

SystemBase

Digital Audio Codecs

C310xr-x (Discontinued)

C310xr-x X.21 Specification



Key Features

- X.21 only version of the C310xr
- 15.6KHz Stereo Over X.21 256Kbps
- Real-time Applications - 3.8ms Coding Delay
- 20 Bit A/D & D/A Conversion
- AES/EBU Digital Interface with Sample Rate Conversion
- 2.4 / 4.8 / 9.6 Kbps Auxiliary Data Port
- 20 Bit VU Meters
- Bi-directional Operation
- Full Remote Management Facility
- 1U Compact Rack mount Enclosure
- Auto-ranging power supply
- All Features Supplied as Standard

Audio Performance

Coding Standard	Sub Band ADPCM
Coding Delay	3.8ms at 15.6KHz Stereo
Sample Rate (Fs)	7KHz to 32KHz
Bandwidth	5Hz to 15.6KHz @Fs=32KHz
Format	Mono/Stereo
S/N Ratio	>80dB
I/P Impedance	>10K
I/P Level	+12dBu Max
I/P Connectors	XLR Balanced
O/P Impedance	<100R
O/P Level	+12dBu Max
O/P Connectors	XLR Balanced
Gain Trim Pots	+/- 0.5dB

Rear Panel



X.21 Interface

Speed	56Kbps to 256Kbps
Signals	TXD, RXD, CLK, CTL, IND
Connection	15 Way D-Type Female

AES/EBU Interface

Clocking	32KHz to 48KHz external source
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Connection	9 Way D-Type Female
Sample Rate Conversion	Yes

Auxiliary Data Port

Type	V.24 - Fixed DCE / DTE
Speed	2.4 / 4.8 / 9.6 Kbps Async 8,n,1
Signals	TXD, RXD, CTS, GND
Connector	25 Way D-Type Female

Management Port

Type	V.24 - Fixed DCE / DTE
Speed	9.6Kbps Async 8,n,1
Signals	TXD, RXD, GND
Connector	Dual 9 Way D-Type Female

Alarm Relays

Type	Double Contact Closure
Signals	GND, COM, NC, NO
Connector	25 Way D-Type Female

Power Requirements

Voltage	85-260 VAC 60/50Hz Auto Ranging
Power	20W
Connection	IEC Mains Plug

Physical Properties

Enclosure	1U 19" Rack mount
Width	482mm
Depth	210mm
Height	45mm
Weight	2.0Kg

