

# 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.) |
|--|-----------------------------|

#### 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                        |