

# M emopix

video walls

2000 hi-res  
1500 mid-res





# Memopix video walls

What is the ultimate you require in a Video Wall?

- the most versatile
- the easiest to programme
- the best value for money
- unbeatable picture quality
- the widest range of multi video effects

Then **Memopix** is the only choice.

Mitä vaaditte eniten Video-seinältä?

- suurta monipuolisutta
- helppoa ohjelmoitavuuta
- hintansa arvoista laitetta
- voittamatonta kuvan laatua
- suurinta monivideotehosteiden valikoimaa

Silloin **Memopix** on ainoa valintanne

Hva er det ypperste du krever av en videovegg?

- Den mest allsidige
- Den letteste å programmere
- Den beste valuta for pengene
- Uslåelig bildekvalitet
- Det beste utvalg i multiskjermeffekter

Da er **Memopix** den eneste muligheten

Vad är det du först och främst väntar dig av en "Annonsvägg"?

- den mest anpassningsbara
- den lättaste att programmera
- den mest ekonomiska
- den med oslagbar bildkvalitet
- den största valmöjligheten av alla videoeffekter

Då är **Memopix** den bästa lösningen.

Hvilke krav stiller De til det allerbedste indenfor video-vægge?

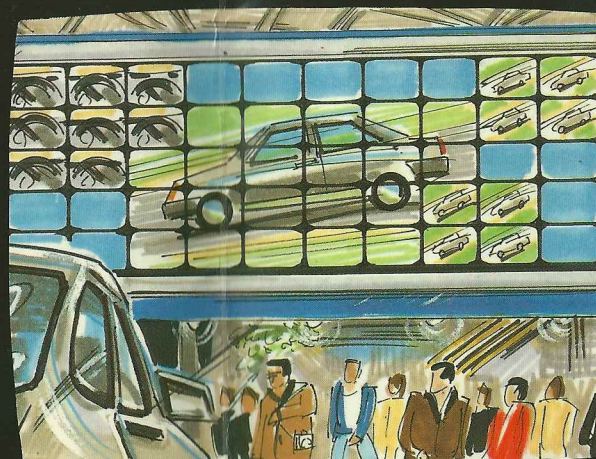
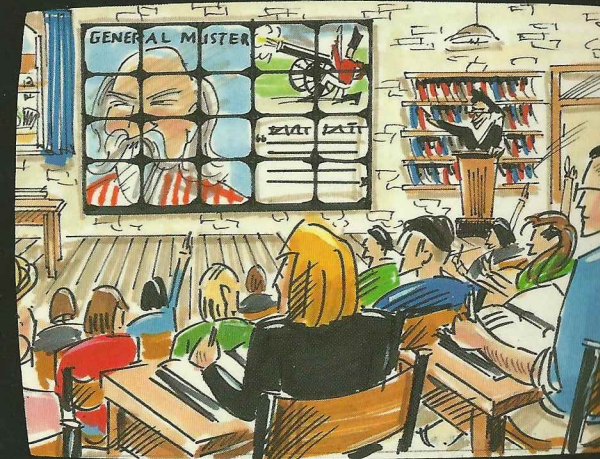
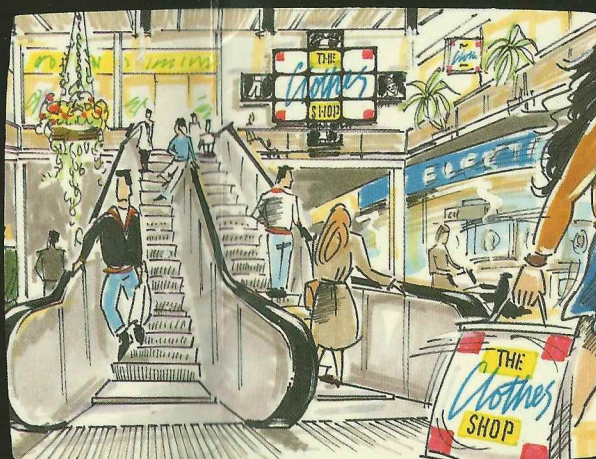
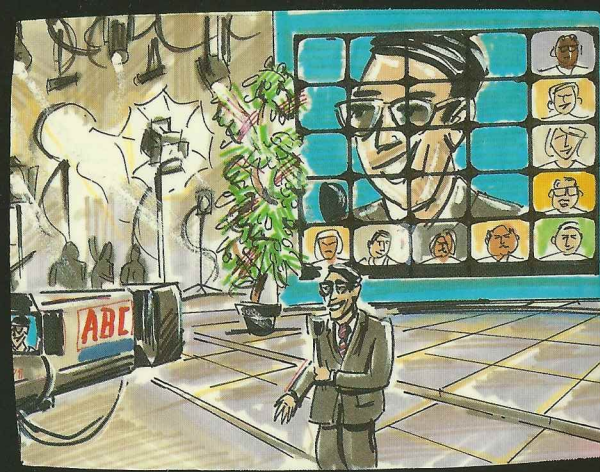
- den største alsidighed
- den nemmeste programmering
- mest for pengene
- uovertruffen billedkvalitet
- det mest omfattende udvalg af video-effekter

Så er **Memopix** det eneste der kan komme på tale.

