

EPSON® EMP-54/EMP-73/EMP-74



Bright, Light and Affordable Mobile Projectors for Professional Presentations

- **High Bright 2000/1500 ANSI lumens Mobile Projectors**
- **Enhanced security features for complete peace of mind**
- **True SVGA/XGA Projectors, supporting VGA to SXGA/UXGA resolutions**
- **Silent Operation Mode**
- **Automatic Keystone Correction**
- **6 separate Colour Modes for Optimum Image Rendering**

EPSON® EMP-54/EMP-73/EMP-74



TAKE THE HASSLE OUT OF BUSINESS PROJECTORS

The EPSON EMP-54, EPSON EMP-73 and EPSON EMP-74 are high-performance and affordable mobile projectors for professionals on the move. Bright, quiet and easy to operate, they encourage smooth and dynamic presentations with their wealth of great features. They are stylish and compact and virtually effortless to move from place to place, thanks to a compact design and lightweight, ultra-portable build.

High Performance Features

Perfect for business and educational uses alike, the EPSON EMP-73, EPSON EMP-54 and EPSON EMP-74 give very bright 2000 and 1500 ANSI lumens respectively. Featuring the newly-developed EPSON 0.7" Dream 3 LCD panels, which boast a vastly improved aperture ratio, projections are extremely bright and have unrivalled resolution. Because EPSON is a world leader in advanced imaging technology,

the EPSON EMP-54, EPSON EMP-73 and EPSON EMP-74 are expertly designed and manufactured with the highest quality components. Rugged but stylish, each of these projectors will give you enduring and consistent performance, day in and day out.

Very Stylish and Virtually Silent

The EPSON EMP-54, EPSON EMP-73 and EPSON EMP-74 are sleek and stylishly designed with great features inside and out. To help you give the best presentations, they keep a very low profile when

running. Thanks to the new Silencer Cooling Duct and Lamp Wattage Control, the projectors are able to switch into silent operation mode and operate at a barely audible 33dB. This helps you take the strain off your audience during long presentations and minimises any unwanted and distracting operating noise from the projector.

Dual Brightness Mode

A key feature in EPSON engineering is to optimise performance. This means that the EPSON EMP-54, EPSON EMP-73 and EPSON EMP-74 are designed with different modes that fit in with the intended use and requirements for you. Together with 'Normal Mode', 'Silent Mode' has the advantages of quiet operation, and with the added benefit of an extra long lamp life, you can have up to 3,000 hours of quality viewing.

INTELLIGENT MEETING SET-UP AND OPERATION

Easy To Use

Designed specifically to get the best out of your presentations, the EPSON EMP-54, EPSON EMP-73, EPSON EMP-74 are packed with features to take care of all the little details and let you get on with the important stuff. There's no timely set-up procedure, just place on the table, plug in and turn on.

What's more, the projectors will detect whatever input source you are using automatically. Just plug in, switch on and they adjust the settings to suit. With an incredibly short cool down time of around 20 seconds, you are ready to present and go without any hassles.

Get Connected

With so many great features, it's amazing the EPSON EMP-54, EPSON EMP-73 and EPSON EMP-74 are so lightweight and compact – weighing just 2.9kg. They also offer great connectivity via their comprehensive interfaces.

Monitor output is perfect when projecting from a long distance or need multiple screens. However, if you're very close to the screen you needn't worry either, as the EPSON EMP-54, EPSON EMP-73 and EPSON EMP-74 can handle a 60 inch screen from just 1.8m. To make things even easier, the projectors have a new card-type remote that offers great operating functions like Page Turn. This stores away inside the projector when not in use, keeping it safe and secure when you're on the move.

Auto Keystone Correction

This impressive technology means that no matter where your projector is placed, the projected images will automatically adjust to give you a perfectly shaped screen for optimum performance.

Blackboard Projection Mode

Integrated as part of an addition to the original 5 colour modes, the blackboard projection mode enables you to project on to dark surfaces that makes it very useful for the education and lecture sessions.



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ENHANCED SECURITY FUNCTIONS

User's Logo Start Up Screen

A simple but very effective password security feature means that when you 'start-up', your personalised information (logo, design or message etc) will always be displayed.

Password Protected Security Function

For an even higher level of security, this feature will only allow the projector to be used if a security password is correctly entered.

Protect Timer Function

In addition to the standard password protection, these projectors have a screen saver function. Just like your PC, after a preset time your projector will switch to a security mode, and will only display again once you've entered your password to unlock it.



Dark projection surface

Standard projection mode

With enhanced colour mode

Features & Benefits

Native resolution of SVGA (EPSON EMP-54) and XGA (EPSON EMP-73/EPSON EMP-74)

High Bright: 2000 ANSI Lumens (EPSON EMP-54/EPSON EMP-74) and 1500 ANSI Lumens (EPSON EMP-73)

