

HIGH DEFINITION Digital Satellite Receiver



TF7700HSCI

2 Common Interfaces for CONAX, CRYPTOWORKS,
IRDETO, NAGRAVISION, SECA & VIACCESS

- *MPEG-2 / MPEG-4 / H.264 HD Digital video decoding*
- *Sharper pictures and clearer digital sound*
- *HDMI output*
- *Simple & easy on screen set up*
- *Firmware upgrade by USB & Over-The-Air*

TF7700HSCI



- MPEG-2/MPEG-4/H.264 HD, SD Digital Video Decoding
- DVB-S2 and DVB-S compliant
- 2 Common Interfaces for CONAX, CRYPTOWORKS, IRDETO, NAGRAVISION, SECA & VIACCESS
- DiSEqC 1.0, 1.1, 1.2 and USALS (DiSEqC 1.3)
- 5000 services (TV and Radio) programmable
- Service list editing
- Favorite service list editing
- 30 favorite service groups support
- 1080i, 720P, 576P, 576i Video Out
- Multilingual audio support
- Multilingual menu text support
- GMT and Time Offset support
- Full Picture In Graphic (PIG) function
- Electronic Program Guide (EPG) for on screen service information
- Subtitle supported
- Teletext supported by VBI insertion and software emulation
- Parental lock facility by service and program event
- Firmware and Data transfer from receiver to receiver
- Exciting games embedded
- S/PDIF for digital audio
- SCART and RCA A/V output
- Y,Pb,Pr & HDMI output for HD video
- VCR Timer function
- VFD Display for service information
- Firmware upgrade by Over-The-Air
- Firmware upgrade by USB

Tuner & Channel Decoder

1 Tuner	DVB-S2/S
Input/Loop through Connector	F-type, IEC 169-24, Female (Only signal bypass)
Frequency Range	950 ~ 2150MHz
LNb Power & Polarization	Vertical : +13VDC Horizontal : +18VDC Current : Max. 500mA with Overload Protection
22KHz Tone	Frequency : 22±1KHz Amplitude : 0.65±0.2V
DiSEqC Control	Version 1.0/1.1/1.2/1.3 Compatible
Demodulation	QPSK, 8PSK
Input Symbol Rate	1~45MSPS(DVB-S QPSK), 20~30MSPS(DVB-S2 QPSK) 10~30MSPS(DVB-S2 8PSK)
Code Rate	QPSK:1/2,3/5,2/3,3/4,4/5,5/6,8/9,9/10 8PSK:3/5,2/3,3/4,5/6,8/9,9/10

MPEG Transport Stream A/V Decoding

Transport Stream	ISO/IEC 13818-1 MPEG-2, H.264/AVC Transport stream Specification
Profile Level	MPEG-2 MP@ML, MP@HL, MPEG-4 H.264/AVC
Aspect Ratio	4:3, 16:9, Pan & scan, Letterbox
Video Resolution	576i, 576p, 720p, 1080i
Audio Decoding	MPEG-1 Layer 1 & 2, Dolby Downmix

Main System

Main Processor	ST40
Memory	Flash-ROM: 4MB RAM: 128MB DDR SDRAM EEPROM: 2Kb

Conditional Access Interface

PCMCIA	2 slots DVB Common Interface standard
Smart Card	Optional.

A/V & Data In/Out

TV-Scart	Video CVBS/S-VIDEO/RGB/YUV output Audio L/R output
VCR-Scart	Video CVBS output Audio L/R output Video CVBS/S-VIDEO/RGB/YUV input bypass Audio L/R input bypass
HDMI	HD Video/Audio Output
RCA A/V	Video(YPbPr), Video (CVBS), Audio (L/R) output
S/PDIF(Optical)	Digital audio or Dolby AC3 bitstream output
USB	USB2.0 HOST
RS-232C	9 pin D-sub type Transfer rate : max. 115.2Kbps
RF Modulator	None

Front Panel

Keys	5Key (Power, Volume Up/Down, Channel Up/Down)
LEDs	None
4-digit 7-segment LEDs	None
VFD or LCD	Service number/name or time display
RCU	37 Keys

Power Supply

Input Voltage	90 ~ 250VAC, 50/60Hz
Type	SMPS
Power Consumption	Running: Max. 37W, Standby: 5W
Protection	Separate internal fuse, The input shall have lightning protection.

Physical Specification

Size(W x H x D)	430x 60 x 262 mm
Weight(Net)	2.9kg

* Specifications and functions may be changed for improvement without notice in advance.

