

LDE-HD40S

40" LCD TV with Built-in HD Satellite Receiver

Experience the ultimate in digital TV with HUMAX





LDE-HD40S

LCD-TV with Integrated HDTV Tuner (MPEG4/H.264) and CI-Slot

The LDE-HD40S from HUMAX is one of the very first LCD TV with built-in HD satellite receiver for the new high-resolution television format. Thanks to the latest MPEG-4 technology and improved DVB-S2 reception, LDE-HD40S is set for the standards of the future while still serving the classical SDTV (PAL) standard. With the LDE-HD40S, 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 LDE-HD40S also supports all SDTV programs. The Common Interface (CI) slots open up a whole new world of exclusive television experience, including a spectrum of Pay-TV options.



Features & Functions

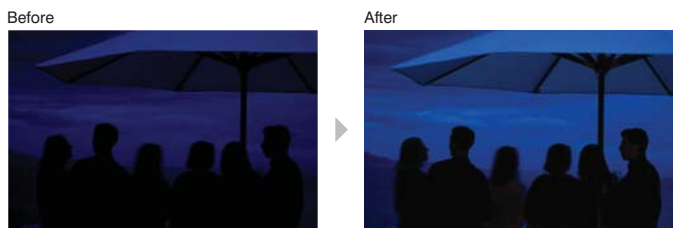
- DVB-S2 (QPSK & 8PSK, H.264)
- Analog Terrestrial & Analog Cable
- HDMI Port (Supports 480i, 480p, 576i, 576p, 720p and 1080i)
- Scrambled channel viewing with CI
- PC Input (WXGA video resolution support)
- Variable Analog Input (Component, SCART, CVBS)
- Picture in Picture (PIP) & Dual Screen (DS) function
- Virtual surround audio: multi-functional SRS TruSurround XT
- Dolby Digital AC-3 Decoding
- Electronic Program Guide (EPG)
- 1366 x 768 HD resolution for razor-sharp visual images and motion video with more than 1 million pixels on the screen
- High brightness for great picture clarity
- High contrast ratio: 1200:1
- Advanced Color Enhancement (Flesh-tone Compensation & Color Enhancement)
- High-speed Motion Adaptive Function / Cross Color Suppression / Noise Reduction / Chroma Bug Removal
- VESA standard wall mounting support (bracket not included)
- Digital Teletext Subtitle & Analog Teletext

Flawless, spotless clarity through advanced technology - that's digital excitement

1. Authentic Colour(Contrast & Colour)



Daytime scenes needing boost of darker colours



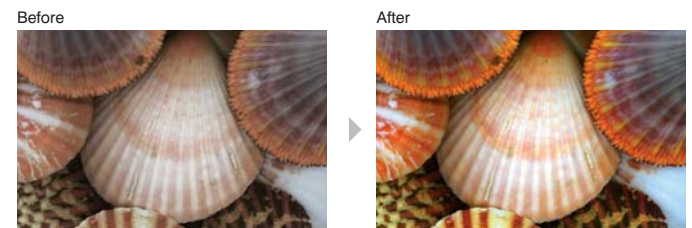
Nighttime scenes needing boost of brighter colours

2. Advanced Colour Enhancement

(Flesh-tone Compensation & Colour Enhancement)



Flesh-tone Compensation



Colour Enhancement

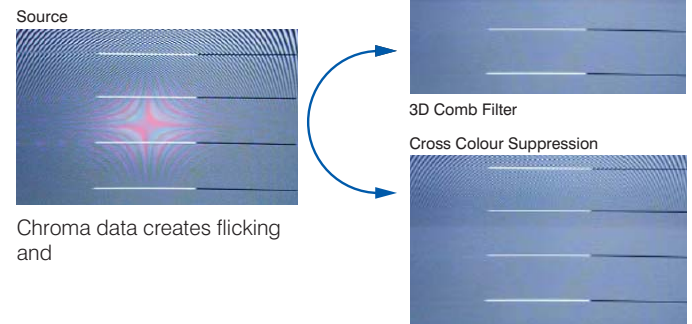
3. High-speed Motion Adaptive Function



(Slow panning as viewed on screen)
High-speed Motion Adaptive Function Removes

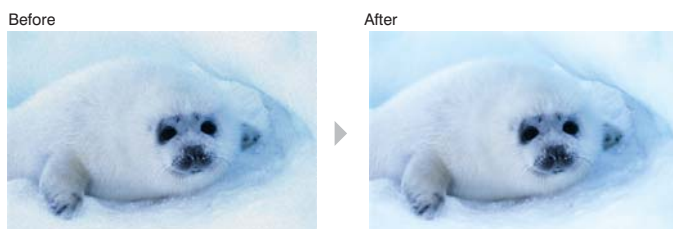
4. Cross Color Suppression

(Compared with 3D Comb Filter)