Blackboard projection mode

Silent Operation Mode

Auto Keystone Correction

Monitor Output Connection

USB support to enable operation of Remote Mouse

Self-storing, Card-type Remote Control with page turning included in box

Protect Timer Function

Enhanced Security Functions



EPSON® EMP-54/EMP-73/EMP-74



EPSON EMP-74



EPSON EMP-54



EPSON EMP-73

Specifications

| | EPSON EMP-54 | EPSON EMP-73 | EPSON EMP-74 |
|------------------------------------|---|--|--|
| PROJECTION SYSTEM | RGB Liquid Crystal Shutter Projection System | | |
| PROJECTION METHOD | Front / Rear / Ceiling Mount | | |
| SPECIFICATION OF MAIN PARTS | | | |
| LCD | | | |
| Size | 0.7 inches without MLA (x3) | 0.7 inches with MLA (x3) | 0.7 inches without MLA (x3) |
| Pixel number | 480000 dots (800x600) x3 | 786432 dots (1024x768) x3 | |
| Native Resolution | SVGA | XGA | |
| Aspect ratio | 4:3 | | |
| Pixel Arrangement | Stripe | | |
| PROJECTION LENS | | | |
| Type | Manual: zoom/focus | | |
| Focal length | 21.3-25.6mm | | |
| Zoom ratio | 1.0:1.2 | | |
| LAMP | | | |
| Type | 200W UHE | 165W UHE | 200W UHE |
| Life | 3000H (Low Brightness mode) 2000H (High Brightness mode) | 1500H | 3000H (Low Brightness mode) 2000H (High Brightness mode) |
| Optical System | Dichroic Mirror Separation & Prism combine Method | | |
| Screen size (Projected Distance) | 30 to 300inch (0.9 to 10.5m) | | |
| Keystone correction ratio | 10:1 | | |
| BRIGHTNESS | | | |
| High Brightness mode | 2000 ANSI lumens | 1500 ANSI lumens | 2000 ANSI lumens |
| Low Brightness mode | 1500 ANSI lumens | 1200 ANSI lumens | 1500 ANSI lumens |
| Contrast | 500:1 | | |
| Brightness Uniformity | 85%(Typ.) | | |
| Color reproduction | Full Colour (1677million colours) | | |
| Sound output | 1W Monaural | | |
| EFFECTIVE SCANNING FREQUENCY RANGE | | | |
| Pixel Clock | 13.5MHz to 162MHz | | |
| Horizontal | 15KHz to 92KHz | | |
| ADJUSTMENT FUNCTION | | | |
| Projector/Remote Control | Keystone(Vertical) /Brightness /Contrast/Tint/Saturation/Sound/Input signal | | |
| Tilt Angle | 0 to 10 degrees | | |
| Keystone Correction | Vertical: -15 to +15 degrees | | |
| Auto Keystone Correction | Yes | | |
| ANALOG RGB I/O | | | |
| Display Performance | | | |
| Native | 800 x 600 dots | 1024 x 768 dots | |
| Resize | 1280 x 1024/800 x 600/ 640 x 480 dots | 1600 x 1200/1280 x 1024/800 x 600/640 x 480 dots | |
| Input Signal | | | |
| Signal type | Separate signal | | |
| Video Signal | Analog(0.7V p-p,75 ohm/Mac0.714Vp-p, 75ohm) | | |
| Sync. Signal | Separate (positive&negative, bi-polarity 2-5Vpp)/Composite(positive&negative, bi-polarity 2-5Vpp)/ Sync-on-green(negative, 0.3Vpp) | | |
| Audio Signal | 500mVrms/47Kohm | | |
| Input Terminal | | | |
| Video | Mini D-sub 15pin Blue-molding x2 | Mini D-sub 15pin x1 Blue-molding | Mini D-sub 15pin Blue-molding x2 |
| Audio | Stereo mini jack | | |
| Output Signal | | | |
| Signal type | Not analog-RGB standard level | | |
| VIDEO I/O | | | |
| Display Performance | NTSC: 550 line PAL: 550 line (Depend on observation of the multi burst pattern) | | |
| Input Signal | | | |
| Video Standard | NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM | | |
| Video signal | Composite Video(1.0Vpp/Sync.negative, 75 ohm)/S-Video(Luminous0.714Vpp, Chrominous 0.286Vpp, 75 ohm)/ Component Video(Analog Y level 0.7V 75 ohm/Cr Cb level +/-0.35V 75 ohm/sync.negative 0.3V or 3-state+/- 0.3V on Y)/Video-RGB(0.7V p-p,75 ohm/Mac 0.714Vpp,75 ohm) | | |
| Audio signal | 500mVrms/47Kohm | | |
| INPUT TERMINAL | | | |
| Video | Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN | | |
| | Component Video: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) x 2 | Component Video: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) | Component Video: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) x 2 |
| | Video-RGB: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) x 2 | Video-RGB: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) | Video-RGB: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) x 2 |
| Audio | Stereo mini jack | | |
| CONTROL I/O | | | |
| USB I/O | | | |
| I/O terminal | USB connector series B x1 | USB connector series A x 1 USB connector series B x 1 | USB connector series B x1 |
| Serial I/O | | | |
| I/O terminal | Mini D-sub 9pin x1 | | |
| I/O signal | RS-232C | | |
| Operating Temperature | 5°C to 35 °C <41°F to 95 °F> | | |
| Cool-down period | about 20 seconds | | |
| Start-up period | about 40 seconds | | |
| Power Supply Voltage | 100-120V / 200-240V ±10%, 50/60Hz AC | | |
| Power Consumption | 100-240V 3.2-1.6A 50/60Hz | 100-240V 2.6-1.3A 50/60Hz | 100-240V 3.2-1.6A 50/60Hz |
| DIMENSION | | | |
| Exclude Projection lens & Feet | 240(D) x 315(W) x 87(H) mm | | |
| Maximum dimension | 240(D) x 315(W) x 97(H) mm | | |
| Weight | Approx. 6.4lbs / 2.9Kg | | |
| Fan Noise | | | |
| High Brightness mode | 38dB | 36dB | 38dB |
| Low Brightness mode | 33dB | | |
| WARRANTY | UK - 3 year next day on site repair or replace Ireland - 3 years next day on site repair or loan | | |

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