Wat is uw allerhoogste vereiste van een videowand?

- de veelzijdigste
- de gemakkelijkste om te programmeren
- de beste waarde voor uw geld
- onovertreffbare beeldkwaliteit
- de meest uitgebreide sortering van veelsoortige video-effekten

Dan is **Memopix** de enige keus





Que sont vos besoins définitifs pour un Mur Vidéo?

- Le plus adaptable
- Le plus facile à programmer
- Le plus bon-marché
- Qualité d'image sans pareil
- La gamme la plus étendue d'effets multi-véo

Donc **Memopix** est le seul choix!

Was verlangen Sie als Spitzenleistung von einer Bildschirmwand?

- Vielseitige Verwendbarkeit
- Am leichtesten zu programmieren
- Am preiswertesten
- Unübertreffliche Bildqualität
- Größte Palette von Video-Effekten

Dann ist **Memopix** die einzige Wahl!

¿Cuáles son las características más importantes que Ud requiere de una pared de video?

- La más versátil
- La más fácil de programar
- La más valiosa por el dinero pagado
- Una calidad de imagen insuperable
- La más amplia gama de efectos múltiples video

Entonces **Memopix** es la única elección!

Che cos'è il non plus ultra che vi aspettate da una parete a schermi multipli?

- la massima versatilità
- la più facile programmazione
- il meglio a parità di spesa
- una qualità di immagine imbattibile
- la più vasta gamma di effetti plurivideo

Quindi, non potete avere dubbi nella scelta: **Memopix**

Qual e o maximo que exige de um ecrã gigante de video?

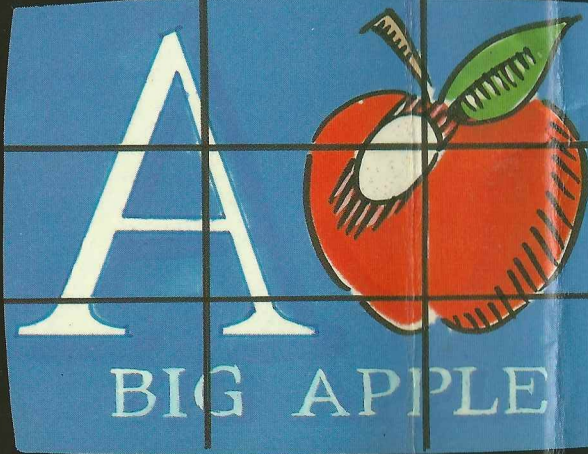
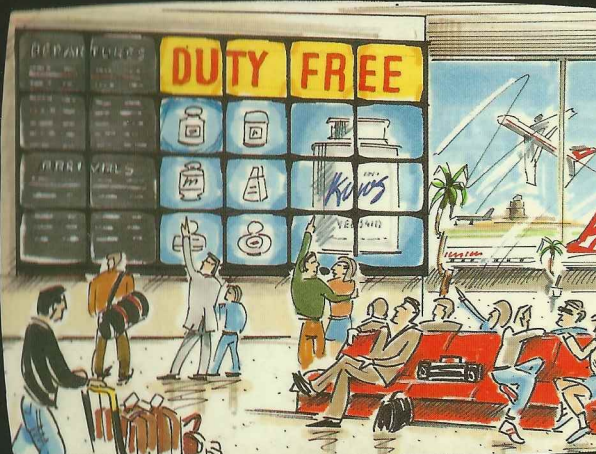
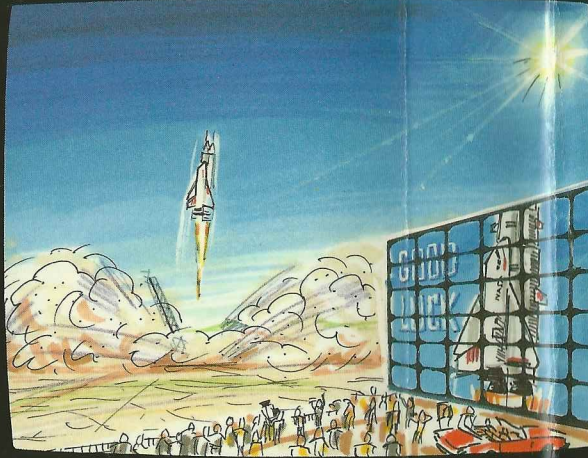
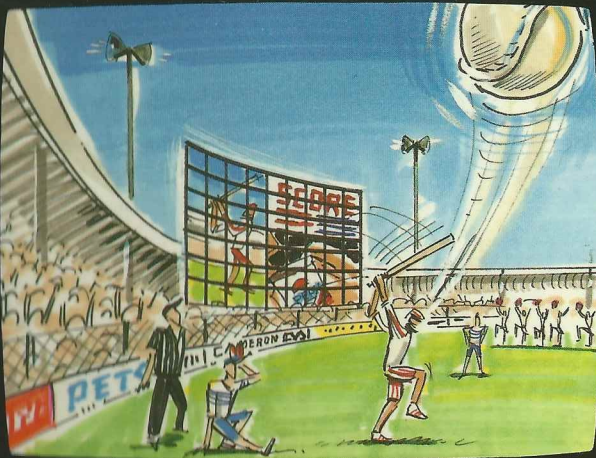
- O mais versátil
- O programa mais fácil
- O melhor preço
- Qualidade de imagem sem rival
- A gama mais ampla de efeitos multi-video

