

Multimedia Projector  
**EMP-280**  
**EMP-260**



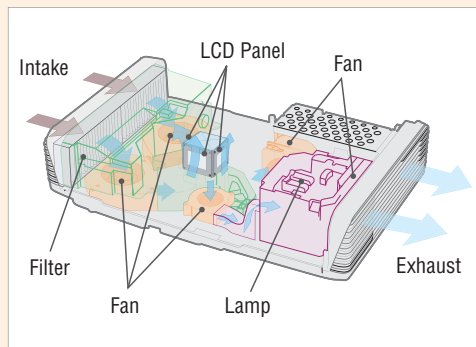
**EPSON**  
 EXCEED YOUR VISION



EMP-280 XGA  
**2600 ANSI lm**  
 EMP-260 SVGA  
**2000 ANSI lm**  
*Long life and ease of use,  
 even in a dusty environment*

**Dust Resistant**

Introducing a dust resistant structure which protects the projector from common contaminants found in various environments. The filter's large surface area is electrostatically charged for catching microscopic dust particles. Also, all seams are sealed to prevent pollutants from entering the unit, so only clean air which has passed through the filter is allowed in for cooling. Therefore, even projectors used in harsh conditions remain clean inside, preventing such troubles as brightness degradation.



High efficiency filter



Glass cover prevents dust from collecting around the lens

**Easy Maintenance**

**Air filter cleaning notification**

It is equipped with a cleaning notification function capable of sensing a clogged filter and letting you know proper cleaning intervals through an indication on the screen and an LED on the main body.

**Time to clean the air filter.  
 Clean or replace the air filter.**

Filter cleaning notice as indicated on the screen

**Cleaning the air filter is easy**

Filter removal is easy even when ceiling mounted. Filter cleaning is also easy and doesn't require any special tools.



After opening the cover, the filter can be removed easily



Remove dust from the filter by knocking it on something like the corner of a desk

**Easy lamp change**

You can change the lamp easily even when ceiling mounted.



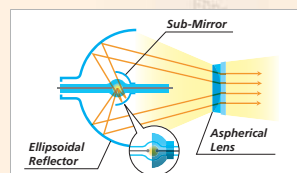
No need to remove the main body from the ceiling mount fittings when changing the lamp

**Small Yet Powerful Lamp**

**Compact and bright - Epson's innovative lamp "E-TORL"**

(E-TORL : Epson-Twin Optimize Reflection Lamp)  
 Epson's recently developed small, high performance "E-TORL" lamps efficiently gather and project light to effectively eliminate light-leakage and minimize light diffraction. This system combines an ellipsoidal reflector with an aspherical lens and a hemispherical mirror to produce a lamp so small and highly efficient that it is ahead of its time.

**E-TORL**



**Other Features**

**Direct power-on/off**

**4000 hour long-life lamp (low brightness mode)**

**High altitude operation up to 3,000m (only for EMP-260)**

**24 language on-screen menu**

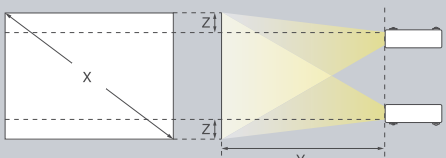
# EMP-280 EMP-260

## SPECIFICATIONS

		EMP-280	EMP-260
Projection System		RGB Liquid-Crystal Shutter	Projection System
Specification of Main Parts	LCD	Size	0.63 inch with MLA (x 3)
		Driving Method	Polysilicon TFT Active Matrix
		Pixel Number	786,432 dots (1024 x 768) x 3
		Native Resolution	XGA
Projection Lens		Manual Focus & 1.2 x Optical Zoom	Manual Focus & 1.35 x Digital Zoom
		F=1.60-1.74 / f=18.4 - 22.1 mm	F=1.44 / f=16.6 mm
Lamp	Type	170 W UHE	
	Life	3000 hours (High Brightness mode) / 4000 hours (Low Brightness mode)	
Screen Size (Projected Distance)		30 to 300 inch [0.9 to 10.4 m]	30 to 300 inch [0.9 to 12.1 m]
Offset		8.6:1	9.6:1
Brightness*	High / Low Brightness Mode	2600 ANSI lm / 2080 ANSI lm	2000 ANSI lm / 1600 ANSI lm
Contrast		400:1	
Color Reproduction		Full-Color (16.77 million colors)	
Sound Output		5 W Monaural	1 W Monaural
Effective Scanning Frequency Range (Analog)	Pixel Clock	13.5 MHz to 162 MHz	13.5 MHz to 158 MHz
	Horizontal	15 kHz to 99 kHz	15 kHz to 92 kHz
	Vertical	50 Hz to 120 Hz	50 Hz to 85 Hz
Keystone Correction		Vertical : -30 to +30 degrees	
Analog RGB I/O	Display Performance	Native	1024 x 768 dots (XGA)
		Resize	UXGA / SXGA / SVGA / VGA
	Input Terminal	Video	D-sub 15-pin x 2
		Audio	RCA x 1 (White / Red)
Output Terminal	Video	D-sub 15-pin x 1	
	Input Signal	Video Standard	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
Video I/O	Input Terminal	Video	Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN
		Component Video: D-sub 15-pin x 2	Component Video: D-sub 15-pin x 1
	Video-RGB: D-sub 15-pin x 2	Video-RGB: D-sub 15-pin x 2	Video-RGB: D-sub 15-pin x 1
		Audio	RCA x 1 (White / Red)
Control I/O	Serial I/O	Serial Terminal	mini D-sub 9 pin x 1
	USB I/O	I/O Terminal	—
Operating Temperature			5°C to 35°C <41°F to 95°F>
			5°C to 35°C <41°F to 95°F> Up to 7,500 ft <2,286 m>, 5°C to 30°C <41°F to 86°F> 7,500 ft to 9,843 ft <2,286 m to 3,000 m>
Operating Altitude			Up to 7,500 feet <2,286 m>
			Up to 9,843 feet <3,000 m> (over 4,921 feet <1,500 m> area: with High Altitude mode)
Start-Up Period		About 5 sec.	
Cool-Down Period		Instant off	
Power Supply Voltage		110 - 240 VAC ±10% , 50 / 60 Hz	
Power Consumption		110 - 240 VAC 50 / 60 Hz 2.8 - 1.2 A	
Dimensions (D x W x H)		263 x 400 x 111 mm (Excludes Feet)	
Weight		Approx. 7.9 lbs. / 3.6 kg	
Fan Noise	High / Low Brightness Mode	38 dB / 31 dB	

