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Epson EMP-410W Multimedia Projector Specification Sheet

Less shadow and less space. Ultra short focus projector

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|--|---|--|
| PRODUCT TYPE | Entry Level Multimedia Projectors | |
| PRODUCT NAME | EMP-410W | |
| PRODUCT CODE | V11H330053 | |
| PROJECTION SYSTEM | RGB Liquid Crystal Shutter Projection System | |
| PROJECTION METHOD | Front / Rear / Ceiling Mount | |
| SPECIFICATION OF MAIN PARTS | | |
| LCD | Size | 0.59 inches with MLA (D7) |
| | Driving method | Poly-Silicon TFT Active Matrix |
| | Pixel number | 1,024,000 pixels (1280 x 800) x 3 |
| | Native resolution | WXGA |
| | Aspect ratio | 16:10 (which covers 16:9 and 4:3) |
| | Pixel arrangement | Cross Stripe |
| | Refresh Rate | 50Hz-60Hz |
| PROJECTION LENS | Type | Digital zoom / Manual focus |
| | F-number | 1.8 |
| | Focal length | 6.48mm |
| LAMP | Zoom ratio | 1.0 - 1.35 (Digital) |
| | Type | 170W UHE E-TORL |
| | Life | 4000Hr (Low Brightness)# 3000Hr (High Brightness)# |
| OPTICAL SYSTEM | Dichroic Mirror Separation & Prism combine method | |
| SCREEN SIZE (PROJECTED DISTANCE) | 50 to 110 inch [0.54 to 1.22 m] | |
| BRIGHTNESS | | |
| | High Brightness Mode | 2000 lumens (Colour mode: Game) |
| | Low Brightness Mode | 1420 ANSI lumens (Colour mode: Game) |
| CONTRAST | 500:1 | |
| BRIGHTNESS UNIFORMITY | 85% (Typ.) | |
| COLOUR REPRODUCTIVITY | Full colour (16.77 million colours) | |
| VIDEO QUALITY | Simple Interlace - Progressive conversion | |
| SOUND OUTPUT | 10W monaural | |
| EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG) | | |
| PIXEL CLOCK | 13.5MHz to 162MHz up to UXGA 60Hz | |
| HORIZONTAL | 15KHz to 92KHz | |
| VERTICAL | 50Hz to 85Hz | |
| ADJUSTMENT FUNCTION | | |
| PROJECTOR / REMOTE CONTROL | Brightness / Contrast / Tint / Saturation / Sharpness / Input Signal / Colour Temperature / Tracking / Position / Sharpness / Volume etc... / | |
| FOOT ADJUSTER | Front-centre | |
| TILT ANGLE | 0 to 13 degrees | |
| KEystone CORRECTION | Vertical: +/- 15 degrees | |
| PASSWORD PROTECTED FUNCTION (security function) | Yes | |
| ANALOGUE RGB I/O | | |
| DISPLAY PERFORMANCE | Native | 1280 x 800 pixels |
| INPUT SIGNAL | Signal type | Separate signal |
| | Video signal | Analogue (0.7V p-p, 75ohm / Mac 0.714Vp-p, 75ohm) |
| | Sync. signal | Separate (positive & negative, bi-polarity 2-5 Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp) |
| INPUT TERMINAL | Audio signal | 500mVrms / 47k-ohm |
| | Video | D-sub 15pin x 1 Blue moulding |
| OUTPUT SIGNAL | Audio | Stereo mini jack x 2 |
| | Video | Analogue (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm) |
| | Sync. | Separate (positive & negative, TTL) / Composite (positive & negative, TTL) / Sync. on green (negative 0.2 - 0.4Vpp) |
| OUTPUT TERMINAL | Video | D-sub 15pin x 1 (Black moulding) |

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|---------------------------------------|--|--|
| VIDEO I/O | | |
| DISPLAY PERFORMANCE | | |
| INPUT SIGNAL | Video standard | NTSC: 560 line PAL: 560 lines (Depends on observation of the multi burst pattern) |
| | Video signal | NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM Composite Video (1.0Vpp / Sync. negative, 75ohm) / S-Video (Luminous 0.714Vpp, Chrominous 0.286Vpp, 75ohm) / Component Video (Analog Y level 0.75V 75ohm / Cr Cb level +/-0.35V 75ohm / sync. negative 0.3V or 3-state +/-0.3V on Y) / Video-RGB (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm) |
| INPUT TERMINAL | Audio signal | 500mVrms / 47k-ohm |
| | Video | Composite Video: RCA (Yellow) x1 S-Video: Mini DIN Component Video: D-sub 15pin Blue moulding RCA x 1 (White/Red) |
| CONTROL I/O | | |
| SERIAL I/O | Terminal | D Sub 9 pin x 1 |
| | Signal | RS-232C |
| | Network Interface | RJ45 x 1 |
| EASY MP FUNCTION | | |
| | ESC/VP.net | |
| | E-mail notification | |
| | SNMP | |
| | Web control | |
| | PJ-Link | |
| | AMX Device Discovery compatible | |
| SOFTWARE OPERATING TEMPERATURE | EMP Monitor (for Windows) | |
| COOL-DOWN PERIOD | 5°C to 35°C (41°F to 95°F) > (20%-80% Humidity) | |
| START-UP PERIOD | "Instant Off" | |
| DIRECT POWER ON | Approx. 5 seconds (warm up 30 seconds) | |
| DIRECT POWER OFF | Yes | |
| POWER SUPPLY VOLTAGE | 100-240V AC ±10% 50/60Hz | |
| POWER CONSUMPTION | 100-240VAC 2.7-1.1A 50/60Hz Lamp 251W/236W (Lamp on) 4.2W/5.5W (standby, network off) | |
| EXHAUST DIRECTION | Side | |
| DIMENSION | | |
| EXCLUDE FEET | 258(D) x 327(W) x 95(H) mm | |
| MAXIMUM DIMENSION | 272(D) x 327(W) x 157(H) mm | |
| WEIGHT | Approx. 3.6kg | |
| FAN NOISE | | |
| HIGH BRIGHTNESS MODE | 35dB | |
| LOW BRIGHTNESS MODE | 28dB | |
| WARRANTY | | |
| STANDARD WARRANTY | 3 years* *excluding lamp | |
| | * For more information visit Epson Projector Warranty Website | |
| ACCESSORIES | | |
| POWER CORD | 3m | |
| COMPUTER CABLE | 1.8m, D-sub 15pin (Male) - Mini D-sub 15pin (Male) | |
| REMOTE CONTROL | Included | |
| PASSWORD PROTECT STICKER | Included | |
| EPSON PROJECTOR SOFTWARE | CD-ROM | |
| OWNER'S MANUAL | CD-ROM | |
| PRODUCT OPTIONS | | |
| | Item Code | Description |
| | V13H010L42 | Lamp |
| | 7012083 | Ceiling mount with telescopic pole |
| | 7012084 | Ceiling mount standard |

#Subject to operation and environmental conditions.

Usage Conditions

Epson products are designed and made to give highly reliable use and long life when used according to its specifications. With any system, product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability. Examples include but are not limited to – do not interfere with any electrical components within the device, do not use items supplied with the product for purposes other than as intended by Epson (ie mains cords, inks, CDs, plastic wrapping) and do not make modifications to the product.