New Product Summary

Launch Date – 2nd July 2007
Under NDA Until – 1st June 2007

Epson
EMP X52

The multimedia partner that brings the big screen to work and home

The versatile Epson EMP-X52 multimedia projector gives a professional performance at work and at home. Outstanding for business or education presentations, but just as happy bringing big screen entertainment to your living room.

You choose – it's always ready to go
With one of the quickest start-up times on the market, this projector will turn on in just 5 seconds. Afterwards you can turn off, disconnect the power cable and be ready to move straight away.

You choose – it's so adaptable
After a quick, simple set up, you can rely on a perfect, uniform image from a wide range of positions, thanks to a large 30º vertical keystone correction angle. And it's great in smaller rooms too - a 60" image can be created just 1.8m from the screen.

You choose – it's so easy
This projector is designed for simple operation. The convenient, intuitive control panel gives you quick access to a range of information in key areas including power, status, adjustments, controls and a comprehensive help function.

You choose – it's brighter and better
Epson's long life, low wattage 'E-TORL' lamp is smaller and more efficient without compromising brightness and lasts for up to 4000 hours. This projector is quiet too - at just 28dB sound level, your audience will always be concentrating on your presentation.

You choose – it's up to you
With the Epson projectors, you're always in control. Password protection offers security, and a lockable control panel means if you have the remote, you have complete control.

Big screen home entertainment

You choose – it's your lifestyle
Whatever you choose to give the big screen treatment, from photos and movies to sports and video games, the 7 preset colour modes ensure excellent colour every time. And with the black and white enhancer, you'll see every detail even on dark or bright images.

You choose – it's the big screen solution
You can even create a genuine movie experience. Simply change the aspect of the screen from 4:3 format to 16:9 – just like a real cinema!

Entry level value, top level features.

For business presentations

- Compact and light, simple to set up and operate
- Enjoy unbeatable quality with Epson 3LCD technology
- Keep on the move with Quick Start, Instant Off
- AV mute slide for more effective presentations

For home entertainment

- Choose from 7 colour modes to optimise quality
- Add the cinema experience to your home with the 16:9 viewing format
- A true multimedia partner – from computers to gaming and DVD player to digital cameras
- Place the projector off centre with no distortion

Remote control

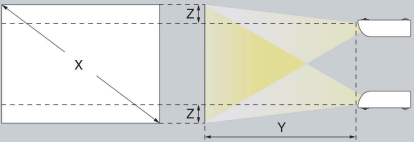## Ordering information

Description	EMP- X52 LCD Projector
Part Number	V11H254140DA
Barcode	8715946390345
Carton Dimensions	427x379x182mm
Carton Weight	net= 2.7kg; gross=5.3kg

Screen size and projection distance

Use the Epson Projection Distance Calculator software available from www.epson.co.uk for distances and screen sizes not shown below.

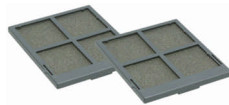| 4:3 Screen size		Shortest (Wide)	Longest (Tele)	Vertical distance from center of lens to bottom edge of screen
X (screen size / dimension)		Y (cm / inch)		Z (cm / inch)
30" /	61 cm x 46 cm 24.0" x 18.1"	87 / 34	119 / 47	4 / 1.7
40" /	81 cm x 61 cm 31.9" x 24.0"	117 / 46	159 / 63	6 / 2.3
60" /	120 cm x 90 cm 47.2" x 35.4"	177 / 70	240 / 95	9 / 3.4
80" /	160 cm x 120 cm 63.0" x 47.2"	237 / 93	321 / 126	12 / 4.5
100" /	200 cm x 150 cm 78.7" x 59.1"	297 / 117	402 / 158	14 / 5.7
200" /	410 cm x 300 cm 161.4" x 118.1"	597 / 235	807 / 318	29 / 11.3
300" /	610 cm x 460 cm 240.2" x 181.1"	897 / 353	1212 / 477	43 / 17.0