nesse caso **Memopix** é a sua única escolha!

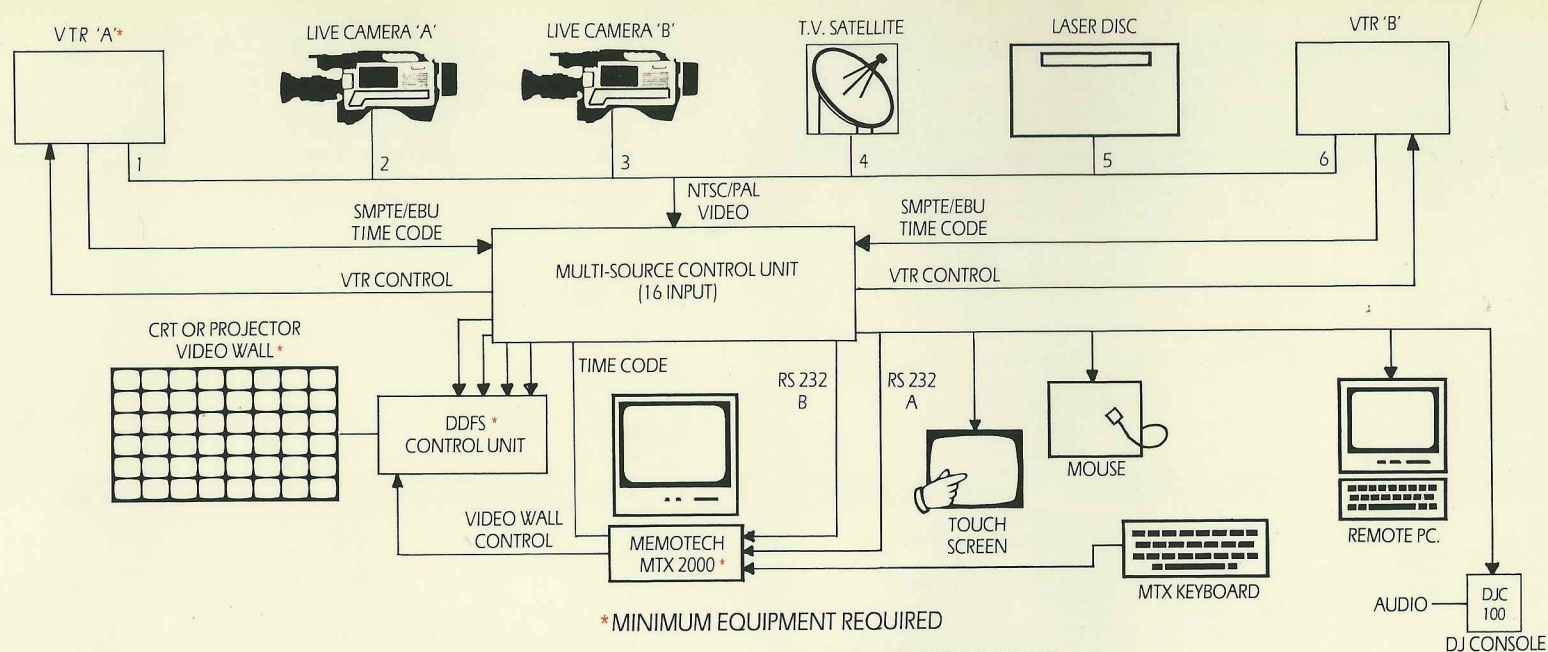
你對電視牆的基本要求是甚麼？

- 最多用途
- 最容易安排節目
- 最合算
- 最佳的圖象質量
- 最廣泛的多視頻效果

因此 **Memopix** 是唯一的選擇。







\* MINIMUM EQUIPMENT REQUIRED

The MEMOPIX 2000 and MEMOPIX 1500 use DDFS 2.0 and DDFS 1.5 respectively. The DDFS videowall electronic control units, MTX computers and computerised audio video components are designed and manufactured in The United Kingdom to the highest standards by Memotech Computers Limited of Witney, Oxfordshire, England. The technologies required to realise high performance videowalls represent the perfect integration of advanced computer techniques with digital video electronics and television. Memotech Computers is in the forefront of both computer and digital video design. This background has permitted Memotech Computers to design and manufacture the Distributed Digital Frame Store (DDFS) system. Since its introduction in 1986 DDFS based videowalls have been unmatched for high definition quality, ease of programming and price. By mid 1989 over 500 DDFS control units were manufactured and shipped.

The DDFS 2.0 frame store card has four times the memory capacity of DDFS 1.5 which gives the MEMOPIX 2000 videowall systems better resolution for single frame and 2 x 2 magnifications. In addition the extra memory allows up to 32 special effects such as distortions, compressions, mirror, inverted and picture in picture to be programmed.

The proprietary computer control system and software is the most advanced and versatile available for any videowall system and since its introduction in 1986 the computer software has set the standard for videowall software. The distributed processing architecture permits any size wall and multiple videowalls to be easily controlled. The unique authoring programming system based on icons and pictorial symbols allows inexperienced users to quickly master the art of programming videowalls.

#### TECHNICAL SOFTWARE FEATURES

- \* Simple user friendly programming system with menus and icons
- \* Auto select menu with queuing and icon wall emulator
- \* Colour wash palette icons
- \* Special effects options with system programmable on screen icons
- \* Up to 8x8 format as standard; extendable using remote mode and multiple MTX 2000 computers to control any size wall.
- \* Built in software EBU/SMPT time code reader
