



Scan Box HX-2 and Scan Box HQ-2

Professional or
smart amateur, this
is the PC/Mac to video
converter for you

Advantages of Scan Box HX-2

- ▶ Autoscan
- ▶ Zoom
- ▶ Automatic memory
- ▶ Compatible with VGA, VESA, XGA2, SGI and Macintosh™
- ▶ RGBS, PAL, NTSC and S-Video output
- ▶ 3-level anti-flicker filter
- ▶ Real time
- ▶ Freeze frame
- ▶ Stereo sound

Both units are supplied with:

- ▶ 1 x 1.5 m SCART/SCART cable
- ▶ 1 x 1.8 m VGA M/F cable
- ▶ 1 x 1.5 m S-Video cable
- ▶ 2 Mac/VGA to DB15/HD15 adaptors
- ▶ 1 x 2 m mains cable

Overview

The Scan Box HX-2 is an image converter that lets you convert graphic images up to 1024 x 768 from your PC and Mac workstations into video compatible with professional standards: composite, PAL or NTSC, RGBS and S-Video. Thanks to a new ASIC, this product benefits from the latest advances in conversion technology. It is fully Autoscan, converts in real time and full screen and has overscan/ underscan and freeze frame functions.

A new adjustable-parameter zoom (up to 200%) leaves you free to choose the best size and position for your image to suit your application.

The Scan Box HX-2 automatic-ally stores up to 16 computer input formats. This makes it possible to store the most-used settings, or ones already made to save yourself work every time you use the unit. This is ideal for sharing or applications where a variety of computers have to be used.

A new 3-level anti-flicker filter greatly reduces the effects which always exist with interlaced images. The operating range of this filter allows you to find the settings best suited to your application.

The audio output on SCART connects the sound card of your computer straight to any standard TV set. All outputs, PAL/NTSC composite, S-Video, RGBS, are available simultaneously (on SCART, BNC and mini DIN 4- pin).

The Scan Box HX-2 is very easy to use and gives you high quality video. It is your professional solution for converting the graphic images from your workstation, whether PC or Macintosh, to video without software.

Advantages of Scan Box HQ-2

The Scan Box HQ-2 has the same advantages as the HX-2, plus:

- YUV output
- Genlock
- Pattern generator
- BETACAM™, DVCAM™, DVCPRO™ recording
- Remote control (option)

A unit similar to the Scan Box HX-2, the Scan Box HQ-2 is valued for its professional Genlock which allows graphics to be overlaid on a video input. This can be done under outside control. Parameters are adjustable for all the "phase lines" and "sub-carriers".

A new integral pattern generator allows the final video display to be checked. Its YUV output for BETACAM™ machines makes it particularly suitable for professional video applications.

The Scan Box HQ-2 is very easy to use and gives you very high quality video. It is your professional solution for converting the graphic images from your work-station, whether PC or Macintosh, to video of up to 1024 x 768 pixels without software.

Typical applications

Videoconferencing, Video recording, Video projection
Video printers, Training, presentations ...

Specifications

INPUTS:

Graphics:

VGA, SVGA, VESA.X, 8514.A, XGA2, Macintosh®, Power Mac, SGI

Auto-detection of all sync frequencies between 31.5 kHz and 50 kHz (up to 1024 x 768, NI)

(DOS, UNIX, Windows, OS/2, MAC OS)

Audio: stereo (channeled through detector)

OUTPUTS:

Checking monitor (channeling through detector)

Pal/NTSC composite video, Y/C (S.Video), RGBS, 625L/50 Hz
CCIR + 525L/60 Hz

Plus on Scan Box HQ-2:

YUV for Digital D1 compatibility

Genlock (HQ-2)

Input: Black burst

PAL/NTSC composite

Output: Channeling through detector

Remote control (RS-232/V.24)

Option with Scan Box HQ-2

Scan Box HX-2: 2 kg

Scan Box HQ-2: 2.4 kg

USER CONTROLS

FRONT PANEL:

- POWER: Power-on LED
- FREEZE: Freeze frame (push button and LED)
- PAL/NTSC
- ANTI-FLICKER: 3 levels
 - Image/position
- Underscan and overscan
- Position: horizontal and vertical
- Zoom
 - Position: horizontal and vertical
 - Size: horizontal and vertical
- Input format
 - LED for input format recognised Plus on Scan Box H
- Genlock
 - Sub-carrier phase adjustment
 - Horizontal line phase adjustment
 - Sub-carrier: 0/180°
 - Sub-carrier: 0/90°
 - Lock-on indicated by LED

REAR FACE:

- Computer input: Hi.Z/75 W
- Plus on Scan Box HQ-2:
 - RGBS or YUV (video) switch
 - Genlock: Hi.Z/75 W switch

CONNECTORS:

Input:

HD15 male (computer)
DIN 5-pin (power)
3.5 mm stereo jack (audio)
Plus on Scan Box HQ-2:
BNC (Genlock)

Output:

HD15 female (checking monitor)
BNC (PAL/NTSC)
Mini DIN 4-pin (Y/C)
SCART (RGSB + composites + audio)
Plus on Scan Box HQ-2:
4 BNC (RGSB or YUV)
BNC (Genlock)

POWER:

External auto-adaptor for 100 to 250 V AC, 50 to 60 Hz

DIMENSIONS:

Scan Box HX-2: L250 x D285 x H40 mm
Scan Box HQ-2: L250 x D285 x H50 mm

Ordering Information

Description	Code
Scan Box HX-2	ACF9302-S
Scan Box HQ-2	ACF9310-S