

# PortaNet

## Portable Audio Codec for IP and ISDN

PortaNet is the all-new portable IP & ISDN codec from Prodys. Features: full-duplex, 2 channel, multi algorithm in a compact lightweight easy to use package. PortaNet is a commentator box with ProntoNet functionality built-in.

- PortaNet comes fitted with the widest range of standard coding algorithms.
- PortaNet can be operated from its control surface or embedded Web Page. Optionally using the ProdisControl application, a user can control all of their Prodis audio codecs from a central location.

- An alarm system checks and stores

information about system parameters such as voltage, temperature and audio synchronization. Alarm notification can be by SNMP traps, email or GPIO. - Automatic detection of encoding mode and independent operation of encoder/decoder. - The BackUp system assures program continuity. ISDN can be used as secondary line in the case of a failure on IP.



## SPECIFICATIONS

### Audio Interfaces

- 4 Microphone/Line Inputs:
  - XLR connectors, electronically balanced
  - Input impedance 2kOhm
  - Independent Level Control
  - 48 V Phantom powered
- 3 Headphone outputs:
  - 6,35mm jack connectors
  - Impedance < 50 Ohm
  - Independent level control and user configurable outputs
- 2 AUX outputs:
  - XLR connectors, electronically balanced
  - Maximum output level +22 dBu
  - Impedance < 50 Ohm

### Audio compression

- G722
- G711 A/μ Law
- MPEG 1,2 Layer II (ISO/IEC 11172-3 /13818-3)
- MPEG 1,2 Layer III (ISO/IEC 11172-3 /13818-3)
- MPEG 2 AAC LC (ISO/IEC 13818-7)
- MPEG 4 AAC LC & LD (ISO/IEC 14496-3)
- Enhanced and Standard apt-X™

### Communication interfaces

- LAN
  - 10/100 Base-TX Ethernet, RJ45 connector. Fully supports standard TCP/UDP/IP
  - SNMP, RIP, SNTIP, HTTP, IGMP (Multicast) and ICMP supported.
- ISDN
  - 1-BRI with S/T and U interfaces
  - RJ-45
  - Protocols: EURO\_ISDN, AT5ESS, DMS100 & NAT1
- GPIO Port
  - 2 Contact closure Inputs and 2 Relay Outputs
  - User configurable. Remote contact closure
- RS232 Port
  - 1 serial port (DB9F connector)
  - Bit rate up to 9600 bps
  - Allows Tx and Rx of auxiliary data along with the audio

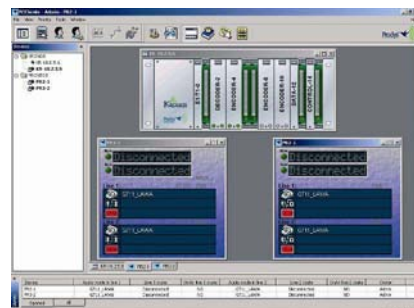
### Dimensions and Weight

- Height: 45 mm
- Width: 285 mm
- Depth: 225 mm
- Weight: 1,5 kg aprox

# Prodiscontrol

## Multi-Codec Remote Software

Prodiscontrol Software is Client/Server based software for controlling all Prodis Codecs from the same tool. ProdisControl lets the user monitor and control several units from the same screen in real time.



# ProntoNet

Audio Codec for IP, ISDN and X.21



- ProntoNet is a multinetwork dual audio codec, with the widest range of compression algorithms from PCM to MPEG4 AAC.
- ProntoNet can be controlled locally from its front panel, or remotely from its embedded Web Page or from ProdySControl.
- Easy configuration to optimize link for low delay, jitter and utilization. - Automatic detection of the encoding mode.
- Independent operation enc/dec. - Alarm management via SNMP. - BackUp sytem: ISDN as secondary link for IP or X21.

## SPECIFICATIONS

### Analog Audio

Input/Outputs	2 independent electronically balanced inputs/outputs
Connectors	XLR
Converters	24 Bit A/D and D/A
Overload level	+22dBu

### Audio Compression

Standard apt-X™ and Enhanced apt-X™, G711, G722, MPEG 1/2 Layer II, MPEG 1/2 Layer III, MPEG 2/4 AAC-LC, MPEG4 LD (Low Delay), PCM (linear uncompressed audio).

### Digital Audio

Interface	AES/EBU with external clock input In Transparent mode It is possible to send data, like Dolby E data, with PCM 24 bits as audio mode over IP.
Connector	DB9

### Network Interfaces

ISDN Interface	Protocols: EISDN, AT&T 5ESS, DMS 100 und NAT1 Connector: RJ45
X.21 Interface	for synchronous data transmission links
LAN Interface	10/100 Base-TX Ethernet, RJ45 connector interface for bidirectional and unidirectional Audio (Unicast/Multicast), and also to control the unit remotely through Its embedded Web Page or from the ProdySControl application.

### Communication Connectors

LAN	- 10/100 Base-TX Ethernet, RJ45 connector. Fully supports standard TCP/UDP/IP - SNMP, RIP, HTTP, SNTP, IGMP (Multicast) and ICMP supported
X.21	- SUB-D 15
ISDN	- 1-BRI with S/T & U Interfaces - RJ-45 - Protocols: EURO_ISDN, AT5ESS, DMS100 & NAT1
GPIO Port	- 7 Contact closure inputs and 7 Open collector outputs - User configurable. Remote contact closure
RS232 Ports	- 2 serial ports (RJ45 connector) - Bit rate up to 9600 bps - Allows Tx and Rx of auxiliary data along with the audio

### Front panel

- LCD Display 20x2 characters
- Headphone output for monitoring
- Menu navigation keys and Book key for quick dialling

### Dimensions and Weight

- Height: 43.4 mm, 1 U Rack Mount
- Width: 19"
- Depth: 202,25 mm
- Weight 3 kg.

# ProntoNet IP Decoder

Audio Decoder for IP

ProntoNet IP Decoder extends ProdyS IP audiocoders family, providing an IP Audio Decoder to use along with ProntoNet in audio distribution applications. It can decode audio, aux. data and GPIO info from ProntoNet.



Outputs	2 electronically balanced outputs
Connectors	XLR
Converters	24 Bit A/D und D/A
Compression modes	Standard apt-X™ and enhanced apt-X™, G711, G722, MPEG 1/2 Layer II, MPEG 1/2 Layer III, MPEG 2/4 AAC-LC, MPEG4 LD (geringes Delay), PCM (linear uncompressed audio).