DAVIS DP X16 COLOUR CONCEPT

DAVIS®

Why DAVIS?

DAVIS' only focus is the projection industry. We spend all our time and resources to create the best possible image on the wall!

DAVIS has been committed to make world class projection technology since 1984, and has acquired all the expertise and knowledge to make High Quality Business Presentation Projectors.

DAVIS is a company of dynamic and enthusiastic people sharing the common ambition of bringing large screen business presentations to enthusiasts all over the world. Our technology partners, Texas Instruments (DLP ™technology), Carl Zeiss (excellent optics) and Philips (high quality, long life UHP lamps) assist us in this cause.

When you choose DAVIS - You choose the best there is in Business Presentation Projectors.

7720100 - DP X16 Silver (Standard)

7722100 - DP X16 Aquamarin

7723100 - DP X16 Turmalin

7724100 - DP X16 Aquamarin

7721100 - DP X16 Dark silver

Make an impression!

For the professional presenter on the move, the DAVIS DP X16 is the natural choice. No more fumbling with slides, transparencies or old projectors that are heavy to carry and frustrating to set up. At just 2,25 kg, the DP X16 is small enough to fit easily into a briefcase together with your laptop, and it's bright enough to light up a small auditorium. The XGA resolution lets you display your most detailed images with clarity, and provides compatibility with a wide range of computers. In true Davis tradition, video image quality is superb, due to the use of Digital Light Processing™ technology from Texas Instruments. This also makes it suitable for home entertainment use, with features such as 16:9 aspect ratio in addition to the standard 4:3. The DP X16 is the only projector on the market offering an optional plug-and-play TV Tuner, making your projector act like a TV set.

It's more than personal. It's personalised.

With the DP X16 Colour Concept, DAVIS gives you the opportunity to choose between five different cabinet colours. Pick a colour, and be the first in line to appear with this cool little projector under your arm. When you show up at the meeting, forget about the set up headaches - just plug it into your laptop and run your presentation.

Why choose the DP X16?

State-of-the-art projection technology

Our engineers have incorporated custom micro optics from the world renowned Carl Zeiss Company and Digital Light Processing™ technology from Texas Instruments, providing you with superior image quality and brighter, sharper output with truer colours. The DP X16 also contains a number of exciting features, such as digital zooming of specific parts of the image and a "blinds" or "blank out" function where the presenter can choose how much of the image should be displayed to the audience.

Ease of Use

Simply plug it into your laptop and start the show - with the DP X16 auto set-up function you'll always get your presentations up and running in no time, no sweat. The icon-based menu system makes the DP X16 a very simple projector to operate. Functions can be operated from both the touch panel and the simple, ergonomic infrared remote control. The DP X16's unique flexibility makes professional presentations in small and medium conference rooms a delight.

Complete connectivity

The DAVIS Connectivity Unit (HUB) keeps cables away from the projector, and it allows full video and PC connectivity. With the HUB there is only one cable connected to the projector, apart from the power cable, making it more practical. The DP X16 can also be tripod-mounted.

High quality

All internal parts are protected by a magnesium alloy chassis, making the product perfect for the rigour of the road. Proven display technology from Texas Instruments and optics from Carl Zeiss will give you many years of problem-free operation. A sealed optical system prevents dust from entering the light path.

Superb image quality

Carl Zeiss optics gives you the biggest image on the wall with a contrast ratio of 450:1. Spreadsheets, ad schedules and other detailed reports come through crisp and clear - a boost to people on the road.

DP X16 features AMSC™ (Advanced Motion Scan Conversion) technology developed by DAVIS. AMSC is a novel technique for TV-signal deinterlacing (also known as line-doubling) based on motion estimation. The AMSC algorithms have proven to give crisp video images (twice the vertical resolution compared to inferior line-doublers), eliminate "tearing" and get rid of artifacts. The result is brilliant video performance
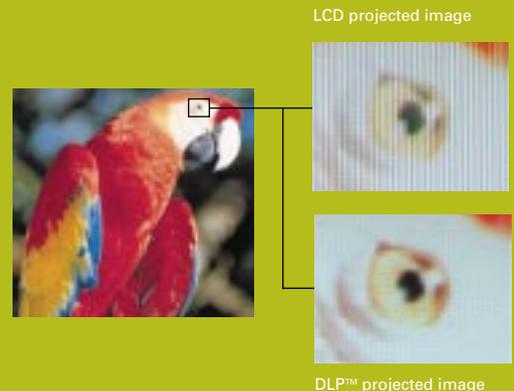
Why DLP?

> Small and light optical systems
> Pin-sharp graphics and film like images
> Strong thermal characteristics
> No degradation over time
> Fill factor above 90%, compared to LCD`s 70 %, gives
  seamless images

Digital Micromirror Device™

The central, reflective portion of the device consists of up to 786 432 tiny, tiltable mirrors. A glass window seals and protects the mirrors.

Each square micromirror is about 1/5th the width of a human hair. The gap between the mirrors is less than one millionth of a metre, giving DLP™ images their unique, "seamless" appearance.

LCD projected image

DLP™ projected image

Technical Specifications

Display:	Single-Chip DMD™ (Digital Micromirror Device™)
Resolution:	1024x768 with compression for 1280x1024
Brightness:	1100 ANSI Lumens
Projection Lamp:	120W UHP (Ultra High Performance), User Replaceable
Lamp Life:	2000 Hours Typical
Colour Palette:	16,7 million colours (24 bit)
Aspect Ratio:	4:3 or 16:9
Response Time:	16 ms
Contrast Ratio:	450:1
Built in Line Doubler:	Yes
Computer Compatibility:	50-90Hz, SVGA: 50-120Hz, SXGA: 50-70Hz
Video Compatibility:	60Hz: NTSC (M) (4.43), PAL (60) (M) 50Hz: PAL (B/D/G/H/I/N, NTSC (50), SECAM
Projection Lens:	Fixed Focal Length Type
Focal Range:	1.5 – 7.5 m
Uniformity:	85% image center-to-corner
Image configuration:	"Green Button Set Up" with auto image positioning, auto tracking and auto synchronization
Audio system:	Built-in 2 watt loudspeaker
Inputs:	PC, Stereo Audio, RS232, Video, TV
Outputs:	Stereo Audio
Mouse Emulation:	USB PS/2, Serial, ADB (Mac),
Power Input:	100 –250V AC, 50 – 60 Hz, Full Range
Power Consumption Typical:	Operating: 170W, Max 200W, Standby: Max 20W
Temperature:	10 – 40 0 C (50 – 104 F)
Dimensions:	254x208x78mm
Weight:	2,25 kg

Standard Accessories:
DAVIS Remote Control incl. Batteries, PC Cable, Power Cable, User Manual, CD, Soft Carrying Bag

Optional Accessories:
DAVIS Connectivity Unit (HUB), PS/2 Mouse Cable, Serial Mouse Cable, USB Mouse Cable, S-Video Cable, Composite Video Cable, Audio Cable, TV Tuner, Davis Carrying Cases, Mac Adapter, SCART Plug, Programming Kit, Replacement Lamp Kit

* DAVIS Connectivity Unit (HUB) is needed to show video, emulate mice, play audio, RS232 remote control, SW-upgrade and connecting external PC monitor.

Please be advised that all features involving video use are optional features of the projector.

Digital Light Processing, DLP, Digital Micromirror Device and DMD are all trademarks of Texas Instruments.

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