Brightness\* : Color mode : Game, Zoom : Wide

## PROJECTION DISTANCE



4:3 Screen size	EMP-280			EMP-260		
	Shortest (Wide)	Longest (Tele)	Vertical distance from center of lens to bottom edge of screen	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)	Y (cm / inch)		Z (cm / inch)
30" / 61 cm x 46 cm 24.0" x 18.1"	84 / 33	101 / 40	5 / 1.9	87 / 34	119 / 47	4 / 1.7
40" / 81 cm x 61 cm 31.9" x 24.0"	113 / 44	136 / 53	6 / 2.5	117 / 46	159 / 63	6 / 2.3
60" / 120 cm x 90 cm 47.2" x 35.4"	171 / 67	206 / 81	10 / 3.8	177 / 70	240 / 95	9 / 3.4
80" / 160 cm x 120 cm 63.0" x 47.2"	229 / 90	275 / 108	13 / 5.0	237 / 93	321 / 126	11 / 4.5
100" / 200 cm x 150 cm 78.7" x 59.1"	287 / 113	345 / 136	16 / 6.3	297 / 117	402 / 158	14 / 5.7
200" / 410 cm x 300 cm 161.4" x 118.1"	577 / 227	693 / 273	32 / 12.5	597 / 235	807 / 318	29 / 11.3
300" / 610 cm x 460 cm 240.2" x 181.1"	867 / 341	1041 / 410	48 / 18.8	897 / 353		43 / 17.0

## SUPPLIED ACCESSORIES

Power Cable	3.0 m
Remote Control	With AA type alkaline batteries x 2pcs
Computer Cable	1.8 m <6 ft>, AHD-15 pin type slim-cable
Password Protect Sticker	
Owner's Manual	

## OPTIONAL ACCESSORIES

ELPLP42	Spare Lamp (EMP-280)
ELPLP41	Spare Lamp (EMP-260)
ELPAF16	Air Filter (High Efficient Filter)
ELPSC06	50-inch Screen
ELPSC07	60-inch Screen
ELPSC08	80-inch Screen

## Bold, Bright, Beautiful...3LCD Technology

3LCD technology achieves brighter, more natural images and smoother, sharper video playback. No color break-up makes images gentler on the eyes.



3LCD projector



1-chip DLP\*\* projector



\*DLP\*\* is a registered trademark or a trademark of Texas Instruments in the U.S. and / or other countries.

## WARRANTY SERVICE

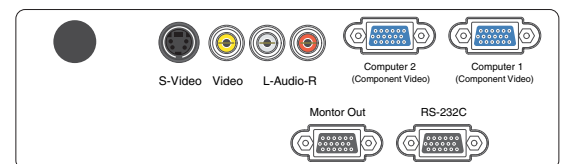
2 years Onsite Warranty  
Service to be provided for local purchase only.



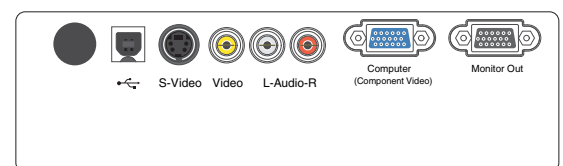
# The warranty service can be extended by purchasing EPSON COVERPLUS Extended Warranty.  
For more information, please contact EPSON customer support.

## CONNECTOR PANEL

### EMP-280



### EMP-260



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