

The **CF Player®4HD** is a playback device for the presentation of high quality videos, audio sequences and still pictures with an integrated media control unit. Professional technology by the manufacturer of high-quality broadcasting equipment.

CompactFlashCard

FIELDS OF APPLICATION

- Advertising near the product
- Shows
- Point Of Sales (POS)
- Shop Windows
- Infotainment
- Entrance Halls
- Waiting rooms
- Presentations
- Movie Screening
- Fairs and Museums
- Vehicles, Ships, Aeroplanes
- Replacement for Notebooks
- Training Courses
- Cashpoints



The robust device works without any moving parts. Digital contents are stored on CompactFlash memory cards. These cards are absolutely free from wear and can be rewritten almost unlimited.

The integrated clock with calendar function controls the playback sequences according to the current date and time.

Made in Germany

Small dimensions, light weight and very low power consumption of the **CF Player®4HD** make this device the perfect choice for a great variety of applications.

Movies, presentations, still pictures and audio can be freely combined by a playlist. Once a CF memory card is inserted, playback starts automatically in form of an endless loop without any deterioration of quality.

A news ticker can be activated on demand to overlay the movies with real time text input from serial interface or from CF memory card.





Specifications CF Player® 4HD

Features

The **CF Player**® decodes MPEG Files stored on a CompactFlash MemoryCard. The PU has its' own Firmware and Application Software including the following features:

- Management for CF MemoryCards and MPEG Playback
- Interpretation of Playlists, GPS Coordinates and GSM Messages
- Ticker processing and playback
- Operating RS-232 port
- Playback synchronization via internal clock
- IR-Remote Control (optional)

Storage Medium

- CompactFlash MemoryCard all capacities (16MB–4GB)
- Filesystem FAT (FAT16 and FAT32)

Memory Requirements

- Ca. 10 Megabytes per 1 minute of movie with Stereo-Audio
- Examples: 64 MB for 5 minutes of movie plus 150 pictures, 1 GB for 100 minutes of movie

Playback Functions

- Automatic playback of all clips in endless loop (still pictures and/or movies combined)
- Order and duration controlled by an ordinary playlist
- Time controlled via internal batterybuffered clock
- Event control via RS232
- Access time for dedicated content (Movie, Still) < 90ms (0,09 s)
- All playback options are freely combineable

News Ticker

- Display of any textual information near the bottom of the screen as an overlay similar to a news ticker on TV
- Input for Ticker via serial Port Input
- Multiline Text is displayed in a scheduled loop
- Textbuffering and Textinformation will remain even in case of power-loss Textbuffering

Specifications

Formats: MPEG1, MPEG2 (ES, PS), MPEG4 (ASP only), VOB (no PCM audio), AVI, JPEG, VCD, DVD CDDA digital Audio

Video Resolution: EDTV 576p (PAL) 480 (NTSC) Enhanced DTV progressive Scan 720x576p @ 50Hz and 720x480 @ 60Hz, SDTV 576i (PAL) 480i (NTSC) Standard Definition TV interlaced 720x576i @ 50Hz and 720x480i @ 60Hz, LDTV 288i (PAL) 240i (NTSC), 352x288i @ 50Hz and 352x240i @ 60Hz

Input: RS232D via RJ45 8 pin for commands, tickers, etc.

Video-Outputs: Component video RGBHV, YPbPr via DSUB15HD (VGA) female plug, Composite video (FBAS) via RCA-female plug, S-Video via Mini-DIN 4-pin (Hosiden)

Audio-Output: Stereo-Out via 3,5mm Mini Jack

Display Types: Any PAL- or NTSC supporting display RGBHV * (VGA), YPbPr * (YUV)

Video Standard: PAL or NTSC Progressive Scan*

Power: 8V to 35V DC Wide-Range Power Supply input, 4W including CompactFlash Card, external Power Supply e.g. 12V/300mA

Weight (net): 400g, metal case

Dimensions: 119 mm / 131 mm / 28 mm (length / width / height)

Operating temperature: -10 to +60 °C

Options: Available as CF-Player®4HD Plus with extended functions