- \* Remote available on all formats
- \* Reconfigurable framestore card nos and screen complexion stored on disk as initialising conditions.
- \* RS232 output for controlling VTRs Laser discs lighting etc
- \* External wait cue implemented on RS232 Input.
- \* DJC 100 Console with simple keypad entry to execute up to 100 different sequences preprogrammed on the MTX 2000 and operated in remote mode.
- \* DJC 100 generates cues at different rates and triggered automatically by an audio input for event synchronization to music

#### TECHNICAL HARDWARE FEATURES

- \* NTSC/PAL or RGB + sync input (1v p-p, 75 ohm)
- \* Optional SC inputs
- \* Low cost PAL/NTSC decoder with dist amps
- \* RGB + sync output (1v p-p, 75 ohm) to monitors/projectors
- \* RGB 8MHz (dither expanded to 32Mhz) sampling real time video framestore for each monitor/projector
- \* Each monitor/projector can display in four modes
  - a) the whole frame/field
  - b) part of the frame/field (size and linear distortion programmable to any quantisation level)
  - c) freeze frame for a) and b)
  - d) colour wash with 8 colours
  - e) 32 special effects modes (DDFS 2.0)
- \* Full interlace interpolation
- \* Digital antialiasing
- \* 128 independently programmable modes per monitor/projector
- \* Microcomputer interface addresses each monitor/projector independently for display mode selection
- \* Rugged anodized aluminium fan cooled enclosures
- \* Multiple source input capability eg 4 sources on 4x4 system
- \* Easily expandable with optional equipment
- \* Low cost MTX2000 computer controller with advanced interactive menu driven software, SMPT/EBU time code reader and real time disk o/s. 3 1/2 inch disks
- \* Optional robust ROM based diskless MTX512S3 computer and software
- \* Optional mouse or touchscreen interface
- \* Optional remote RS232 interface with high level protocol
- \* Optional DJ console with music input event synchroniser (DJC100)
- \* Optional RGB buffer unit for driving up to 6 videowalls from one set of DDFS electronics
- \* Optional software controlled 16inp x 17out cross point video switcher
- \* Optional 4x4, 4x8, 4x12, 4x16 software controlled RGB cross point switch
- \* Optional 4x1 software controlled stereo audio switch

Designed & Manufactured by



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