Accessories

(Model code) **order code**

Consumables

Spare Lamp (ELPLP41)
V13H010L41

Air Filter Set (ELPAF13)
V13H134A13

Screens

50" Portable Screen (ELPSC06)
V12H002S06

60" Portable Screen (ELPSC07)
V12H002S07

80" Portable Screen (ELPSC08)
V12H002S08

Mountings

Ceiling Plate (ELPFC03)
Required if using a ceiling pipe.
V12H003C03

Ceiling Pipe (silver) 370mm
(ELPFP04)
V12H003P04

Ceiling Pipe (silver) 570mm
(ELPFP05)
V12H003P05

Ceiling Pipe (silver) 770mm
(ELPFP06)
V12H003P06

Ceiling Mount (ELPMB18)
Connects to the projector and either directly to the ceiling, or to a ceiling pipe.
V12H003B18

Cables

VGA Computer Cable HD-15 to HD-15 1.8m (ELPKC02)
V12H005C02

VGA Computer Cable HD-15 to HD-15 3.0m (ELPKC09)
V12H005C09

VGA Computer Cable HD-15 to HD-15 20m (ELPKC10)
V12H005C10

Component Video Cable
(ELPKC19)
V12H005C19

HD-TV Cable
(ELPKC22)
V12H005C22

What's in the Box?

Projector
with Slide Lens Shutter

Remote Control

2 x AAA alkali batteries
for the remote control

Power Cable
1.8m cable

Computer Cable
Mini D-Sub 15-pin/mini D-Sub 15-pin, 1.8 m (6 ft.)
Use when projecting images from a computer

Read This First Booklet
Explains the contents of the box and which manuals the user should refer to.

Image TBC

Setup Guide
Contains information on basic operations for preparing the projector before use (setup and connecting video equipment or a computer) and for starting projection.

Image TBC

Document CD-ROM
Contains information on common and useful functions, configuration, troubleshooting, and maintenance.

Image TBC

Safety Instructions / World Wide Warranty Terms

image TBC

Specifications

MODEL
EMP-X52

Projection System
RGB liquid crystal shutter projection system

Projection Method
Front / Rear / Ceiling mount

Specifications of Main Parts

LCD

Size	0.63-inch without MLA
Driving Method	Poly-silicon TFT active matrix
Pixel Number	786,432 dots (1024 x 768) x 3
Native Resolution	XGA
Aspect Ratio	4:3
Pixel Arrangement	Cross stripe
Refresh Rate	50 Hz - 60 Hz

Projection Lens

Type	Manual zoom / Manual focus
F-Number	1.6-1.74
Focal Length	18.4 mm-22.12 mm
Zoom Ratio	Optical Zoom1-1.2
Lens Cover	Slide lens shutter

Lamp

Type	170 W UHE
Life	3000 hours (High bright) / 4000 hours (Low bright)

Screen Size (Projected Distance)
30" to 300" [1.01 to 10.42 m] (Zoom:Tele)
30" to 300" [0.84 to 8.66 m] (Zoom:Wide)
60" screen 1.7 - 2.1 m

Brightness

High Brightness Mode	2000 ANSI lumens (Colour mode: Game, Zoom: Wide)
Low Brightness Mode	1600 ANSI lumens (Colour mode: Game, Zoom: Wide)

Contrast
400:1
(Colour mode : Game, High brightness mode)

Brightness Uniformity
90%

Colour Reproduction
Full-colour (16.77 million colours)

Video Quality
Simple Interlace-Progressive conversion

Sound Output
1 W Monaural

Speaker
35• • ×20• • x 1

Function
User logo, A/V mute, Freeze, E-Zoom, Help

Colour Mode
PC: Photo, Presentation, Theatre, Game, sRGB, Blackboard, Text
Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard, Text

Remote Control Infrared Receiver Position / Distance / Directivity
Front & rear , 6 m
Right / Left : -30 to +30 degrees
Upper / Lower : -15 to +15 degrees

Effective Scanning Frequency Range (Analogue)

Pixel Clock	13.5 MHz to 162 MHz up to UXGA 60 Hz
Horizontal	15 kHz to 92 kHz
Vertical	50 Hz to 85 Hz

Adjustment Function

Projector / Remote Control	Brightness / Contrast / Tint / Saturation / Sharpness / Input signal / Sync / Tracking / Position / Colour temperature / Volume / etc.
Foot Adjuster	Front-centre
Tilt Angle	0 to 11 degrees
Keystone Correction	Vertical : PC -30 to +30 degrees
Auto Keystone Correction	Yes (foot type , 0 to 11 degrees)
Source Search	Yes
Auto Detection of RGB/Component	Yes
Operation Panel Protected Function	Yes
Password Protected Function (Security Function)	Yes (Protection of User logo)

