

# LampFree®



# XJ-UT310WN ULTRA SHORT THROW SERIES

CASIO Ultra Short Throw series projectors projects bright, crisp, images at close range with a full assortment of connectivity & features

LampFree® Projector



## LampFree Benefits:

- 3100 Lumens
- Ultra Short Throw Ratio (0.28:1)
- RJ-45 Wired LAN
- Auto Brightness Adjustment
- Built-in 16w Speaker
- DLP Technology

## LampFree Features:

- Laser & LED Hybrid Light Source
- Mercury Free
- Quick Start (8 seconds to full brightness)

Closed Captioning
Expanded input/output connectivity —

DLP 3D Ready

- 2 RGB input, 1 RGB output, video, HDMI, RS-232C, audio in/out, mic in 1 USB A/B, 1 USB Display and 1 RJ-45 Wired LAN
- Instant Off no cool down required
- 20,000 Hour Operating Life
- No Lamp Replacement

#### USB:

• Wireless presentations from PC or Mac

DLP

POWFR

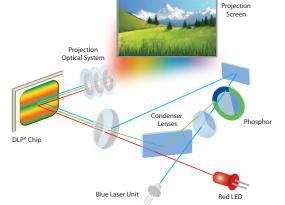
- Built-in memory: 2GB
- Logo Capture start up screen
- Presentations from your thumb drive
- USB display: send video to the projector from almost any device via an inexpensive USB cable
- No Down Time
- Low Power Consumption
- Intelligent Brightness Control

# Low Carbon Footprint:

Eco Mode can save as much as 50%, and we link it to an ambient light sensor, producing great images by automatically adjusting the projector brightness to the brightness of the room.

## Warranty Information:

3 year warranty on the projector and 3 years (or 6,000-hour usage) on the light source. Education market -3 year warranty on the projector or 5 years (10,000 hour usage) on the light source.



\* Extended Use Applications are defined as operation of 10 hours per day for 5 or more days per week. Under these conditions the light source warranty is one (1) year or 6000 hours.

