

LEGEND

High Definition Digital TV Receiver

high resolution picture



High Definition produces sharper than life picture quality and Dolby 5.1 digital surround sound. The higher resolution produces clarity like you have never seen from a TV before. Films retain their original width, enhancing your home theatre experience.

High Definition (HD) provides up to twice the horizontal and up to almost three times the vertical resolution of Standard Definition (SD) on 16:9 Wide Screen display.

What does the Legend High Definition Digital TV Receiver offer you?

- Receive High Definition Digital Television transmission
- Variable aspect ratio (Widescreen and Letterbox)
- Incredibly sharp images
- Richer and more vibrant colours
- Electronic Program Guides (EPG) complete with program information
- Automatic channel scan

STOCK CODE - LHD2

FEATURES

Receive High Definition Digital Television Signal on selected programs

Variable aspect ratio (Widescreen & Letterbox)

Electronic Program Guides complete with program information at your finger tips

Automatic channel scan

Channel list editor

RCA, S-VIDEO, RF, Component, VGA & DVI video outputs

576 / 720 / 1080i (PAL) + 480 / 720i (NTSC)

Fully comply with DVB and MPEG-2 standards

SPDIF Digital Audio Output for an external Dolby Digital television or Digital Amplifier or DAC

Software upgrades through RS-232 port and Receiver to Receiver

Automatic network search for newly added channels/programs

Full function IR remote control

Signal strength display

Channel management and control



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Specifications

Tuner:

- Input: RF
- UHF : 520MHz to 820MHz VHF : 174MHz to 230MHz
- Input impedance 75 Ohms
- Signal Level - 85dBm to -20dBm
- Connector - IEC169-2, Female, Loop Through
- Channel Bandwidth - UHF / 7MHz, VHF / 7MHz
- Channel Assignment - Australia Channel and $\pm 166.666\text{KHz}$ offset
- Modulation Modes - QPSK, 16QAM, 64QA

Demodulation:

- Standard DVB-T
- OFDM Spectrum 2k and 8k -carrier non-hierarchical and hierarchical (DVBT-T and NorDig compliant)
- Modulation Modes QPSK, 16QAM, 64QAM
- Guard Interval Modes 1/32, 1/16, 1/8, 1/4 active symbol duration
- FEC Modes Rate 1/2, 2/3, 3/4, 5/6, 7/8

Memory:

- Serial Flash Memory - 1MB
- Nand Flash Memory - 128MB
- DDR SDRAM - 64MB

Video decoder:

- Standard CD ISO/IEC 13818-2, MPEG-2 MP@HL
- Video aspect ratio 4:3, 16:9
- Video system ATSC

Audio decoder:

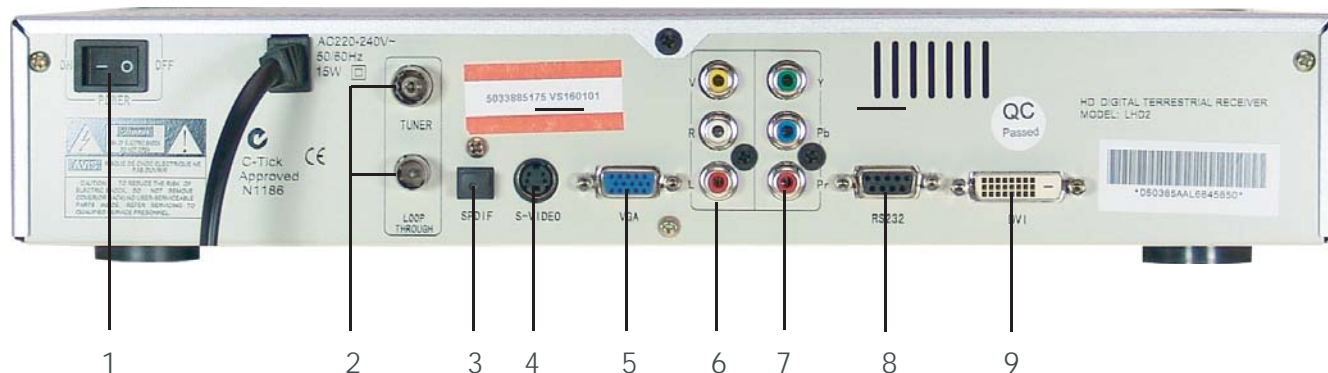
- Standard ISO/IEC 11172-3
- Audio decoder MPEG-1 Layer I and II
- Audio channel Dual-channel, DOLBY 5.1
- Volume control 10 Levels adjustment

Connector:

- RF output (optional) 1-65 CH
- Audio output 2 X RCA (Dual-channel), SPDIF(DOLBY 5.1)
- Video output 1 X RCA (CVBS), 3 X RCA (YpbPr), VGA (RGB), DVI 1 X Min Din (S-video)

Size: 370x242x70mm (L/W/H)

Rear of unit



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|-------------------------|---|
| 1. Power switch (220V) | 6. RF signal output |
| 2. Tuner (signal input) | 7. Video output |
| 3. SPDIF | 8. RS232 (serial data interface – for software upgrades only) |
| 4. S-Video Output | 9. DVI |
| 5. VGA output | |