



HST817 SD TV Receiver

HST817 is an new Digital Television receiver that provides the most useful connectivity options. Older TV's without an AV input connect via an integrated RF Modulator. Component or Composite video outputs can connect to wide screen 16:9 or traditional 4:3 shape screens and displays. You can choose between CD quality Stereo or Digital SPDIF Coaxial Audio for

surround decoders. HST817 functions include Electronic Program Guide, Closed Caption subtitles, Teletext, Program list sorting, Parental Program control, Games, Automatic last channel save, USB2 Multimedia jpeg & mp3 Player and 9 channel mosaic. Picture in graphics and a unique 'rotating device' On Screen Display simplify operation.

Works with older TV's

Plays jpeg & mp3



features include:

- Quick and easy to install
- 1000 channel memory capacity
- Excellent Video and Audio quality
- Favourite TV and Radio program lists
- Automatic Daylight Saving clock change
- Timer programmable via EPG (SCART)
- Parental menu and channel Lock functions
- Automatic and Manual channel scan options
- Active antenna supported with 5V DC output
- Meets Minimum Energy Performance Standards
- Mosaic function: provides overview of 9 Channels
- Gomoku game, Calendar and Calculator included
- RF Out, CVBS or RGB Video (SCART), Audio L, Audio R, SPDIF Coaxial and USB2.0 connections
- Electronic Program Guide (EPG) with up to 8 days of On Screen program information
- An RF Modulator is built in enabling connection to older TV's without an AV input
- LED Display shows time, channel no. or can be switched off to save electricity
- Mains power switch simplifies resetting the receiver when required
- PAL and NTSC identified and converted automatically or manually
- S/PDIF output connects to a digital audio decoder / amplifier
- USB2.0 port to play jpeg and mp3 files; and update firmware
- Multi-lingual subtitling and audio track where transmitted
- Teletext (On Screen Display & Video Blanking Interval)
 - Supports broadcaster defined channel numbering



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Specifications

Demodulator

Modulation Waveform: COFDM
 Constellation: QPSK, 16QAM, 64QAM
 Transmission mode: 8K & 2K
 Guard Interval: 1/4, 1/8, 1/16, 1/32
 Code Rate: 1/2, 2/3, 3/4, 5/6, 7/8
 Input Symbol Rate: 2 - 45 Ms/s

Video Decoder

Profile level: MPEG2 MP@ML
 Input Rate: Max. 100 Mbits/s
 Video Resolution: 720 x 576 (PAL), 720x 480 (NTSC) pixels
 Aspect Ratio: 4:3, 16:9

Audio Decoder

ISO/IEC 11172 LAYER I&II
 Sampling rate: 32, 44.1, 48 kHz
 Audio modes: Stereo, Mono

Tuner

Frequency Range: 174MHz to 862MHz VHF and UHF
 RF Input Level: -78 to -20dBmV
 Antenna Power: 5 V. Short circuit protected

System & Memory

CPU: CT216T
 Flash Memory: 2 Mbytes
 SDRAM: 16 Mbytes
 Remote Control: 36 key, IR Remote Control

Connectors

Antenna IN (IEC 9.5mm female)
 Loop OUT (IEC 9.5mm male)
 Loop In (IEC 9.5mm female)
 To TV modulator out (IEC 9.5mm male)
 3 RCA for Video (Yellow), Audio Left/Right (White/Red)
 2 SCARTS TV (RGB, CVBS) / VCR (CVBS)
 1 x RCA: S/PDIF coaxial output
 Mains power lead and plug
 USB2.0 slave port

General Data

Case Colour: Silver or Black as available
 Input Voltage Range: 90 - 240 V AC @ 50/60 Hz
 Power consumption: >7W max, standby 1W
 Operating Temperature: +0° ~ 40° C
 Storage Temperature: -30° to 80° C
 Operating Humidity Range: 10% - 85%, RH, non-condensing
 Size: 260mmW x 210mmD x 40mmH
 Weight: 1.5 kg

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