

**Experience the future
of Digital Receiver!**



* Specifications, functions or design of this product shall be subject to change for improvement without any further notice.

Tuner & Channel Decoder	
Input/Loop through Connector	F-type, IEC 169-24, Female
Frequency Range	950-2150 MHz
LNB Power & Polarization	Vertical : +13.5 V DC Horizontal : +18.5 V DC Current : Max. 500mA with overload protection
22KHz Tone	Frequency : 22±1 kHz Amplitude : 0.65±0.2 V
Demodulation	DVB-S, DVB-S2
Input Symbol Rate	1-45 MS/s
Code Rate	1/2, 2/3, 3/4, 5/6 and 7/8

DVB Compliant A/V Decoding	
Transport Stream	ISO/IEC 138-18 MPEG-2, H.264/AVC
Aspect Ratio	4:3, 16:9
Video Resolution	576i, 576p, 720p, 1080i

etc	
LAN	10/100 Ethernet
USB	USB 2.0 Host (1 ports)
eSATA, HDMI	External Hard Disk Drive

Front Panel	
Keys	7 keys (1 Power key + 6 Touch Keys)
Display	Vacuum Fluorescent Display
USB	USB 2.0 HOST (2 ports)

A/V & Data In/Out	
RCA A/V	Composite video output (CVBS) Component video output (YPbPr) L/R audio output Composite video input (CVBS) L/R audio input
SCART	CVBS, YUV, RGB video output L/R audio output
HDMI	Digital video output Digital audio output (PCM) Dolby Digital audio output (Bitstream) Dolby Digital audio output (2 ch. Down-mixing)
S/PDIF (optical)	Digital audio output (PCM) Dolby Digital audio output (Bitstream) Dolby Digital audio output (2 ch. Down-mixing)

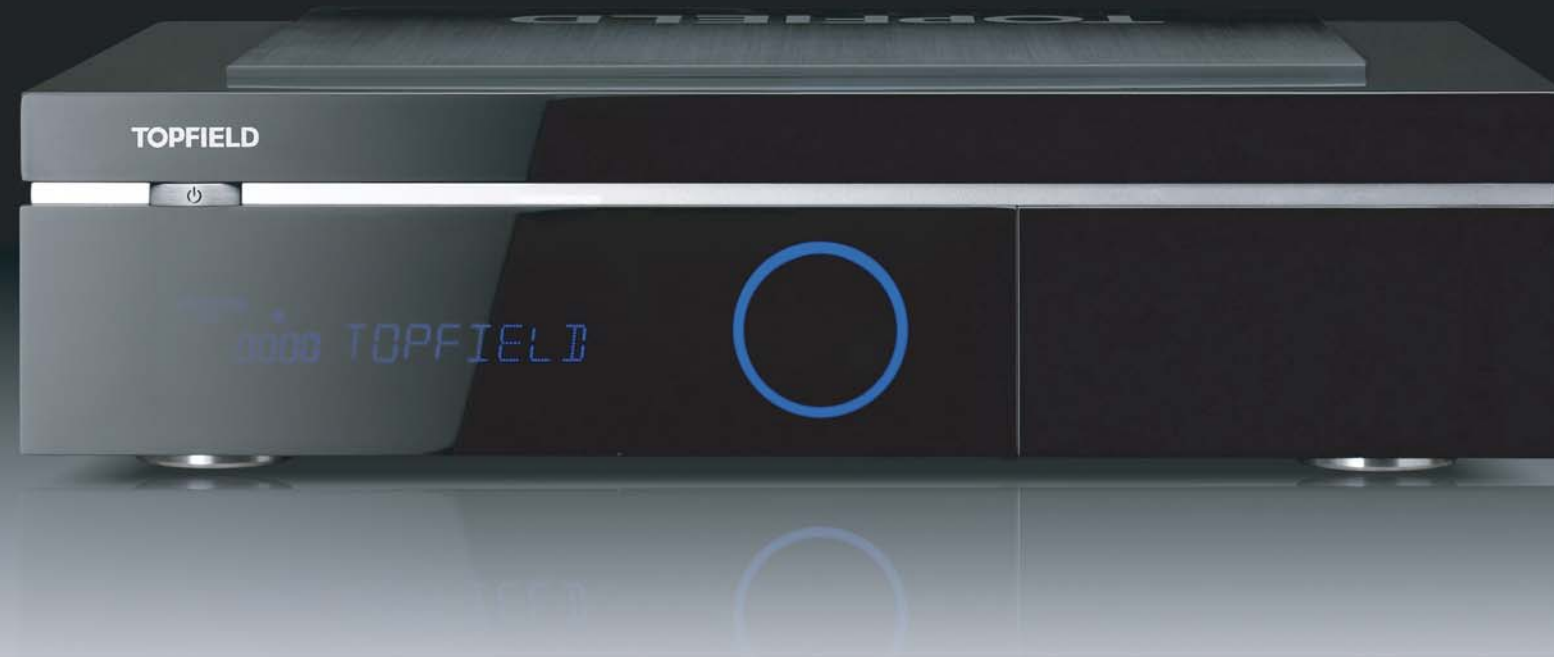
Power Supply	
Input Voltage	90-250VAC, 50/60 Hz
Type	SMPS
Power Consumption	Running: Max. 60W, Standby: 7W
Protection	Separate internal fuse The input shall have lightning protection

