Citel. The VoIP Migration Company™

Expandable Digital to Analog Converter

Translate digital signals for analog recording equipment

The Expandable Digital to Analog Converter (EDAC) translates proprietary digital signals so that standard logging equipment can record monitored telephone transactions.

Ensures system integrity with a secure switch-room solution.

Installs easily with single-port cards and minimal wiring requirements.

Overview

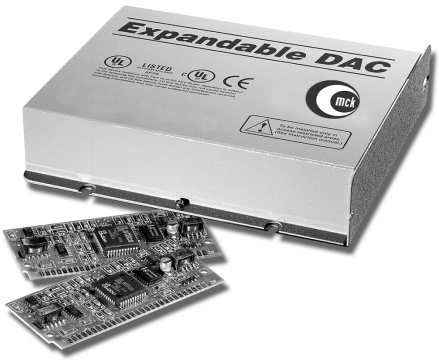
Citel's Expandable Digital to Analog Converter (EDAC) allows for the recording of proprietary digital signals onto standard analog equipment. EDAC translates switch data into signals useable by the call monitoring hardware supplied by major manufacturers.

Citel offers the largest number of licensed/certified interfaces. We maintain and update all of the most widely used PBS/KTS protocols.

The EDAC monitors all line appearances on the telephone set and reformats the digitized information into the standard 600 ohm analog format required by most recording equipment. The unit passively captures both sides of a conversation and sends audio to the recorder only when a telephone call is active.

An EDAC base unit can go online with just one port card. The user adds cards as needed. Multiple base units can be combined to handle any size installation.

Citel's EDAC resides entirely in the switch room and may be wall or rack mounted. Hardware is easily installed without disconnecting the switch or disrupting service, and requires little costly wiring.



Key Benefits

Secure Back Room Solution
The EDAC installs securely in the telephone room with no additional wiring or cables running to desktop phone sets. Users cannot disconnect the recorder.

Easy Installation and Maintenance
EDAC base units contain twelve individual port cards. Units can be expanded or serviced one port at a time.

Convenient
Base units can be mounted on the wall or installed in a standard rack.

Globally Compatible
EDAC works with both 115- and 230-volt power supplies. It is UL, cUL, CE Mark, and FCC compliant. In addition, it is A Law and u Law compatible.

Flexible and Expandable
EDAC allows greater than industry average line lengths. It is ideal for multi-floor or multi-building installations.

Dependable
With legacy products including the first digital-to-analog converters for recording (1987), Citel today leads the field with the widest assortment of licensed switch interfaces and the largest installed base of any manufacturer.

Compatible with Citel EXTender™ Units
Records home-based call center agents and teleworkers who are connected through off-premises EXTenders.

Technical Specifications - Expandable Digital to Analog Converter

Description

Signal translation device

Capacity

8 digital ports (single card slots)
8 dual-relay configured ports (support up to 4 users)

Compatibility

EDAC is compatible with a wide variety of PBX/KTS types, including systems manufactured by:

Alcatel
Aspect
Avaya
Ericsson
Iwatsu
NEC
Nortel Networks
Panasonic (Key Systems)
Siemens

Interfaces

Base Unit
25-pair Amphenol connector
power supply

Configuration and Management

Users set DIP switches to match switch type and software version.

Single port cards enable recording of digital telephones on a one-to-one ratio.

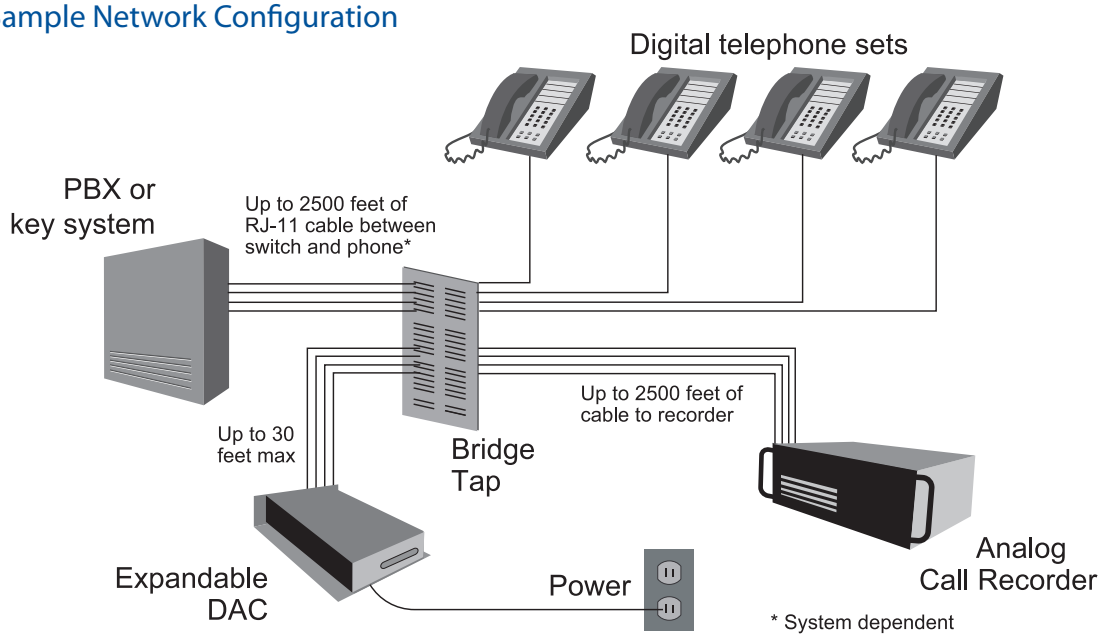
Dual relay cards provide contact closure for two ports.

Release Detect (RD) EDAC is for call centers where users have a headset as well as a 2nd device that is recorded; the RD-EDAC connects to a user-provided switch that controls operation of the headset.

Physical

Small footprint, surface mountable: 8" x 9.5" x 2.25"

Sample Network Configuration



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