

MACKENZIE

DVTEL-3000

Total Digital Solution for Audio Messaging

Description:

The DVTEL-3000 solution combines a PC based software and on premise hardware allowing a single production location to digitally deliver material to many remote locations over standard telephone lines. The Customer Maintenance and Communication (C-MAC) software allows a standard computer to encode audio files and transfer them to DVTEL equipment via modem.

System Benefits:

Digital Transfer - Message material is transferred via Z-Modem, an error correcting digital protocol. This method insures and confirms that messages are received correctly and offers various audio quality levels, independent of phone line conditions.

MPEG Compression - Audio is stored in MPEG I Layer III (MP3) format. This industry recognized and approved standard offers user scaleable bandwidth from 7kHz to 20kHz for efficiency in either Message On Hold or Storecasting applications. Compression rates of 10:1 minimize transfer time.

Built-in Fax Switch - Proprietary fax switching technique is foolproof as it does not rely on ring types, voltage or DTMF.

Contact Management - C-MAC software was built from the ground up to let you concentrate on productions, not becoming a communications software guru. It allows you to effortlessly control groups, schedules and individual downloads in the background.

Flexibility - DVTEL hardware offers a wide array of channel, memory and control possibilities.



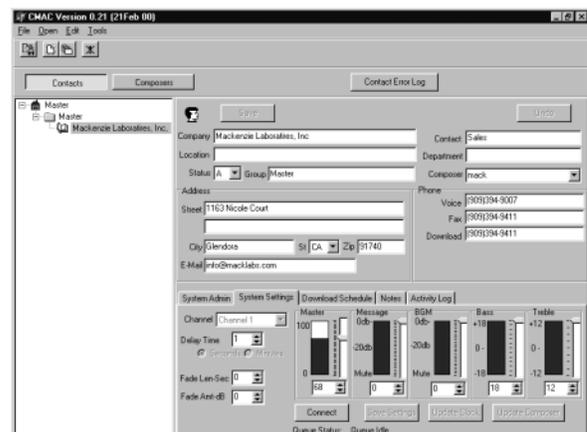
DVTEL-3264MT with LCD shown

DVTEL-3164MT Features:

- MP3 compression
- 16MB/64 minutes FLASH memory
- Internal 33.6k modem
- Built-in fax sharing
- Background music input
- Level controls
- Monitor speaker
- Line level and amplified audio outputs
- DVTEL-3100MT and 3200MT models offer additional functions.

C-MAC Features:

- Windows 95/98/NT compatible
- Customer maintenance
- Download scheduling
- Remote access to control all aspects of remote hardware.
- Playlist and daypart capability
- Multiple modems or modem rack
- Production/composition compatible with standard .WAV files.
- Reporting



Making A Difference, One At A Time

DVTEL-3000

Total Digital Solution for Audio Messaging

SPECIFICATIONS

Audio Quality:

Sample Rate: 48kHz
Performance: 16 bit
Dynamic Range: 85dB
Frequency Resp.: 20Hz to 20kHz
THD: <0.01% at 1kHz

Power:

Input Voltage: 12VDC
Current: 1 amp
Connection: 2.5mm Barrel

Audio Output:

Type: Analog
Channels: Mono
Line Level: RCA, transformer isolated, 600 ohm
Amplified: RCA, 4 watts into 8 ohm
Gain: Adjustable, +/- 3dB
Features: Mixing, Volume, Fade, Tone, Interval, Preceding / Proceeding message

Compression:

Type: MP3
Data Rates(mono) 7kHz = 32k bits per sec.
15kHz = 64k bits per sec.
20kHz = 128k bits per sec.

Communication:

Modem: Internal, 33.6k baud
Connection: RJ12, two
Features: Line share

BGM Input:

Mono, RCA, transformer isolated, 600 ohm with adjustable level.

Mechanical:

Table top/wall mount configuration
Dimensions - 10" W x 8" D x 1.5" H
18 gauge cold rolled steel chassis
Blue powder coat, white silkscreen

Audio Memory:

Type: 16MB FLASH

Regulatory Agency Approvals:

FCC, Part 15, Class A
UL/CSA approval on external power pack

MODELS

Product	Description
DVTEL-3164MT	One Channel, 64 minutes of fixed FLASH memory, no lcd, music thru
DVTEL-3264MT	Two Channels, 64 minutes of fixed FLASH memory, no lcd, music thru
DVTEL-3100MT	One channel, LCD and pushbutton configuration control, music thru.
DVTEL-3200MT	Two Channels of independent audio messaging, LCD and pushbutton configuration control, music thru

PRICING AND SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

DVTEL3000DS10132005

MACKENZIE LABORATORIES, INC.

1163 Nicole Court
Glendora, California 91740 ■ USA

Tel: (909) 394-9007 ■ Fax: (909) 394-9411

Web: www.macklabs.com

Email: info@macklabs.com