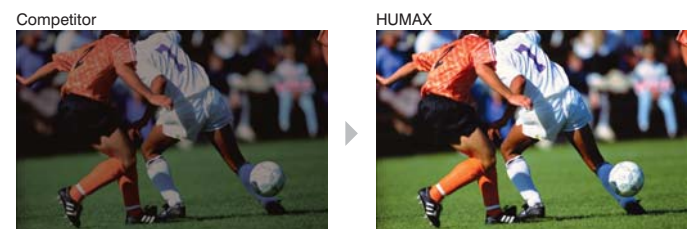
Chroma data creates flicking and

5. Noise Reduction



With True 3-D Noise Filtering, Noise Meter and Flesh-tone Sensitive Filtering, 6-10dB noise reduction can be achieved without loss of

6. ChromaBug Removal :



With independent colour controls and colour space conversion, HUMAX ChromaBug Removal is better at correcting errors in Saturated Colours from MPEG sources.



Specification

Model LCD TV with Built-in HD Satellite Tuner
 Size 40"

Inputs / Outputs

CI	1
SCART	2
RGB SCART(among SCARTs)	1
Composite In(V/L/R)	1
S-Video	1(Share w/CVBS)
Component(Y/Pb/Pr)	1
HDMI	1(in)
S/PDIF	1
PC Input	1
PC Audio Input	1
RS-232C	1
Headphone Output	1

Digital Tuner

Input Connector	IEC-Type, IEC 169-2, Female
Frequency Range	950 to 2150 MHz
Signal Level	-25 to -75 dbm
Modulation	QPSK, 8PSK
Input Rate	1-45 MS/s
Codes Rate	1/2, 2/3, 3/4, 5/6 & 7/8, etc.
Video Decoding System	MPEG-2/MPEG-4 (H.264)
Audio Decoding System	MPEG/MusiCam Layer I & II

Analog Tuner

Receiving System	PAL B/G, D/K, I SECAM B/G, D/K, L
RF Signal	VHF / UHF / Cable TV
Sound Modulation	AM / FM / Nicam
Automatic Tuning System	Yes

PC Mode

Horizontal Frequency	30-70kHz
Vertical Frequency	50-75Hz
Video Bandwidth	1024x768 (75Hz) or 1280 x 1024(60Hz)
Video Modes in PC	480p, 576p, 720p, 1080i

Video

Video System	PAL/SECAM
PIP	(Digital/Analog)
Aspect	Auto, 4:3, 14:9, 16:9, Zoom1, Zoom2
Color Temperature	Cool, Normal, Warm
De-interlacing	3-D Motion Adaptive
3-D Comb Filter	Yes
Noise Reduction	Yes
Sharpness	LTI/CTI
Color Enhancement	Flesh Tone Enhancement

Audio

Amplifier	15W + 15W(Max), 10W + 10W(Typ)
Sound mode(SRS)	SRS Trusurround XT
Speaker Location(Built-In)	Bottom

Software for Digital

EPG	7 day EPG
Digital CH No.	5000
Channel Search	Auto / Manual
FAV Ch No.	100 CH/group (5 groups)
OSD Languages	English, German, Turkish, Russian

Software for Analog

Automatic Tuning System	Yes
Channel Search	Auto/Manual
Teletext	1000 pages
Picture Mode	Standard, Dynamic, Movie, Mild, Game, User
Sound Effect	Flat, Speech, Movie, Music, User

Accessory

RCU	1
Power Adaptor/Power Cable	1
Manual	1
Battery	AAA x 1

Others

VESA Wall Moun	Yes (600mm x 200mm)
Input Voltage	100-240V, 50/60Hz

Dimensions

Width x Height x Depth (with stand)	1049 x 788 x 253 mm
Width x Height x Depth (without stand)	1049 x 753 x 124 mm
Weight	35.5kg