Manhattan®

TECHNOLOGY WITH VISION

Manhattan RS-1933
MPEG-4 DVB-S2 HD Satellite Receiver

Hardware

Audio
* MPEG-1 Layers 1,11,111
* MPEG-2 layer 2 ,
* MPEG-2 AAC LC and LC and AAC+
* MPEG-4 AAC L2 2-Channels /5.1 Channel
  MPEG-4 AAC+SBR 2-Channel
* Mono , dual Mono, Stereo, Joint Stereo
* Dolby digital AC-3 threw SPDIF Coaxial output

Video
* MPEG-1 (SD)
* MPEG-2 MP@ML (SD) and MP@HL (HD)
* MPEG-4p 10 (H.264) MP@L3 (SD) and MP@L4.1
* Video Format 4.3 ,16.9 with Pan Scan Letterbox
* Up-scaling of SD video on HD output
* Down scaled HD video on SD output
* Supported Resolutions 1080i/ 720p/ 480p/576p/ 480i/576i

Front Panel
* 8 Button Keys
* 4 digit Seven Segment Display

Rear Panel
* IF in loop through
* 1 x HDMI with HDCP
* 1 x Coaxial SPDIF .
* 1 x USB 2.0 port*
* 1 x PCMCIA Interface Slot
* Power on/off switch
* 100-240v 50/60Hz @25w

Accessories
* Handset with Batteries

System Resources
* ALi 3602 Chipset
* 4 MByte Flash Memory
* 128 MByte RAM Memory

Software

* 7000 C/Ku channel format.
* NTSC composite output.
* 100 satellites and 8 favorite groups settings.
* Recall last channel.
* 16 Day EPG.
* 8 event timers. Count-down timer.
* Update firmware through USB port.
* Language support: English, French, German, Russian, Arabic,Portuguese, Turkish, Spanish, Polish and Italian.
* Dolby AC-3 through Co-axial SPDIF port.
* Teletext up to 800 pages.
* OSD Transparency. 10-40% .* Video resolution switch on remote.
* User can change background graphics.
* Wake-up Channel Default by user.
* 13/18 VDC & 22 KHz. Set-up.
* DiSEqC 1.0 – off, 1/2-2/2 , 1/4-4/4
* DiSEqC 1.2, Positioner. Satellite selectable with limits.
* DiSEqC 1.3 Support USAL for dish satellite programming.
* Polarization H/V Auto.
* DVB-S Auto Scan @ 50 TP/S.
* Signal strength and quality level support.
* IF loop-through for multiple receivers.

DVR function
-Through USB port.
-Up to 2.0 TB hard disk capability. Will separate files after 1 TB.
-Identifies program, music and JPEG files independently.
-Identifies free space, Record time and record size.
- Time record. Can record in a set time.
-Can set FF & RW times in, 30sec., 1min, 5min, 10min.
-Play, pause and stop function. With Jump selection.
-User can lock, delete or rename recorded files.
-Browse recordings and preview files.
-User can sort by date and time with descending sequence.

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