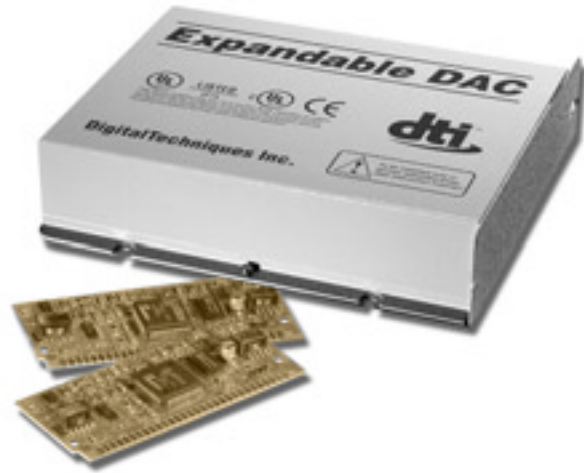




# DTI Expandable DAC™

Digital-to-analog conversion for call logging. Single-port cards translate digital signals from a variety of the most common PBX switch types.



The Expandable Digital to Analog Converter (DAC) translates proprietary digital signals from a variety of PBX systems so that standard logging equipment can keep a clear audio record of every monitored telephone transaction.

EDAC users ensure system integrity with a secure switch-room solution. Agents cannot disconnect recording at the desktop.

Equipment installs easily with single-port cards and minimal wiring requirements.

Companies worldwide count on consistent superior sound quality from this thoroughly tested component.

## OVERVIEW

Engineers at Digital Techniques (DTI), now a Research and Development Center of MCK, pioneered the conversion of proprietary digital PBX/KSU signals for call recording on standard analog equipment. The division provides the digital-to-analog recording interface (sometimes called a logger patch) that translates switch data into signals useable by call monitoring hardware supplied by the major manufacturers.

MCK leads the industry, offering the largest number of licensed/certified interfaces. The company maintains and updates all of the most widely used PBX 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 needs develop. Multiple base units can be combined to handle any size installation.

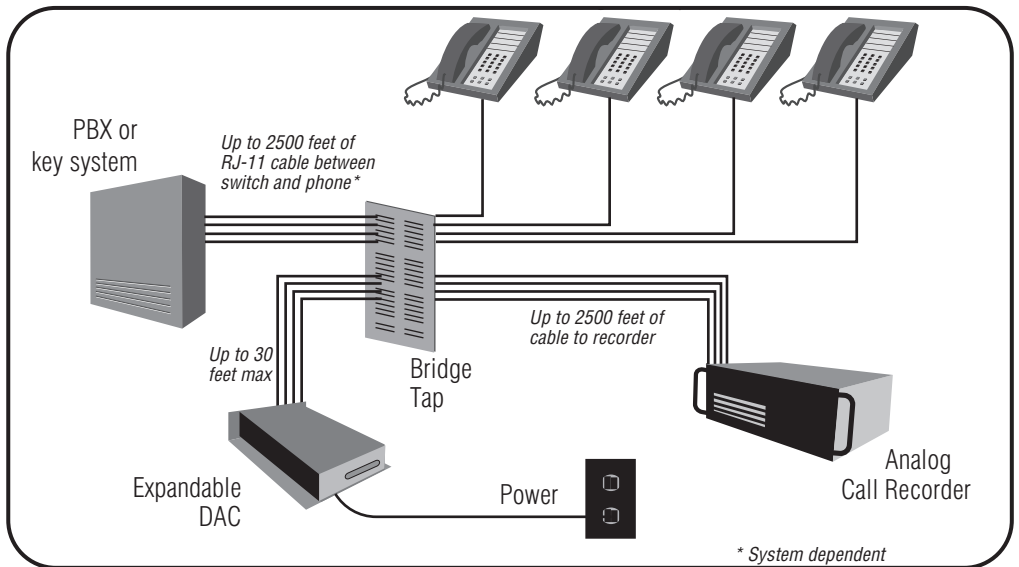
MCK's EDAC resides entirely in the switch room (wall or rack mount). Hardware requires little in the way of installation or costly wiring. It can be installed without disconnecting the switch or disrupting service.