Analogue RGB I/O

Display Performance	Native	1024 x 768 dots
Input Signal	Signal Type	Separate signal
	Video Signal	Analogue (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
	Sync. Signal	Separate (positive & negative, bi-polarity 2-5 Vp-p)/ Composite (positive & negative, bi-polarity 2-5 Vp-p)/ Sync-on-green (negative, 0.3 Vp-p)
	Audio Signal	500 mVrms / 47 k-ohm
Input Terminal	Video	D-sub 15pin x 1 Blue moulding
	Audio	RCA x 1 (White/Red)
Output Signal	Video Signal	Analogue (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
	Sync. Signal	Separate (positive & negative,TTL) / Composite (positive & negative,TTL) / Sync. on green (negative 0.2-0.4 Vp-p)
Output Terminal	Video	D-sub 15pin x 1 Black

moulding(Output signal : Computer * only)

Video I/O

Display Performance		NTSC: 560 lines, PAL: 560 lines (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 (1.0 Vp-p / Sync.negative, 75 ohm) / S-Video (Luminous 0.714 Vp-p, Chrominous 0.286 Vp-p, 75 ohm) / Component Video (Analogue Y level 0.7 V, 75 ohm / Cr Cb level +/-0.35 V, 75 ohm / sync.negative 0.3 V or 3-state +/-0.3 V on Y) / RGB Video (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
	Audio Signal	500 mVrms / 47 k-ohm
Input Terminal	Video	Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN Component Video: D-sub 15pin Blue moulding (in common with Analogue RGB connector) RGB Video: D-sub 15pin Blue moulding (in common with Analogue RGB connector)
	Audio	RCA x 1 (White/Red) (in common with Analogue RGB Audio terminal)

Control I/O

USB I/O	I/O Terminal	Type B x1 (for K/B, control)
	I/O Speed	Ver. 1.1

Operating Temperature
5 °C to 35 °C <41 °F to 95 °F> (20%-80% Humidity)

Operating Altitude
0 m to 2286 m<0 ft to 7500 ft>
(over 1500 m / 4,921 ft :with High altitude mode)

Direct Power On
Yes

Start-up Period
about 5 seconds
warm-up period: 30 seconds

Cool-down Period
Instant off

Theft Proof

Padlock & Security Cable Hole	Yes
Kensington Lock	Yes

Power Supply Voltage
100 - 240 V AC ±10%, 50/60 Hz

Power Consumption

Lamp On	231 W
Standby	5.8 W

Dimensions

Exclude Feet (D x W x H)	245 x 327 x 92 mm
Maximum Dimension (D x W x H)	245 x 327 x 108 mm
Weight	Approx. 6.0 € bs. / 2.7kg

Fan Noise

High Brightness Mode	35 dB
Low Brightness Mode	28 dB

Supplied Accessories
Power Cable 1.8m
Computer Cable 1.8 m D-sub 15pin (Male) - D-sub 15pin(Male)
Remote Control
Battery Manganese dry cell ×2
Password Protect Sticker
User's Manual Set

Optional Accessories

Spare Lamp	ELPLP41
Air Filter Set	ELPAF13
Soft Carrying Case	ELPKS16B
50" Portable Roll Screen	ELPSC06
60" Portable Roll Screen	ELPSC07
80" Portable Roll Screen	ELPSC08
100 Type Screen	ELPSC10
Computer Cable,1.8m	ELPKC02
Computer Cable, 3.0m	ELPKC09
Computer Cable, 20.0m	ELPKC10
Component Video Cable, 3.0m	ELPKC19
HD-TV Cable, 3.0m	ELPKC22
Ceiling Mount	ELPMB18
Ceiling Plate	ELPFC03
Pipe 370mm	ELPFP04
Pipe 570mm	ELPFP05
Pipe 770mm	ELPFP06

Warranty
UK: 3 year next business day on-site repair or replace
Republic of Ireland: 3 year next business day on-site repair or loan
Errors and omissions excepted, all specifications are subject to change without notice.