

PBX MEDIA. DAC BRI

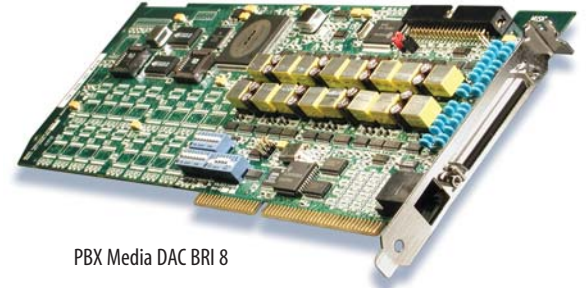
Digital BRI Station Tap Card

Features

- Digital Passive Tap
- On-board Diagnostic
- Firmware Upgradeable
- Accurate Start/Stop
- Synchronization LED
- Operating System Independent
- On-board VOX Algorithm
- Record both "B" channels
- OS Independent

Overview

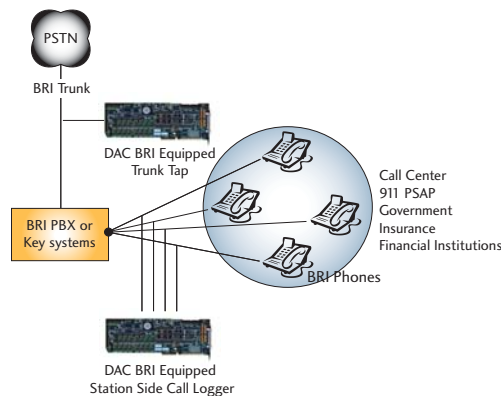
The DAC BRI series card provides digital recording capabilities for worldwide ISDN BRI circuits. By providing a high impedance tap, the DAC BRI 4/8 card has the ability to record both directions of a conversation in a digital format. Designed as an ISA card, and modeled after our industry standard DAC16, it allows call recording developers to easily expand the reach of their call recording solutions with very little effort.



PBX Media DAC BRI 8

The DAC BRI is a unique PBX integration card for the call recording industry that provides features that were never available before. Accurate Start/ Stop call recording can finally be accomplished.

The DAC BRI, operating independently of the PBX, offers developers the functionality to track a call from inception to completion, including the actions call center agent makes on the telephone. This detailed information is invaluable to data mining applications and call center managers.



DAC BRI's typically connect to PBX's through a punch-down block at the main distribution frame. The PBX routes calls to a digital station while the DAC BRI passively taps the line to that station. The DAC BRI can process the data being passed over the line by itself or by handing off the data by MVIP to a separate voice resource card like Ai-logix's SmartDSP VR.

Product	Part Number
DAC BRI 8:	910-0406-001

Product Specifications All product specifications are subject to change without notice

HARDWARE SYSTEM REQUIREMENTS

Pentium II or equivalent 400 MHz or better
AT ISA 16-bit full-size slot

OPERATING SYSTEMS

OS Independent

TECHNICAL SPECIFICATIONS

Max boards per system: 8 (128 ports)
TDM Expansion Bus: MVIP/SCSA (PCM32 Optional)
Timeslots: 16 Active per card
Boards Status: On-board LED
Clocking: Master/Slave

ENVIRONMENTAL CONDITIONS

Operating Temperature: 0C to +50C
Storage Temperature: -20C to +70C
Humidity: 8% to 80% non-condensing

PHYSICAL CHARACTERISTICS

Form Factor: Full-size ISA card

HOST INTERFACE

I/O Address: COM1 to COM 15
IRQ: 3, 4, 5, 7, 10, 11, 12, 15

AVAILABLE OPTIONS

MVIP/SCSA

PROTOCOLS

4 Wire BRI S/T: National ISDN NI-1
4 Wire BRI S/T: 5ESS
4 Wire BRI S/T: DMS-100
4 Wire BRI S/T: INS-64
4 Wire BRI S/T: Euro-ISDN (ETSI)
(B1+B2 supported for all protocols)

PBX INTEGRATIONS

Avaya: Merlin Magix (BRI)
Rockwell: Spectrum

TELEPHONY INTERFACE

External Connector: 68-pin female SCSI III style (RJ-21X adapter included)
Line Impedance: 1k Ohms @ 256KHz, Nominal
passive tap
Idle channel noise: Less than 20dBrc
Channel Crosstalk: Less than -70 dB @ 1 KHz
Frequency response: 300Hz to 3400Hz +/-3dB

SDK (FOR D-CHANNEL SUPPORT)

Ai-Logix Native MTDACLINK

AUDIO DIGITIZING

Encoding: μ -Law and A-Law

POWER REQUIREMENTS

+5 VDC: 600 mA
-5 VDC: 50 mA

TRIGGER CONDITIONS

VOX trigger: Min/Max silence · Min/Max activity

SAFETY AND CERTIFICATIONS

Telecom: CE mark
Emissions: FCC Part 15 class A · EN 55022 50081-1
Immunity: EN 50082-2
Safety: ACA ts001-1997
All certifications Pending
Estimated MTBF: 330,000 hours per Bellcore Method I

WARRANTY:

3 years standard

