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ATI Card: Dialers and Connection

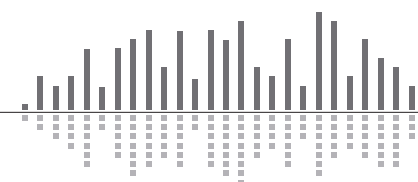
The 2 Line Analog Telephone Interface Card integrates a complete set of PSTN telephony functions into SymNet conferencing systems. This card provides two analog telephone interface inputs to an EDGE frame or Radius AEC with standard PSTN telephony functions. Up to four of these cards may be installed in a single EDGE frame for up to eight channels of local input, or one card may be installed into a single Radius AEC for up to two channels of local input. Levels, mutes, inversions and formats are controllable via SymNet Composer software. Audio inputs are access via rear panel RJ11 (6P6C) connectors.

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 including conferencing, paging, remote monitoring, and broadcast.



Features

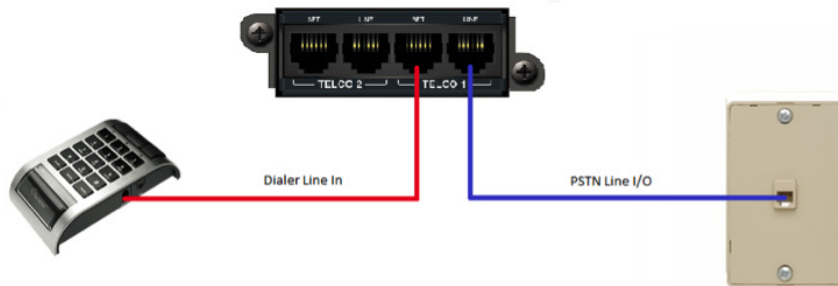
- Integrates analog telephone lines into SymNet conferencing systems. Use up to four cards per Edge frame, one per Radius AEC.
- Standard PSTN telephony functions include:
 - Detect and answer incoming calls
 - DTMF tone dialing
 - Speed-dialing
 - Redial
 - Do not disturb
 - DTMF decoding
 - Caller 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.



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Dialers

Standalone dialers can be used in conjunction with the “Set” port on the ATI card for an extremely cost effective solution for end user control. These dialers can be used to provide telephony features such as dialing, redial, onhook/offhook, etc. Listed are a few examples of standalone dialers.



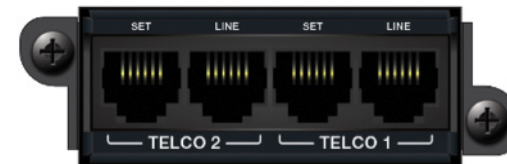
- Accutone T1 Professional Telephone Dialer
<http://www.accutone.com/T1.html>
- Luminous LH-8001D – Phone Dialer
http://www.luminousheadsets.com/headsets_amplifier_and_headsets_dialer.html#LH8001D
- Revolabs Tabletop Dialer for Fusion Wireless Microphone System
http://www.revolabs.com/documents/fusion/fusion_tabletop_dialer_spec_sheet

External controllers (i.e. Crestron Pro2) can also be used to control the telephony interface over network (TCP/IP and UDP/IP) control; it does also support serial (RS-232) control. For more information on programming, refer to the Tech Tip for “Crestron Symetrix Dialer Example”.

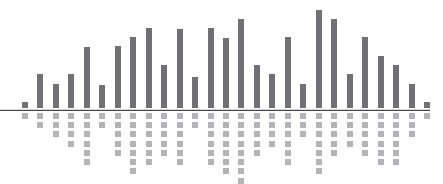
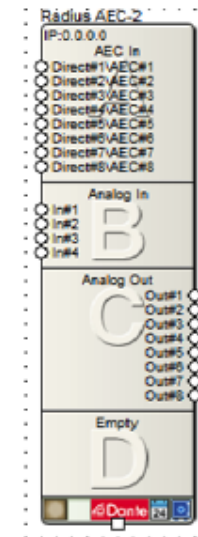
<http://www.symetrix.co/wp-content/uploads/2014/02/02-2014-Crestron-Dialer.pdf>

Connecting to the ATI card

1. Connect the “Telco 1 – Line” port to the local PSTN wall jack using a standard telephone cord terminated with RJ11 connectors. Optionally, connect a standard analog telephone, dialer, audible and/or visual ringing device, to the “Telco 1 – Set” port of the ATI card. Repeat instructions for “Telco 2” port use.

