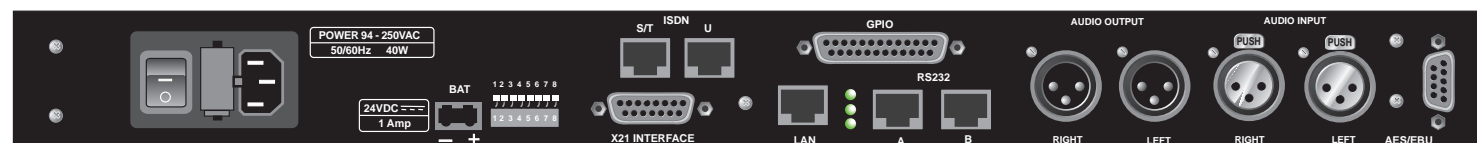


# Prontonet

## IP DUAL AUDIOCODEC

Prontonet completes the PRODYS audio codec family building on the features provided in previous models. Prontonet extends its performance possibilities as dual audio codec by supporting MPEG2/4 AAC LC, MPEG4 LD and apt-X™ amongst its standard coding algorithms as well as bidirectional uncompressed audio transmission over IP.



Rear Panel

While maintaining compatibility with existing codecs, Prontonet completes the ProdyS audio codec family building on the features provided in previous models.

Prontonet is a multiformat audio codec, further enhancing performance capabilities as dual audio codec (two independent encoders & decoders) supporting G711, G722, MPEG1/2 Layer II, MPEG1/2 Layer III, MPEG2/4 AAC LC and MPEG4 LD as well as apt-X™ amongst its standard coding algorithms and bidirectional uncompressed linear audio transmission over IP through its Ethernet 10/100 port.

Multi-network audio codec, can be used in different industry standard types of communication networks:

- Standard ISDN 1-BRI universal terminal adapter (U or S/T).
- X21 port, connects to synchronous data transmission links (dedicated lines).
- LAN connector, 10/100 Ethernet interface for audio transmission and control. Web Browser and ProdyS Control to manage many simultaneous Prontonet audiocoders.
- Automatic Backup option: Establish backup link using ISDN at 64 or 128Kbps under communication loss of either X21 or Ethernet links.
- Two independent RS232 ports for auxiliary data in all MPEG modes.
- Optional redundant 24 VDC power supply.
- 8 remote contact closures.



Sculptured keys to access the Prontonet menu



Direct access keys call handling

# Specifications



Prontonet	
<b>ANALOG AUDIO</b>	<b>REMOTE CONTROL</b>
<b>Inputs/Outputs</b>	2 independent electronically balanced channels
<b>Connectors</b>	XLR
<b>Converters</b>	A/D and D/A 24 bits
<b>Saturation Level</b>	+22dBu
<b>CODING ALGORITHMS</b>	
	Standard apt-X™, G711, G722, MPEG 1/2 Layer II, MPEG 1/2 Layer III, MPEG 2/4 AAC-LC, MPEG4 LD (low delay), Linear Audio (uncompressed)
<b>DIGITAL AUDIO</b>	
<b>Interface</b>	AES/EBU with optional external reference input selectable from menu
<b>Connector</b>	DB9
<b>COMMUNICATION INTERFACE</b>	
	<ul style="list-style-type: none"> <li>&gt; <b>ISDN interface U or S/T</b> Protocols: EISDN, AT&amp;T 5ESS, DMS 100 and NAT1 Connector: RJ45</li> <li>&gt; <b>X21 for synchronous data transmission links</b></li> <li>&gt; <b>LAN interface:</b> 10/100 Base-T interface, supports bidirectional audio transmission over IP (UNICAST/MULTICAST), ancillary data and contact closures, embedded Web Server for browser based remote control. Connector: RJ45</li> </ul>
	<b>REMOTE CONTROL</b> Remote Contact Closures 4 opto isolated input/output contact closures.
	<b>FRONT PANEL</b> <b>Display</b> Back light LCD 20x2 characters <b>Keyboard</b> Standard to control the menu <b>Direct Access Keys</b> For dialling
	<b>AUXILIARY DATA PORTS</b> <b>Auxiliary Data Channel</b> To use in MPEG mode and standard apt-X™ <b>Bit Rates</b> 300, 1200, 2400, 4800 or 9600 bps <b>Connector</b> RJ45 connector
	<b>POWER SUPPLY</b> 94-250 VAC 50/60 Hz 40W Option: 24 VDC redundant power supply
	<b>DIMENSIONS</b> <b>Height</b> 1U (4,44 cm.) <b>Width</b> 19" rack (48,26 cm.) <b>Depth</b> 24.5 cm. <b>Weight</b> 3 Kg. approximately