

CXHD-1000C

HDTV Receiver for MPEG-4 AVC/H.264 & MPEG-2

Crystal clear. Exhilarating. Alive.
HDTV on the new HUMAX CXHD-1000C.

Explore the depths of tomorrow's television with HUMAX. Enjoy everything HDTV has to offer and prepare to be blown away by breathtaking pictures and crystal-clear digital cinematic sound. The television of the future has arrived in the form of the CXHD-1000C.



HUMAX
EASY DIGITAL

CXHD-1000C

HDTV receiver for super-crisp images

The CXHD-1000C from HUMAX is one of the very first HDTV cable receivers for the new high-resolution television format. Thanks to the latest MPEG-4 technology and improved DVB-C reception, the CXHD-1000C is set for the standards of the future while still serving the classical SDTV (PAL) standard. With the CXHD-1000C, you can enjoy crystal-clear pictures tomorrow without having to give up your favorite programs today.

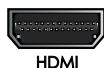
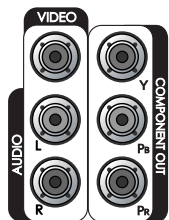
In addition to being able to receive all available HDTV programs, the HUMAX CXHD-1000C also supports all SDTV programs. The smartcard slot opens up a whole new world of exclusive television experience, including a spectrum of Pay-TV options.



Characteristics and functions

1. Standard definition

- SDTV stands for Standard Definition Television, which is the basic PAL signal.
- CXHD-1000C uses the latest image enhancement technology to make even SDTV programs appear sharper than ever, using a HDMI or YUV output.



VS



2. High definition

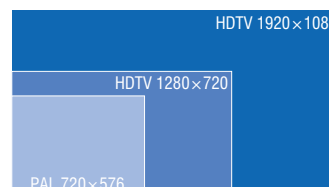
- HDTV stands for High Definition Television, the high-resolution television of the future (MPEG-4 AVC/H.264 and MPEG2).



VS



- MPEG4/H.264 is an improved compression process for digital television and HDTV, a successor of MPEG2.
- 1080i and 720p HDTV video formats:
"p" stands for "progressive" and "i" for "interlaced" images.



3. User interface

- User-friendly electronic program listings
- Comfortable start-up procedure with presets and help function
- On-screen menu in various languages



5. Remote control

- The tried and tested remote controller is designed for easy operation.



7. Display

- The clear alphanumeric display provides all relevant program information.



4. Dolby digital sound

- The CXHD-1000C comes equipped with an optical digital output for extremely realistic spatial sound.



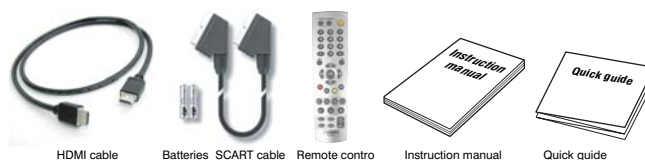
6. Smartcard Slot

- A Smartcard Slot is available for Pay-TV channels.



8. Accessories

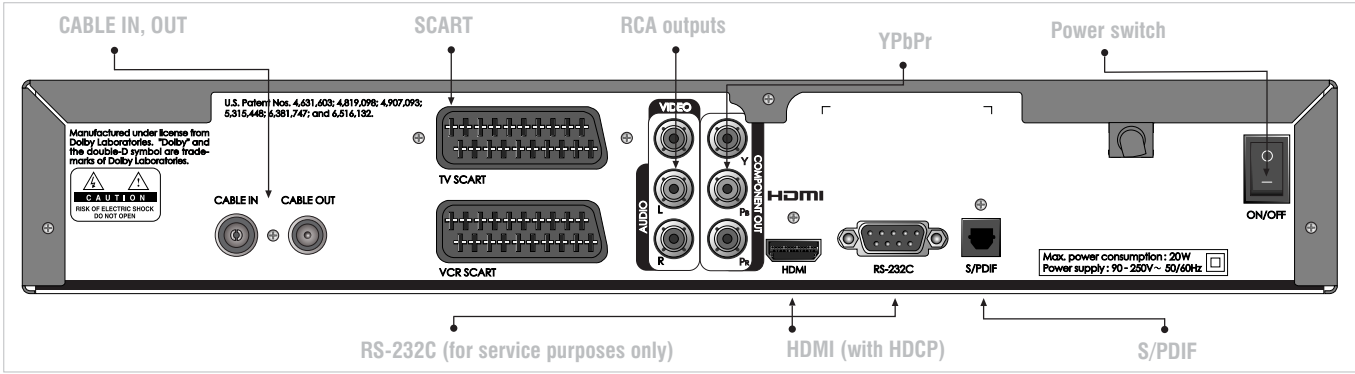
- HDMI cable, batteries, SCART cable, remote control, instruction manual and quick guide



Additional characteristics and functions

- Simultaneous program playback via HDMI, YPbPr, or SCART
- Connections: HDMI (HDCP), YPbPr, 2 SCART, S/PDIF, RCA
- Format resolution: 1080i, 720p, 576p
- DVB-C compatible
- Programs may be sorted numerically, alphabetically, by TV or radio.
- Timer function (coupled with EPG) for pre-programmed switching on and off, among other functions

- Supports HD channel list
- Expanded display with complete program information
- Parental control function (blocking system or individual channels)
- Sorting programs into individualized categories
- Simple program search
- Automatic software updating
- Perfect combination with a HUMAN LCD-TV



Specification

Tuner & Channel

Input Connector	IEC 169-2 female
Frequency Range	51MHz to 858MHz
Signal Level	-15 to + 15 dBmV
Modulation	DVB-C (QAM)
Input Symbol Rate	1.5~7 Ms/s

MPEG Transport Stream A/V Decoding

Transport Stream	MPEG-2 ISO/IEC 13818
Profile Level	MPEG-2 MP@ML, MPEG-2 MP@HL MPEG-4 AVC/H.264 HP@L4
Input Rate	15 MB/s Max
Aspect Ratio	4:3, 16:9
Video Resolution	1080i, 720p, 576p
Audio Decoding	MPEG/MusiCam Layer I & II, Dolby AC-3
Audio Mode	Single mono/dual mono/stereo/joint stereo

Memory

Flash Memory	4MB
Graphic(MPEG) & System DRAM	64MB+32MB
EEPROM	8KB

Audio/Video/Data In/Out

Video	TV-SCART (CVBS, S-Video, RGB) VCR-SCART (CVBS, S-Video)
Audio	RCA-Typ (CVBS), Component (YPbPr), HDMI TV-SCART, VCR-SCART, Audio L/R,
Data	SPDIF (Digital Audio Output) RS-232C (9-pin plug)

Power Supply

Input Voltage	AC 90~250 V, 50/60 Hz
Type	SMPS
Power Consumption	Max 20W
Protection	Separate internal fuse & lightning protection

Physical Specification

Size	370 x 60 x 265mm
Weight (Net)	2.5kg
Operating Temperature	0°C to +45°C
Storage Temperature	-10 °C to + 65°C