 x 800 pixels	1024 x 768 pixels	1920 x 1200 pixels			1280 x 800 pixels	1920 x 1200 pixels	1280 x 800 pixels		
Contrast*2	10,000:1 (Full On/Full Off, Dynamic Contrast Mode: 3)										
Screen size (diagonal)	1.27–15.24 m (50–600 in), 1.27–5.08 m (50–200 in) with ET-DLE055, 2.54–8.89 m (100–350 in) with ET-DLE030										
Center-to-corner uniformity*2	90 %										
Lens	Powered zoom	1.7–2.4:1	1.8–2.5:1		1.7–2.4:1			1.8–2.5:1	1.7–2.4:1	1.8–2.5:1	
	Powered focus	F 1.7–1.9, f 25.6–35.7 mm									
Optical axis shift*4,5	Vertical (powered) (from center of screen)	+50 %, -16 %	+60 %, -16 %	+50 %, -13 %	+50 %, -16 %			+60 %, -16 %	+50 %, -16 %	+60 %, -16 %	
	Horizontal (powered) (from center of screen)	+30 %, -10 %									
Keystone correction range*4	Vertical: ±40° Horizontal: ±15° Except ET-DLE105/085/055/03										
Keystone correction range*4,6 with optional Upgrade Kit ET-UK20	Vertical: ±40° Horizontal: ±40°	—	—	Vertical: ±40° Horizontal: ±40°			—	Vertical: ±40° Horizontal: ±40°	—		
Installation											
Ceiling/floor, front/rear, free 360-degree installation											
Terminals	SDI IN	BNC x 1: 3G/HD/SD-SDI input	—	—	BNC x 1: 3G/HD/SD-SDI input			—	BNC x 1: 3G/HD/SD-SDI input	—	
	HDMI IN	HDMI 19-pin x 1 (Compatible with HDCP, Deep Color)									
	DVI-D IN	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, single link)									
	RGB 1 IN	RGB x 1 (BNC x 5): RGB/YpPr/YcCr/Yc/VIDEO									
	RGB 2 IN	D-sub HD 15-pin (female) x 1: RGB/YpPr/YcCr									
	SERIAL/MULTIPROJECTOR SYNC IN	D-sub 9-pin (female) x 1 for contrast sync/shutter sync (RS-232C compliant)									
	SERIAL/MULTIPROJECTOR SYNC OUT	D-sub 9-pin (male) x 1 for contrast sync/shutter sync (RS-232C link control)									
	REMOTE 1 IN	M3 stereo mini jack x 1 for remote control (wired)									
	REMOTE 1 OUT	M3 stereo mini jack x 1 for projector connection control									
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)									
DIGITAL LINK/LAN	RJ-45 x 1 for network, DIGITAL LINK connection, 100Base-TX, compatible with Art-Net, PLink™, Deep Color, HDCP										
Power supply											
AC 100–240 V, 50/60 Hz											
Power consumption*7	1,050 W Normal: 742 W Eco: 617 W				950 W Normal: 689 W Eco: 583 W		825 W Normal: 593 W Eco: 508 W		700 W Normal: 499 W Eco: 428 W		
	(During standby) 85 W with Quick Startup Mode set to ON, 0.3 W with Standby Mode set to Eco, 3 W with Standby Mode set to Normal										
Dimensions (W x H x D)	With standard Lens	498 x 200 ⁸ x 581 mm (19 19/32" x 7 7/8" ⁸ x 22 7/8")									
	Without Lens	498 x 200 ⁸ x 538 mm (19 19/32" x 7 7/8" ⁸ x 21 3/16")									
Weight*9	With standard Lens	Approx. 23.2 kg (51.1 lbs.)							Approx. 23.1 kg (50.9 lbs.)		
	Without Lens	Approx. 22.4 kg (49.4 lbs.)							Approx. 22.3 kg (49.2 lbs.)		
Cabinet materials											
Molded plastic											
Cabinet color											
Black / White											
Operation noise*3	41 dB / 37 dB (Quiet 1) / 35 dB (Quiet 2)					36 dB			35 dB		
Operating environment											
Operating temperature: 0–45 °C (32–113 °F)*10, operating humidity: 10–80 % (no condensation)											
Applicable software											
Logo Transfer Software, Multi Monitoring & Control Software, Geometry Manager Pro											
Supplied accessories											
Power cord, wireless/wired remote control unit, batteries (R03/AAA type x 2), CD-ROM (Operating instruction, Logo Transfer Software*11, Multi Monitoring & Control Software*11), projection lens cover, lens cover (models with lens only)											

*1 Value is for the supplied standard zoom lens. The value varies depending on the lens. *2 The value of the light output at the center region of the projected image is extracted based on the light output measurement method defined by the ISO/AEC 21118:2012 international standards. *3 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118:2012 international standards. *4 Figures vary depending on lens used. Please refer to Spec File or Operating Instructions. *5 Optical axis shift is not supported on the ET-DLE055, and the optical axis is fixed with the ET-DLE030. *6 When vertical and horizontal keystone are used simultaneously, correction cannot be made exceeding total of 55°. *7 In conditions with an operating temperature of 25 °C (77 °F), altitude 700 m [2,297 ft], IEC62087:2008 Broadcast Content, Picture Mode: Standard, Dynamic Contrast: 2. *8 With legs at shortest position. *9 Average value. May differ depending on the actual unit. *10 When used in locations from 0 m to 4,200 m (0 ft to 13,780 ft) above sea level in Normal Mode, and from 0 m to 2,700 m (0 ft to 8,858 ft) above sea level in other modes. If the ambient temperature exceeds 35 °C (95 °F) [30 °C (86 °F) for PT-RZ970/RW930/RX110] when used in locations from 0 m to 2,700 m (0 ft to 8,858 ft) above sea level, or if it exceeds 25 °C (77 °F) when used in locations from 2,700 m to 4,200 m (8,858 ft to 13,780 ft) above sea level, the light output may be reduced to protect the projector. *11 Not included with PT-RZ870. Please download from our global website: <https://panasonic.net/cns/projector/download/application/>

Note: Hatch area is the numerical value of the supplied standard lens.

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