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# XJ-UT310WN

# LampFree®

CASIO Projector	
Specifications	Ultra Short Throw Series XJ-UT310WN
	WXGA
Native Resolution	1280x800
Native Aspect Ratio	16:10
Brightness	3100 lumens
Display Device	0.65-inch DLP® chip
Contrast Ratio	1800:1
Lens Type	Fixed/Manual Focus
Lens Specs F/f	F2.3/f4.2mm
Lens Offset	68%
Light Source	Casio Laser & LED Hybrid (Up to 20,000 Hours)
Screen Size (Min-Max)	50 to 110-inch diagonal
Projection Range	
60-inch screen	18.8" (77' W screen)
100-inch screen	21.5" (87' W screen)
Minimum Throw Distance	11.5" (50' W diagonal)
	-
Throw Ratio	0.28:1
Keystone Correction	Vertical + or - 5°(Manual)
Color Reproduction	Full color (16.77 million colors)
Power Source	AC100~240V, 50/60Hz
Power Consumption	230 watts- Eco Mode "off"
	Bright sected / 110 watts
	Eco Mode "Eco 5" Selected
Standby	0.12 w (LAN OFF), 2.3 w (LAN ON)
TERMINAL CONNECTIVITY	
Video Signal Compatibility	
Video Systems	NTSC/ PAL/ PAL-N/ PAL-N/ PAL60/ SECAM
DTV/HDTV	480i/480P/576i/576P/720P/1080i/1080p
Maximum Computer Input	UXGA (1600 x 1200)
INPUTS	
RGB/Component Video Input	mini D-Sub 15 pin x 1 (Also use as YCbCr/YPbPr input— commercially available adapter required)
HDMI	HDMI Type A x 1 (480p~1080p)
USB Display	Yes
Composite Video	Composite Video (RCA) x 1, S-Video x 1
Audio	RCA (R/L) x1, Stereo mini x 2
Built-in Memory	2GB (PDF, JPEG, BMP, PNG, GIF, AVI, MOV, MP4)
USB	Type A (USB2.0) x1 / Type B(USB2.0) x1
Laws Transfer	Micro B(USB1.1) x1
Logo Transfer	MICO B(OSD1.1) XI
Wireless Capability	
Wireless Capability IEEE802.11 b/g/n compatible	Wireless LAN Adapter (YW-40) included
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS	Wireless LAN Adapter (YW-40) included
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible)	Wireless LAN Adapter (YW-40) included
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible)	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modem) required)
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 LAN Control System Compatibility	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modem) required) RJ-45 x 1
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modem) required) RJ-45 x 1
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Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modern) required) RJ-45 x 1 AMX, Crestron, Extron, SP Controls, PJLink 41~95°F / 20~80% (non condensation)
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Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal Control Terminal RS-232 Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidty High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modem) required) RJ-45 x 1 AMX, Crestron, Extron, SP Controls, PJLink 41~95°F / 20~80% (non condensation) Yes (for operation 5,000~10,000 ft) Yes – Note: Projector must be turned off once every 24 hours No 16.4 ft Maximum
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUD10 AND CONTROL SYSTEMS Audio system Control Terminal RS-232 Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modem) required) RJ-45 x 1 AMX, Crestron, Extron, SP Controls, PJLink 41~95°F / 20~80% (non condensation) Yes (for operation 5,000~10,000 ft) Yes – Note: Projector must be turned off once every 24 hours No 16.4 ft Maximum Kensington <sup>™</sup> Compatible / Power On Password
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Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal Control Terminal RS-232 Control System Compatibility OTHER INFORMATION Usage Environment Usage Environment Usage Environment Usage Environment Coperating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mountable	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modem) required) RJ-45 x 1 AMX, Crestron, Extron, SP Controls, PJLink 41-95°F / 20-80% (non condensation) Yes (for operation 5,000-10,000 ft) Yes – Note: Projector must be turned off once every 24 hours No 16.4 ft Maximum Kensington™ Compatible / Power On Password Yes (YM-80 Optiona) (Type x Qty) M4 x 4, not included (Insert depth 5-8 mm) 3 years Parts and Labor plus 3 years or 6,000 hours. Bidt Source, see Warranty Statement included with product for complete details. Wireless remote control, YW-40 Wireless adapter, 6' RGB cable, 6' AC Power Cord, Cable Cover and Setup Manual (Printed)
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Wireless Capability IEEE802.11 b/g/n compatible Audio Microphone (dynamic compatible) AUD10 AND CONTROL SYSTEMS Audio system Control Terminal RS-232 Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mount Screws Limited Warranty Included Accessories Included Software Optional Accessories	Wireless LAN Adapter (YW-40) included Stereo Mini x 1, Mini D-sub 15 pin x 1 3.5 mm Minijack 16W x1 Monaural Speaker RS-232C (D sub 9 pin) x 1 Cross Cable (Null Modem) required) RJ-45 x 1 AMX, Crestron, Extron, SP Controls, PJLink 4195°F / 2080% (non condensation) Yes (for operation 5,000-10,000 ft) Yes – Note: Projector must be turned off once every 24 hours No 16.4 ft Maximum Kensington™ Compatible / Power On Password Yes (YM 8.0 Optional) (Type x Qty) M4 x 4, not included (Insert depth 5-8 mm) 3 years Parts and Labor plus 3 years or 6,000 hours light source, see Warranty Statement included with product for complete details. Wireless remote control, YW-40 Wireless adapte; 6° RG bable, 6° AC Power Cord, Cable Cover and Setup Manual (Printed) Network Comection (Windows® and Mac) EZ-Converter FA (Windows®)
