

PROFLINE

NEXT1

SATELLITE AUDIO NETWORK RECEIVER

DVB-S/S2
ASI IN/OUT + TS-OVER-IP IN/OUT
2 CHANNEL + 4 CHANNEL MODELS



Features:

- SCPS and MCPC operation
- DVB-S & DVB-S2
- 128 Ksym/s – 45 Msym/s
- MPEG Layer 2 and MPEG4 HE-AAC Plus decoders
- ASI in/out and TSoverIP in/out
- Various backup streams (live) supported
- SD card for local playout at backpanel
- 8 contact outputs for radio automation
- Separate IP ports for DATA and Control
- Supervising and logging facilities for RF, Audio, TS, PID

The NEXT1, a DVB audio satellite receiver, is the next one for satellite and/or IP based distribution of broadcast audio.

A highres display with intuitive frontpanel makes the unit easy to operate. It has a local/remote switch to indicate any change of settings in a managed network. All functions are fully remotely operated by browser and SNMP.

The NEXT1 audio satellite receiver responds to the demands from the professional broadcast market and is available in 2 or 4 channels. It has automatic backup switching and supports internet stream backup (Shoutcast).

TECHNICAL SPECIFICATIONS

SATELLITE INPUT

Complies to	ETS 300421 & ETS 302307
RF frequency range	950 to 2150 MHz
Input level	-80 dBm to -30 dBm
VSWR	> 10 dB
Input connector	F-Female
Loop output connector	F-Female
Impedance	75 Ω
Symbol rate	128 Ksym/s – 45 Msym/s

AUDIO SPECIFICATIONS

MPEG Decoder	MPEG Layer 2, MPEG4HE-AAC V1 & V2
Digital level reference	-9 dBFS (100%)
Volume settings (ref)	-20 dB to +12 dB
Frequency range <0.5 dB	30 Hz to 22 KHz
Signal/Noise (S+N)/N	-80 dB
THD (IEC)	-87 dB
Analogue audio out	30 Ω (Balanced)
Digital AES/EBU out	110 Ω (Balanced)

DATA PORT A & B

Number of ports per channel	2
Port type	RS232, N-8-1

SD CARD BACK-UP

Format	SDHC
File system	FAT32

ASI INPUT AND OUTPUT (OPTIONAL)

Format	DVB EN50083-9
Speed	270 Mbps
Connector	BNC 75 Ω

MANAGEMENT

WEB user interface	Yes
Remote control	SNMP

IP PORTS

Protocol	TCP and UDP
Port Type	Ethernet RJ45, 10/100/1000 Mbps

ALARM CONTACTS

Number of relays (status/alarm) Contacts	3 change over (N.O. – N.C.)
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MISCELLANEOUS

Number of contacts	8
LNB Voltage supply	13/18 volt and Universal LNB

GENERAL

Main power	100-240 VAC, 50/60 Hz
Power connection	IEC panel-mount/fuse 2.5 AT
Safety and EMC	According to CE regulations
Housing	Standard PROFline housing
Housing dimensions	19 inch x 1u x 330 mm (depth)
Weight	4,5 kg