

# TF5000PVR *Masterpiece*

Digital Satellite Receiver with CI and HDD

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

- MPEG-2 digital and fully DVB compliant
- VFD Display for service information
- 2 tuners
- Dual recording and playback
- MP3 (MPEG-1 Layer 3) decoding
- Multilingual Audio support (15 languages on average)
- Multilingual menu text support (15 languages on average)
- Dual decoding (PIP)
- Dual recording and Time-shifting simultaneously
- RTC(Real-Time-Clock)
- USB2.0 supported for fast PC interface
- 5000 Services (TV & radio) programmable
- Service list editing
- DiSEqC 1.0, 1.1, 1.2 and USALS(DiSEqC 1.3)
- Favorite Service list editing
- Electronic Program Guide (EPG) for on screen Service information
- Teletext-Subtitle and DVB-Subtitle supported
- 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
- Firmware upgrade by Over-The-Air
- Exciting games embedded
- S/PDIF for digital audio or Dolby AC-3 bitstream output
- Recording capacity: 80 hours for 4Mbps stream with 160GB HDD
- Powerful trick mode supported
- Playback of the selected region repeatedly



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## TF 5000PVR Masterpiece SPECIFICATION

| Tuner & Channel Decoder            |  |
|------------------------------------|--|
| 2 Tuners                           | Decoding & recording (or decoding)           |
| Input/Loop through Connector       | F-type, IEC 169-24, Female                   |
| Frequency Range                    | 950 ~ 2150MHz                                |
| Signal Level Input                 | -65 ~ -25dBm                                 |
| LNB Power & Polarisation           | Vertical : +13.5VDC                          |
|                                    | Horizontal : +18.5VDC                        |
|                                    | Current : Max.500mA                          |
|                                    | 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 & 3                        |
| Main System                        |  |
| CPU                                | NEC EMMA2, uPD61130                          |
|                                    | (CPU=MIPS, VR4120A 200MIPS@167MHz)           |
| Memory                             | Flash-ROM : 2MB                              |
|                                    | RAM : 64MB                                   |
|                                    | EEPROM : 2Kb                                 |
| HDD                                | 160GB/80GB, 120GB (optional)                 |
| 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          |
| Conditional Access Interface       |  |
| PCMCIA                             | 2 slots                                      |
|                                    | DVB Common Interface Standard                |
| 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 input bypass          |
|                                    | Audio L/R input bypass                       |
| S-VIDEO                            | Video S-VIDEO output                         |
| RCA A/V                            | Video CVBS output                            |
|                                    | Audio L/R output                             |
| S/PDIF                             | Digital Audio or Dolby AC-3 bitstream output |
| RS-232C                            | 9 pin D-sub type                             |
|                                    | Transfer rate : max. 115.2Kbps               |
| USB                                | USB 2.0 Device                               |
| Front Panel                        |  |
| Keys                               | 5 Keys (CH-/, VOL +/-, STANDBY)              |
| LEDs                               | TV/STB, REMOTE, STANDBY                      |
| VFD                                | Service info. or Time display                |
| RCU                                | 48 Keys                                      |
| Power Supply                       |  |
| Input Voltage                      | 90 ~ 250VAC, 50/60Hz                         |
| Type                               | SMPS   |
| Power Consumption                  | Running : Max.45W, Standby : 12W             |
| Protection                         | Separate internal fuse.                      |
|                                    | The input shall have lightning protection.   |
| Physical Specification             |  |
| Size (W x H x D)                   | 430 x 60 x 265 mm                            |
| Weight (Net)                       | 5.2 Kg                                       |

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



## TOPFIELD

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