

IsleSat

Serving Shetland,
Fair Isle and Orkney

Installation, Sales &
Service

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TM-6800 HD High Definition Satellite Receiver



High Definition Satellite Receiver + 10,000 Channels + USB 2.0 with: PVR Ready for Timeshift, Record & Playback of Channels, MP3/JPEG Playback & Software Download + 1 Card Reader + 2 Common Interface (2CI) + HDMI & Component Output with Upscaler + Dolby D

One of the fastest receivers ever!

Specification

- DVB-S/DVB-S2 Satellite Compliant (MPEG-2/ MPEG-4/ H.264)
- Output resolution: 576p & 576i, 720p & 1080i
- 1 Smart Card Reader & 2 Common Interfaces (2CI)
- HDMI & Component Output (YPbPr) with Upscaler to Improve Picture Quality
- 10,000 TV & Radio Channels
- USB2.0 PVR Ready via external HDD or USB Flash Drive (memory stick) with Timeshift, Record & Playback functions
- MP3 player and JPEG viewer via external HDD or USB Flash Drive (memory stick)
- Software & Channel List download via USB 2.0
- Fully Featured VFD text Front Panel Display
- Sensitive Tuner
- Less than 1 second channel change
- Dolby Digital Optical S/PDIF
- DiSEqC 1.0, 1.1, 1.2 & 1.3 (USALS) compatible
- Auto Navigation system – select as many satellites as you want to search
- On-screen display with true full color resolution
- Enhanced 16 Favorite channel groups
- Channel control by: Favorites, Lock, Skip, Move & Delete
- Channel sort by: All, Alphabet, Transponder & CAS
- Multilingual OSD Menu: English, Spanish, Portuguese, French, Dutch, German, Italian, Turkish, Arabic, Russian, Persian
- Extended EPG and program reservation on EPG
- Teletext & Subtitle by OSD and VBI
- Last channel memory function
- Factory default channel list
- Various games
- Software & channel list upgrade via RS-232C: PC to STB, STB to PC, STB-STB and USB
- Parental, Installation & Receiver Lock
- Zoom function on Pause & Live channel
- Multipicture display
- Support for multiple language broadcasts
- SCPC & MCPC receivable from C/Ku band satellites LNBs supported: Universal, Single, Single S & C band wideband LNBs
- Multi TV Standards supported: PAL G, I, K, M
- 4:3 & 16:9 Screen Formats
- 90-250V AC 50/60 Hz
- LNB Short Circuit protection onboard
- 2 Scarts & S-Video
- Dimension 390x272x70 mm

Options

- Technical Specifications
- TUNER & CHANNEL Satellite Input connector F-type, IEC 169-24, female
- Loop through connector F-type, IEC 169-24, female
- Frequency range 950 MHz ~ 2150 MHz
- Input impedance 75Ω unbalance
- Signal level -25 to -69dBm
- LNB power & Polarisation 14V/18.5V, Max. 400mA
- 22 KHz tone (22±2)KHz, (0.6±0.2)V
- DISEqC control Version 1.0 &1.2 Compatible, USALS
- Demodulation QPSK, 8PSK
- Input symbol rate DVB-S: 1 ~ 45 Ms/sDVB-S2: 10 ~ 30Msps (QPSK,8PSK)
- FEC decode DVB-S: 1/2, 2/3, 3/4, 5/6 and 7/8DVB-S2:1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK).3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK)
- MPEG Transport Stream & A/V Decoding Transport stream MPEG-II ISO/IEC 13818
- Profile level MPEG-II MP@ML, MPEG-IIMP@HL, MPEG-IV AVC/ H.264 HP@L4.0
- Input rate Max. 15Mbit/s
- Video formats 4:3 Letterbox, 4:3 Pan & Scan, 16:9
- Video resolution 720 x 576, 720 x 480, 1920 x 1080i, 1280 x 720P
- Audio decoding MPEG/ Musicam Layer □&□
- Audio mode Stereo/ Joint stereo/ Mono
- Sampling rate 32KHz, 44.1KHz and 48KHz
- Main System Main processor 32 bit superscalar RISC CPU
- Memory Flash-Rom: 64MbitDDR DRAM: 512MbitEEPROM: 256Kbit
- Conditional Access Interface PCMCIA 2 Slot (DVB Common Interface Standard)
- Smart Card Reader 1 Slot (HTM 8000 HD+ only)
- A/V In/Out TV SCART Video output (CVBS,RGB) · Audio output (L,R)
- VCR SCART A/V output (CVBS, L/R)A/V input (CVBS, RGB, L/R)
- Video RCA/ Cinch, Video output (CVBS)Component output (YPbPr)HDMI (High Definition Multimedia Interface)S-Video
- Audio L/R RCA/ Cinch, Volume and Mute control
- S/PDIF Optical digital audio output
- Data Port RS-232C Transfer rate 115Kbps, 9 pin D-sub type
- USB USB 2.0 Host(Support 1 USB Port on Front Panel)
- Power Supply Input voltage AC100-250V, 50/60Hz
- Type SMPS (Switching Mode Power Supply)
- Power consumption Max. 55W
- Protection Separate Internal Fuse (The input shall have lightning protection)
- General Data Dimensions (W x D x H) 335 x 247 x 58.5 mm
- Weight ca 3,500 g
- Operating temperature 0°C ~ +45°C
- Storage temperature -10°C ~ +70°C