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mountable Ceiling Mountable Ceiling Mountable Ceiling Mountable Ceiling Mountable Ceiling Mount Screws Limited Warranty Included Accessories Included Software Optional Accessories Cabinet Color Dimension (W x D x H)	Wireless LAN Adapter (YW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         R5-232C (D sub 9 pin) x 1         Cross Cable (Null Modem) required)         RJ-45 x 1         AMX, Crestron, SP Controls, PJLink         4195°F / 20-80% (non condensation)         Yes (for operation 5,000-10,000 ft)         Yes - Note: Projector must be turned off once every 24 hours         No         16.4 ft Maximum         Kensington <sup>10</sup> Compatible / Power On Password         Yes (YM-80 Optional)         (Type x Qty) MA x 4, not included (insert depth 5-8 mm)         3 years Parts and Labor plus 3 years or 6,000 hours light source, see Warranty Statement included with product for complete details.         Wireless remote control, YW-40 Wireless adapter, 67 RGs Cable, 67 AC Power (C, Cable Cover and Setup Manual (Printed)         Neveron Connection         (Windows®) and Mac) EZ-Converter FA (Windows®)         Wall Mount (YM-80) Active Shutter 3D Glasses (YA-G30) 2D-3D Conversion Software (YA-D30)         White / Gray Trim
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mount Screws Limited Warranty Included Accessories Included Software Optional Accessories Cabinet Color Dimension (W x D x H)	Wireless LAN Adapter (YW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         RS-232C (D sub 9 pin) x 1         Cross Cable (Null Modem) required)         RV-45 x 1         AMX, Crestron, Extron, SP Controls, PJLink         41-95°F / 20-80% (non condensation)         Yes (for operation 5,000~10,000 ft)         Yes - Note: Projector must be turned off once every 24 hours         No         16.4 ft Maximum         Kensingtom <sup>®</sup> Compatible / Power On Password         Yes (VM-80 Optional)         (Type x Qty) M4 x 4, not included (Insert depth 5-8 mm)         3 years Parts and Labor plus 3 years of (SODO scale), 6' AC Power Cord, Cable Cover and Setup Manual (Printed)         Network Connection         (Wireless remote control, VW-40 Wireless adapter, 6' RGB cable, 6' AC Power Cord, Cable Cover and Setup Manual (Printed)         Network Connection         (Windows®) and May E2-Converter FA (Windows®)         Wall Mount (YM-80) Active Shutter 3D Glasses (YA-G30) 2D-3D Conversion Software (YA-D30)         White / Gary Trim         16.5 x 13.1 x 6.0 in
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mount Screws Limited Warranty Included Accessories Included Software Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections	Wireless LAN Adapter (YW-40) included         Stereo Minix 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         Cross Cable (Null Modem) required)         R5-232C (D sub 9 pin) x 1         Cross Cable (Null Modem) required)         R45 x 1         AMX, Crestron, Extron, SP Controls, PILink         41-95% / 20-80% (non condensation)         Yes (for operation 5,000-10,000 ft)         Yes – Note: Projector must be turned off once every 24 hours         No         16.4 ft Maximum         Kensington <sup>TM</sup> Compatible / Power On Password         Yes (YM-80 Optional)         (Type x Oty) M4 x 4, not included (insert depth 5-8 mm)         3 years Parts and Labor plus 3 years or 6,000 hours light source, see Warranty Statement included with product for complete details.         Wireless remote control, YW-40 Wireless adapter, 6' K68 Cable, 6' K Convection         Network Connection         (Windows®) and Mac) EZ-Converter FA (Windows®)         Wall Mount (YM-80) Active Shutter 3D Glasses (YA-630) 2D-3D Conversion Software (YA-D30)         White / Gray Trim         16.5 x 13.1 x 6.0 in         16.5 x 13.1 x 5.6 in
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mount Screws Limited Warranty Included Accessories Included Software Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections Weight	Wireless LAN Adapter (YW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         RS-232C (D sub 9 pin) x 1         Cross Cable (Null Modem) required)         RV-45 x 1         AMX, Crestron, Extron, SP Controls, PJLink         41-95°F / 20-80% (non condensation)         Yes (for operation 5,000~10,000 ft)         Yes - Note: Projector must be turned off once every 24 hours         No         16.4 ft Maximum         Kensingtom <sup>®</sup> Compatible / Power On Password         Yes (VM-80 Optional)         (Type x Qty) M4 x 4, not included (Insert depth 5-8 mm)         3 years Parts and Labor plus 3 years of (SODO scale), 6' AC Power Cord, Cable Cover and Setup Manual (Printed)         Network Connection         (Wireless remote control, VW-40 Wireless adapter, 6' RGB cable, 6' AC Power Cord, Cable Cover and Setup Manual (Printed)         Network Connection         (Windows®) and May E2-Converter FA (Windows®)         Wall Mount (YM-80) Active Shutter 3D Glasses (YA-G30) 2D-3D Conversion Software (YA-D30)         White / Gary Trim         16.5 x 13.1 x 6.0 in
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mount Screws Limited Warranty Included Accessories Included Accessories Included Software Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections Excluding Projections	Wireless LAN Adapter (WW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         R5-232C (D sub 9 pin) x 1         Cross Cable (Null Modern) required)         R45 x1         AMX, Crestron, Extron, Extron, Stron, SP Controls, PILink         41-95°F / 20-80% (non condensation)         Yes (for operation 5,000-10,000 ft)         Yes (MWW AWW AND ADD ADD ADD ADD ADD ADD ADD ADD ADD