Physical Specification	
Size(W x H x D)	340 x 258 x 82 mm
Weight(Net)	3.8 kg

Features available at launch

- Fully compliant with DVB-S2.
- * High profile level 4.1 H.264/AVC streams @ 30fps
- * High or main profile level 3.1 H.264/AVC streams @ 60fps
- * HD MPEG2 4:2:0 streams @ 30fps
- * SD MPEG2 4:2:0 streams @ 60fps
- Supports DiSEqC 1.0, 1.1, 1.2 and USALS protocols for dish control.
- Stores up to 7,000 TV services and 3,000 radio services.
- Displays picture-in-picture with two HD services.
- Supports time-shift up to 5 hours at maximum.
- Records two services simultaneously while displaying another service.
- Able to record directly to both an external hard drive and a built-in hard drive (USB/eSATA).
- Playing recorded programmes at up to 64 times speed at maximum.
- Enables you to sort out any undesirable parts such as commercials during the programme.

Topfield Media Solution



- Supporting video files of DivX 3.11, 4.1 and 5.x.
- Displays JPEG image files.
- Featuring a double-player game 'BATTLE TANK'.
- Plays media contents of YouTube.
- Firmware updates available : over-the-air, with a USB memory stick, and from the Topfield's firmware server via Internet.

Features will be available by firmware updates

- Enables you to record the video from an external device such as a digital camera.
- Enables you to chat with other users via Internet.
- Enables you to enjoy the double-player game with other users via Internet.
- Enables you to transfer media files between the PVR and your computer with embedded web & FTP servers.
- Supports MediaHighway EPG
- Supports Sony tvtv EPG



PVR

Playing recorded programmes at up to 64 times speed at maximum.



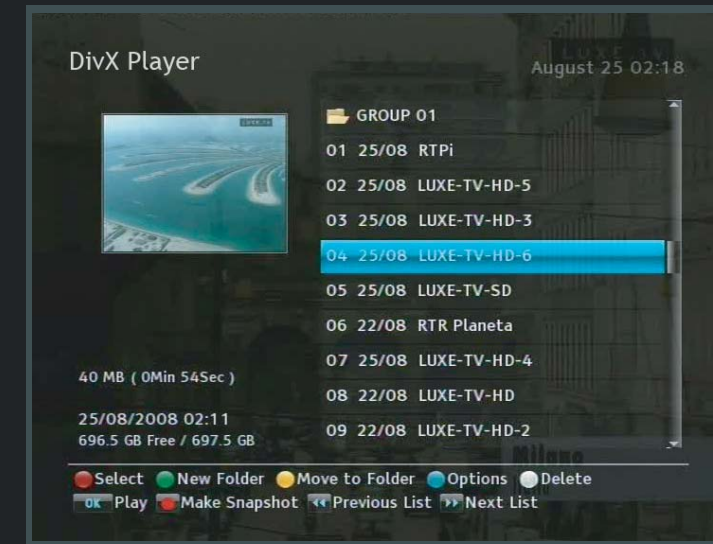
GAME

Featuring a double-player game 'BATTLE TANK'.



UCC

Playing media contents of YouTube.



DivX

Supporting video files of DivX 3.11, 4.1 and 5.x.