## KEY BENEFITS

- Secure Back Room Solution**  
 The DTI 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, Maintenance**  
 EDAC base units contain twelve individual port cards. Units can be expanded or serviced one port at a time.
- Convenience**  
 EDAC base units can be mounted on the wall or installed in a standard rack.
- Global Compatibility**  
 EDAC works with both 115- and 230-volt power supplies. It is UL, cUL and CE approved and fully FCC compliant. EDAC is A-Law or  $\mu$ -Law compatible.
- Flexible and Expandable**  
 EDAC allows greater than industry average line lengths. It is ideal for multi-floor or multi-building installations.
- Dependability**  
 With a heritage that includes the first digital-to-analog converter for recording in 1987, MCK today leads the field with the widest assortment of licensed switch interfaces and the largest installed base of any manufacturer.

Expandable DAC™

The DTI Expandable DAC was designed for flexibility and practicality. Base units have twelve card slots for twelve individual ports and can be expanded and serviced one port at a time.



\* System dependent

#### COMPATIBILITY

The EDAC is compatible with a wide variety of switch types, including systems manufactured by Nortel Networks, Aspect, NEC, Avaya (Lucent), Siemens, Ericsson and Panasonic. MCK is developing more interfaces. Please ask for a complete and current listing of switch and telephone types.

#### INSTALLATION and ORDERING

##### EDAC Base Unit:

(8" x 9.5" x 2.25") The EDAC Base Unit contains twelve expansion slots that support twelve digital ports or eight relay-configured ports. The unit is equipped with LEDs to indicate port status, and a standard 25-pair Amphenol connector. Users set DIP switches to match switch type and software version.

Nortel, Aspect, NEC	# 500-1090-001
Lucent 2-Wire	# 500-1092-001
Lucent 4-Wire	# 500-1092-002
Ericsson	# 500-1092-004
Panasonic	# 500-1092-003
Siemens	# 500-1092-001
Selective Rec (8 button)	# 500-1094-001
Selective Rec (3 button)	# 500-1094-201
Release Detect	# 500-1094-002

##### EDAC Single Port Card:

(1.3" x 3.5") Buyers insert this card into the EDAC Base unit to enable the recording of one digital telephone. Cards occupy slots 1 through 12 or slots 1 through 8 if relay cards are used. Note: Lucent 4-Wire requires two port cards for each channel of recording.

Nortel Networks	# 300-3030-001
NEC	# 300-3030-002
Aspect	# 300-3030-003
Lucent 2-Wire	# 300-3032-003

Lucent 4-Wire	# 300-3032-007
Siemens	# 300-3032-005
Ericsson	# 300-3032-010
Panasonic	# 300-3032-009
Selective Rec (8 button)	# 300-3034-001
Selective Rec (3-button)	# 300-3034-001
Release Detect	# 300-3034-001

##### Meridian 1 Selective Recording (SR):

(1.3" x 3.5") The Selective Recording EDAC allows users of some Meridian 1 phones to record only on selected keys. Used with EDAC Base Unit 500-1094-001 or 500-1094-201, the SR card provides selective recording for M2216 and M2616 digital telephone sets.

##### Meridian 1 EDAC w/ Release Detect (RD):

(1.3" x 3.5") Release Detect EDAC was developed for emergency services call centers and other environments where onhook/offhook state triggers another device. An emergency operator might use a single headset for talking on the Meridian 1 phone and a radio console. The RD EDAC connects to a user-provided switch that controls operation of the headset. It requires Dual Relay Cards for configuration.

##### EDAC Dual Relay Card:

(1.3" x 3.5") This card is inserted into the EDAC Base unit and provides contact closure for two ports. These cards occupy slots 9 through 12 and are used only if your recorders require contact closure to start/stop recording.

##### EDAC single and multi-unit Power Supplies w/ brackets:

These switching type power supplies connect to a variety of AC voltages and provide regulated outputs of +5VDC @ 2A and +12VDC @ 800mA (single) or +5VDC @ 5A and +12VDC

@ 3A (multi). Power supplies 500-1120-001 and 500-1120-003 include continental European (Schuko) power cords. The 500-1120-002 and 500-1120-005 come with North American power cords. Both include mounting hardware. Ask about MCK's power distribution module and rack mount hardware for larger installations.

Single Unit (Europe)	# 500-1120-001
Single Unit (N. America)	# 500-1120-002
Multi-Unit (Europe)	# 500-1120-003
Multi-Unit (N. America)	# 500-1120-005

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