

# TF6000F

Digital Satellite Receiver



## Free To Air

- ▶ MPEG-2 digital and fully DVB compliant
- ▶ Multilingual Audio support (15 languages on average)
- ▶ Multilingual menu text support (15 languages on average)
- ▶ 5000 Services TV & radio programmable
- ▶ Service switching time less than 1 second
- ▶ Favorite service list editing
- ▶ 256 colors On-Screen Display (OSD)
- ▶ Full Picture In Graphic (PIG) function
- ▶ Electronic Program Guide (EPG) for on screen service information
- ▶ Subtitle supported
- ▶ DiSEqC 1.0, 1.1, 1.2 and USALS(DiSEqC 1.3)
- ▶ RF-modulator output
- ▶ Teletext supported by VBI insertion and software emulation
- ▶ Parental lock facility by service and program event
- ▶ Program and service information transfer from receiver to receiver
- ▶ Exciting games embedded
- ▶ RCA A/V and RF-modulator output
- ▶ Firmware upgrade by Over-The-Air



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## TF 6000F SPECIFICATION

### Tuner & Channel Decoder

Input Connector	F-type, IEC 169-24
Frequency Range	950 ~ 2150MHz
Signal Level Input	-65 ~ -25dBm
LNB Power & Polarisation	Vertical : +13.5VDC
	Horizontal : +18.5VDC
	Current : Max.400mA
	Overload protection
22KHz Tone	Frequency : 22 ± 1KHz Amplitude : 0.65 ± 0.2V
DiSeqC Control	V1.0/1.1/1.2/1.3(USALS) compatible
Demodulation	QPSK
Input Symbol Rate	1 ~ 45MS/s
Code Rate	1/2, 2/3, 3/4, 5/6 and 7/8

### MPEG Transport Stream A/V Decoding

Transport Stream	ISO/IEC 13818-1 MPEG-2
Profile Level	MPEG-2 MP@ML
Aspect Ratio	4:3, 16:9, Pan & Scan, Letterbox
Video Resolution	720 x 576
Audio Decoding	MPEG-1 Layer 1&2

### Main System

CPU	ARM920T 150MIPS@133MHz
Memory	Flash-ROM : 1MB
	RAM : 8MB SDRAM

### RF - Modulator

RF - Connector	75Ω, IEC 169-2, Female/Male
Frequency	470 ~ 890MHz
Output Service	CH21 ~ 69(PAL)/CH14 ~ 83(NTSC)
TV standard	PAL G/I/K/NTSC-M selectable by Menu

### A/V & Data In/Out

RCA A/V	Video CVBS output
	Audio L/R output
RS-232C	9 pin D-sub type
	Transfer rate : max. 115.2Kbps

### Front Panel

Keys	3 Keys (CH-/+, STANDBY)
LEDs	STANDBY, REMOTE, EXT
RCU	42 Keys

### Power Supply

Input Voltage	90 ~ 250VAC, 50/60Hz
Type	SMPS
Power Consumption	Running : Max. 24W, Standby : 10W
Protection	Separate internal fuse.
	The input shall have lightning protection.

### Physical Specification

Size (W x H x D)	260 x 54 x 185 mm
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\* Specifications and functions may be changed for improvement without notice in advance.



**TOPFIELD**

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