

HDCI-2000



**Crystal clear. Exhilarating. Alive.
HDTV on the new HUMAX HDCI-2000.**

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 HDCI-2000.



HDCI-2000 HDTV receiver for super-crisp images

The HDCI-2000 from HUMAX is one of the very first HDTV satellite receivers for the new high-resolution television format. Thanks to the latest MPEG-4 technology and improved DVB-S2 reception, the HDCI-2000 is set for the standards of the future while still serving the classical SDTV (PAL) standard. With the HDCI-2000, 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 HDCI-2000 also supports all SDTV programs. The two Common Interface (CI) slots open up a whole new world of exclusive television experience, including a spectrum of Pay-TV options.



Characteristics and functions

01 Common Interface



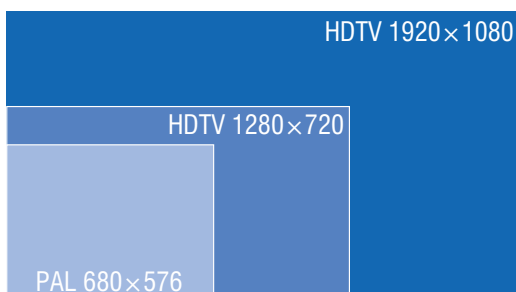
- Two Common Interface (CI) slots are available for Pay-TV channels.

02 High definition

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



- 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.



03 Standard definition

- SDTV stands for Standard Definition Television, which is the basic PAL signal.



- The HDCI-2000 uses the latest image enhancement technology to make even SDTV programs appear sharper than ever, using a HDMI or YUV output.



04 Dolby digital sound

- The HDCI-2000 comes equipped with an optical digital output for extremely realistic spatial sound.



05 Remote control



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

07 User interface

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



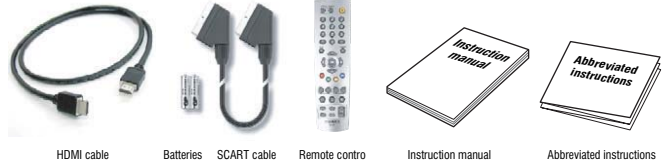
06 Display

- The clear alphanumeric display provides all relevant program information.



08 Accessories

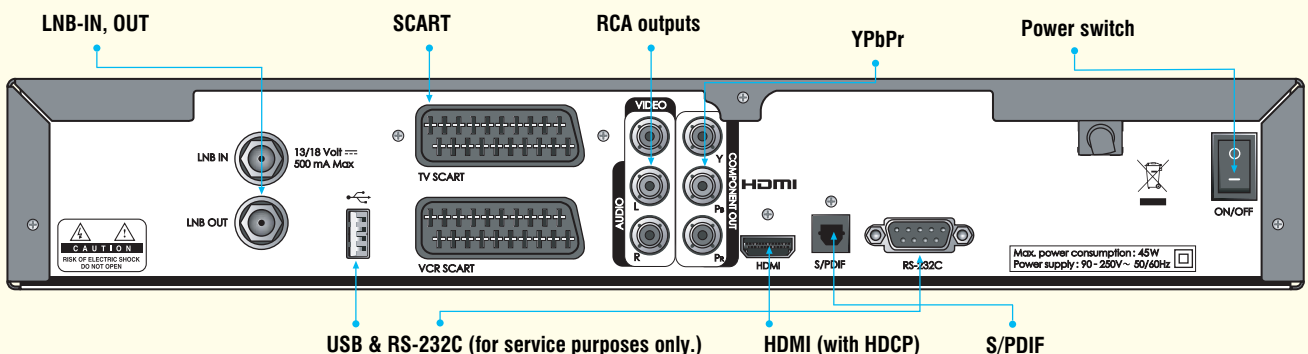
- HDMI cable, batteries, SCART cable, remote control, instruction manual and abbreviated instructions



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-S2 and DVB-S compatible
- Programs may be sorted numerically, alphabetically, by TV or radio, satellite group, or FTA (free-to-air, freely receivable broadcasts)
- Timer function (coupled with EPG) for pre-programmed switching on and off, among other functions
- Adheres to laws protecting minors
- 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
- DiseqC 1.0, 1.2, USALS
- Perfect combination with a HUMAX LCD-TV

Connections





Technical specifications

Tuner & Channel	
Input Connector	F-Type, IEC 169-24, Female
Frequency Range	950MHz to 2150MHz
Signal Level	-25 to 75dBm
LNB Power & Polarisation	Vertical: +13.5V (+14.5V at high voltage) Horizontal: +18V (+18.5V at high voltage) Current: Max. 500mA (Overload protection)
22KHz Tone	Frequency: 22 ± 4KHz Amplitude: 0.7 ± 0.2V
DiSEqC Control	Version 1.0, 1.2, USALS compatible
Demodulation	QPSK, 8PSK
Input Symbol Rate	DVB-S : 2-45 Ms/s DVB-S2 : 10-30 Ms/s (QPSK), 10-31 Ms/s (8PSK)
FEC mode	DVB-S : Auto, 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2 : Auto, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK) Auto, 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK)
MPEG Transport Stream A/V Decoding	
Transport Stream	MPEG-2 ISO/IEC 13818 Transport Stream Specification
Profile Level	MPEG2 MP@ML, MPEG2 MP@HL, MPEG4 AVC/H.264 HP@L4
Input Rate	15 MB/s Max
Aspect Ratio	4:3, 16:9 Letter Box
Video Resolution	720x576, 1920x1080i, 1280x720P
Audio Decoding	MPEG/MusiCam Layer I & II
Audio Mode	Single channel/Dual channel/Joint Stereo/Stereo
Memory	
Flash Memory	4 MB
Graphic(MPEG) & System DRAM	64MB + 32MB
EEPROM	8KB
Conditional Access System	
Common Interface Slots	2
Audio/Video/Data In/Out	
Digital Output	HDMI
Video	TV-SCART (CVBS, S-Video, RGB) VCR-SCART (CVBS, S-Video) RCA-Typ (FBAS) , Component (YPbPr, HDMI)
Audio	TV-SCART, VCR-SCART, Audio L/R, SPDIF (Digital Audio Output)
Data	RS-232C(9pin plug)
Power Supply	
Input Voltage	AC 90~ 250 V, 50/60 Hz
Type	SMPS
Power Consumption	Max 45W
Protection	Separate internal fuse. The input should be protected against lightning.
Physical Specification	
Size	370mm x 60mmx262mm (W x H x D)
Weight (Net)	2.5kg
Operating Temperature	0°C to +45°C
Storage Temperature	-10°C to +70°C