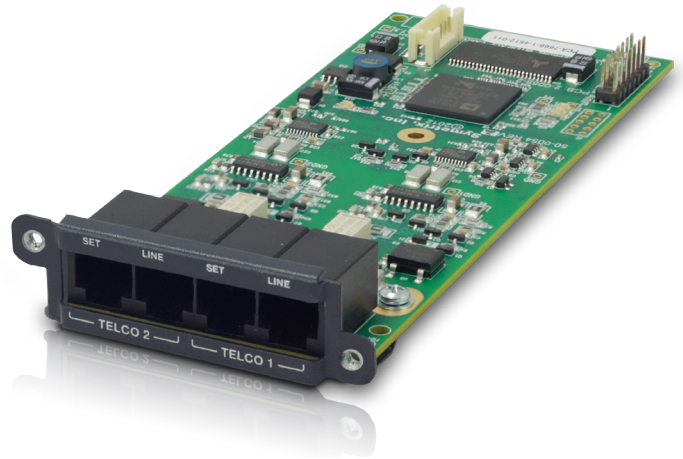


2 Line Analog Telephone Interface Card

The 2 Line analog telephone interface card integrates a complete set of PSTN telephony functions into SymNet conferencing systems. Use up to four cards per Edge frame and one per Radius AEC. Telco connections are provided on two RJ11 ports for easy connection. A variety of control options including PSTN telephones, SymVue and third-party control devices allow intuitive end-user operation and design management. The 2 Line analog telephone interface card is suitable for a multitude of applications not limited to conferencing, paging, remote monitoring and broadcast.

Features:

- Integrates analog telephone lines into SymNet conferencing systems. Use up to 4 cards per Edge frame, one per Radius AEC.
- Standard PSTN telephony functions include:
 - Detect and answer incoming calls
 - DTMF tone dialing
 - Speed-dialing
 - Redial
 - Do not disturb
 - DTMF decoding
 - Caller ID reception
 - Call progress detection
 - Continuous line status and fault monitoring
- Standard RJ11 ports with parallel “set” connections per line for a physical handset, dialer, or ADA compliant visual or audible device connection.
- Field swappable by certified technicians.
- Also suitable for typical audio applications such as paging, broadcast feeds and remote system monitoring.



Specifications

Telco “Line” Connector	RJ11. Format: POTS (plain old telephone service) or analog extension from a PBX.	LEC Tail Time	32 mS
Telco “Set” Connector	RJ11. Format: POTS (plain old telephone service) or analog extension from a PBX. <i>Note: Relay bridged to Line port with option in software to isolate based on hook status.</i>	Null	55 dB nominal.
Frequency Response	250 Hz to 3.3 kHz ±1.0 dB	Compliance	G.165, G.168 compliant.
THD+N	< 0.3%	Tx Level	-10.0 dBm RMS average; +3.2 dBm maximum.
Signal to Noise Ratio	> 62 dB	Rx Level	-10.0 dBm RMS average; +3.2 dBm maximum.
		Transhybrid Loss	> 48 dB with LEC enabled.
		Ringer Equivalency Number	0.0 dB

Mechanical Data

Items	Specifications	Remarks
Shipping Weight	1 lbs. (0.45 kg)	
Certifications or Compliance	EN 55103-1, EN 55103-2, FCC Part 15, FCC Part 68, RoHS, FCC 47 CFR Part 68, ACTA TIA-968-B, TIA-1096, IC CS-03 Part I, DC-01(E)	

This device is in compliance with the Federal Communications Commission’s (FCC) Rules and Regulations 47 CFR Part 68, and the Administrative Council on Terminal Attachments (ACTA) – adopted technical criteria, TIA-968-B – Telephone Terminal Equipment, Technical Requirements For Connection of Terminal Equipment To The Telephone Network, August 2009 and TIA-1096.

This device meets the Industry Canada technical specifications CS-03 Part I for terminal equipment and related access arrangements intended for direct connection to analogue wireline facilities and DC-01(E) for the declaration of conformity and registration of terminal equipment.

Architect and Engineer Specifications: 2 Line Analog Telephone Interface Card.

This device shall provide two analog telephone interface inputs to an EDGE or RADIUS AEC frame with standard PSTN telephony functions. Up to four of these devices may be installed in a single EDGE frame for up to eight channels of local input and up to two of these devices may be installed in a single RADIUS AEC for two channels of local input. Levels, mutes, inversions and formats shall be controllable via software. Audio inputs shall be access via rear panel RJ11 (6P6C) connectors.

Audio conversion shall be 24-bit, 48 kHz. The dynamic range shall not be lower than 115 dB, A-weighted with a maximum input level of +23 dBu.

The device shall comply with CE, FCC Part 15 emissions limits, and FCC Part 68. The device shall be RoHS compliant. The mounting plate shall be constructed of cold rolled steel, and mount into a SymNet RADIUS AEC or EDGE frame I/O card slot. The device shall be a Symetrix 2 Line Analog Telephone Interface Card.

