



GENERAL INFORMATION

The DHL Holographic Dot Matrix printer

The in house developed DHL Dot Matrix printer has proven that this concept is ideal for producing up to 30 x 40 cm film or glass dot matrix holograms from virtually any 2d graphics, even for people with no particular knowledge of holography.

Each dot matrix hologram consists out of up to 120.000 pixels of 1mm² and can be produced in 20 – 30 hours.

Features

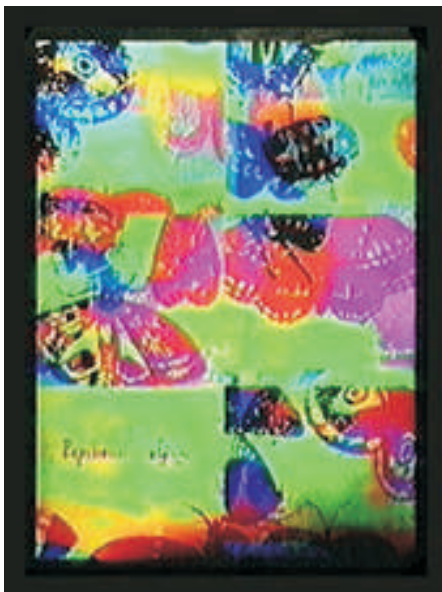
- User-friendly
- Large format hologram (30 x 40 cm, landscape)
- High speed, up to 2 dots per second, 1mm² dot
- Preview function in software
- Continuous colour, non-diffractive colours are dithered



TECHNICAL INFORMATION

Information

Our website www.holoprint.com contains all the major information about DHL, holography, holographic set-ups and other related products. In case of additional questions don't hesitate to contact us.



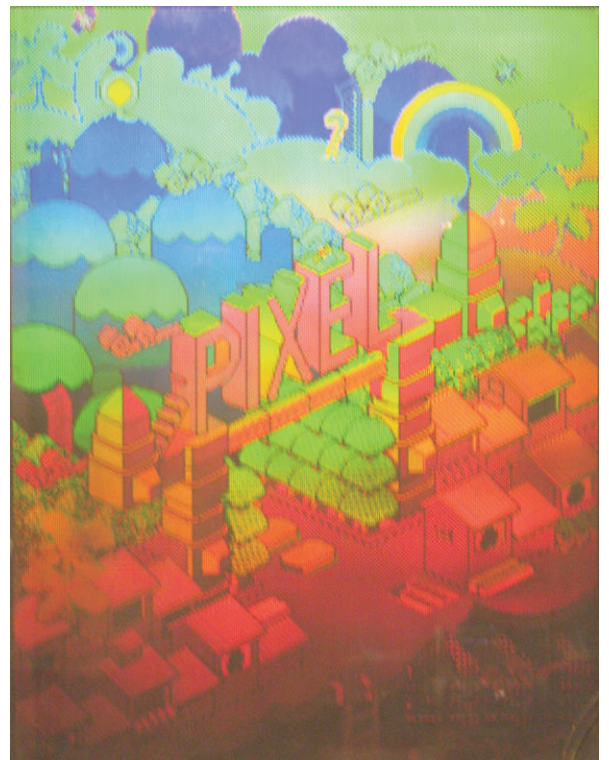
**30 x 40 cm dot-matrix hologram
pixel size 1 x 1 mm
pictures courtesy of the Academy of
Media Arts, Cologne, Germany**


Specifications DHL Dot Matrix printer

System dimension	90 x 120 x 110 cm
Dot size	1 x 1 mm (square)
Exposure	Up to 2 per second
Exposure time	7 millisecc (up to 30 millisecc)
File format	.bmp
Hologram size	300 x 400 mm (280 x 380 mm effective)
Computer	Pentium 4 2.8 GHz 80 gB harddisk 256 mB ram keyboard + mouse monitor optional
Software	Windows XP operating system Dotprinter 2.0
interface	Controller and cables
Laser	optional
Bread board table	optional
Copie scanning setup	Scanner + copyholder
Laser scanner	optional



DOTMATRIX SAMPLES



30 x 40 cm dot-matrix hologram
pixel size 1 x 1 mm
pictures courtesy of the Kun Shan
University, Taiwan