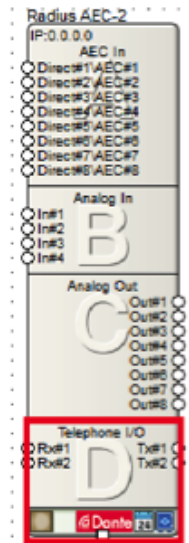


2. Open SymNet Composer and drag an Edge or Radius AEC into the configuration. For this example, a Radius AEC was used.

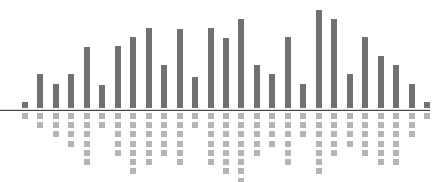
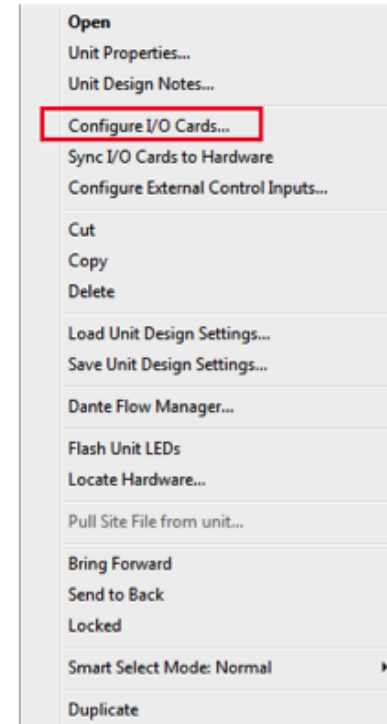


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3. Make sure that the bottom box shows “Telephone I/O” with “Rx#1”, “Rx#2” and “Tx#1”, “Tx#2”.



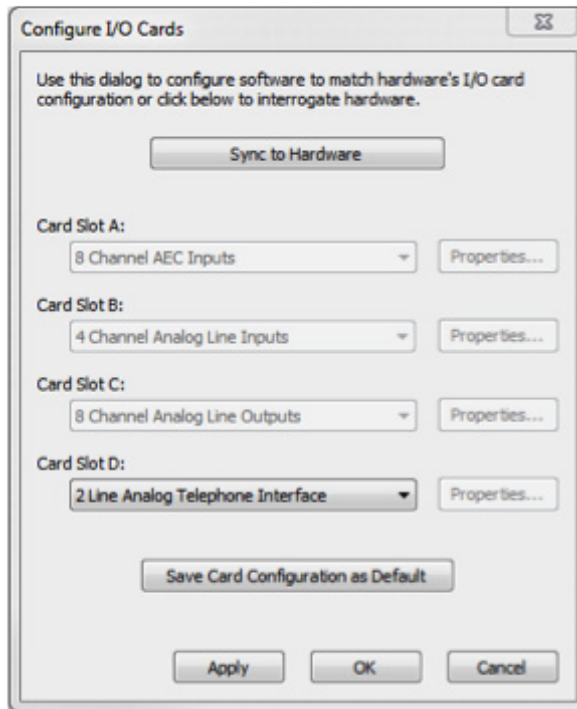
4. If the box does not show “Telephone I/O”. Right click and select “Configure I/O Cards...”



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5. Select "2 Line Analog Telephone Interface" for Card Slot D, and then click OK.

Note: When setting up an Edge make sure each card slot matches the cards installed into the unit. Each card slot has the following options: No Card Installed, 2 Channel Analog Mic/Line Inputs, 4 Channel Analog Line Outputs, 4 Channel Digital Inputs, 4 Channel Digital Outputs, 4 Channel AEC Inputs, and 2 Line Analog Telephone Interface.



6. Once the I/O card is added, open the Site File and begin the design.