Wireless Capability         IEEE802.11 b/g/n compatible         OUTPUTS         Audio         Microphone (dynamic compatible)         AUDIO AND CONTROL SYSTEMS         Audio system         Control Terminal         Control System Compatibility         OTHER INFORMATION         Usage Environment         Operating Temp/Humidty         High Altitude Mode         Extended operation (24 x 7)         Rotation Projection         Remote Control Range         Security Compatibility         Ceiling Mountable         Ceiling Mount Screws         Limited Warranty         Included Accessories         Included Software         Optional Accessories         Cabinet Color         Dimension (W x D x H)         Including Projections         Excluding Projections         Veight         Packing Information	Wireless LAN Adapter (YW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         R5-232C (0 sub 9 pin) x 1         Cross Cable (Null Modem) required)         R45 x 1         AMX, Crestron, Extron, SP Controls, PJLink         41 - 95°F / 20 - 80% (non condensation)         Yes (for operation 5,000–10,000 ft)         Yes (A not included (inser depth 5-8 mm)         16.4 ft Maximum         Kensington <sup>W</sup> Compatible / Power On Password         Yes (YM 80 Optional)         (Type x Qty) M4 x4, not included (insert depth 5-8 mm)         3 years Parts and Labor plus 3 years or 6,000 hours light source, see Warranty Statement included with product for complete details.         Wireless remote control, YW-40 Wireless adapter, 6° K6B cable, 6° AC Power Cord, Cable Cover and Setup Manual (Printed)         Network Connection         (Windows89) and Wa2 (E-2-Corverter F4 (Windows89)         Wall Mount (YM-80) Active Shutter Shuter Shutter Shutter Shuter Shutter Shutter Shutter Shutter Shutte
Wireless Capability         IEEE802.11 b/g/n compatible         OUTPUTS         Audio         Microphone (dynamic compatible)         AUDIO AND CONTROL SYSTEMS         Audio system         Control Terminal         RS-232         Control System Compatibility         OTHER INFORMATION         Usage Environment         Operating Temp/Humidity         High Altitude Mode         Extended operation (24 x 7)         Rotation Projection         Remote Control Range         Security Compatibility         Ceiling Mountable         Ceiling Mount Screws         Linnited Accessories         Included Accessories         Included Software         Optional Accessories         Cabinet Color         Dimension (W x D x H)         Minduding Projections         Excluding Projections	Wireless LAN Adapter (WW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         R5-232C (D sub 9 pin) x 1         Cross Cable (Null Modern) required)         R45 x1         AMX, Crestron, Extron, Extron, Stron, SP Controls, PILink         41-95°F / 20-80% (non condensation)         Yes (for operation 5,000-10,000 ft)         Yes (MWW AWW AND ADD ADD ADD ADD ADD ADD ADD ADD ADD
Wireless Capability         IEEE802.11 b/g/n compatible         OUTPUTS         Audio         Microphone (dynamic compatible)         AUDIO AND CONTROL SYSTEMS         Audio system         Control Terminal         Control System Compatibility         OTHER INFORMATION         Usage Environment         Operating Temp/Humidty         High Altitude Mode         Extended operation (24 x 7)         Rotation Projection         Remote Control Range         Security Compatibility         Ceiling Mount Screws         Limited Warranty         Included Accessories         Included Software         Optional Accessories         Cabinet Color         Dimension (W x D x H)         Including Projections         Excluding Projections	Wireless LAN Adapter (YW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         R5-232C (0 sub 9 pin) x 1         Cross Cable (Null Modem) required)         R45 x 1         AMX, Crestron, Extron, SP Controls, PJLink         41 - 95°F / 20 - 80% (non condensation)         Yes (for operation 5,000–10,000 ft)         Yes (A not included (inser depth 5-8 mm)         16.4 ft Maximum         Kensington <sup>W</sup> Compatible / Power On Password         Yes (YM 80 Optional)         (Type x Qty) M4 x4, not included (insert depth 5-8 mm)         3 years Parts and Labor plus 3 years or 6,000 hours light source, see Warranty Statement included with product for complete details.         Wireless remote control, YW-40 Wireless adapter, 6° K6B cable, 6° AC Power Cord, Cable Cover and Setup Manual (Printed)         Network Connection         (Windows89) and Wa2 (E-Corverter F4 (Windows89)         Wall Mount (YM-80) Active Shutter Shutte
Wireless Capability IEEE802.11 b/g/n compatible OUTPUTS Audio Microphone (dynamic compatible) AUDIO AND CONTROL SYSTEMS Audio system Control Terminal RS-232 Control Terminal RS-232 LAN Control System Compatibility OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceilin	Wireless LAN Adapter (WW-40) included         Stereo Mini x 1, Mini D-sub 15 pin x 1         3.5 mm Minijack         16W x1 Monaural Speaker         RS-232C (D sub 9 pin) x 1         Cross Cable (Null Modern) required)         RH-45 x 1         AMX, Crestron, Extron, SP Controls, PILink         41-95°F / 20-80% (non condensation)         Yes - Note: Projector must be turned off once every 24 hours         No         16.4 ft Maximum         Kensington* Con Password         Yes - Note: Projector must be turned off once every 24 hours         No         16.4 ft Maximum         Kensington* Compatibility / Power On Password         Yes (YM-80 Optional)         (Type x Optimalitie) / Power On Password         Yes (YM-80 Optional)         (Type x Optimality - Fower Con, Cable Cover and Setup Manual (Printed)         Network Connection         (Wireless remote control, VW-40 Wireless adapter, 6' RGB cable, 6' AC Power Cord, Cable Cover and Setup Manual (Printed)         Network Connection         (Windows@)         Wall Mount (VM-80) Active Shutter 3D Glasses (YA-630) 2D-3D Conversion Software (YA-D30)         White / Gray Tim         16.5 x 13.1 x 5.6 in         12.1 Ibs

