

Passport™ Series

MTR16 16 channel voice resource board data sheet

TELEPHONY APPLICATIONS

- E1/T1 DSP resource board
- Call center/help desk
- Inbound and outbound telemarketing
- Customer service, help desks
- Operator Services
- Automatic call distribution (ACD)
- Teleconferencing

FEATURES AND BENEFITS

- 16 Voice/Tone resources
- On-board conferencing
- MVIP expansion bus
- Optional audio jack for prompts or head sets

AVAILABLE OPTIONS

- MTJACK-KIT: Audio jack adapter cable

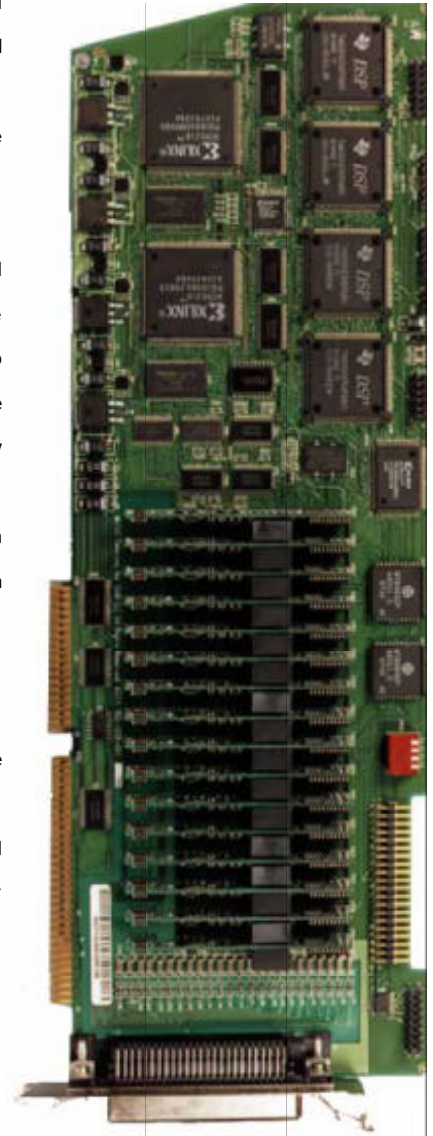
SOFTWARE SUPPORT

- DOS V6.22
- Windows™ NT V4.0
- Windows™ 98
- Windows™ 2000

Music Telecom expands its high-density product offering with the introduction of the **MTR16**. Based on the proven Passport Series technology, the MTR16 provides a 16-channel voice MVIP resource board in a single ISA slot. It represents an ideal development platform for OEMs, VARs and Systems Integrators who demand exceptional performance at affordable prices.

The MTR16 uses a unique Quad digital signal processing (DSP) architecture running state-of-the-art algorithms to deliver World class Call Progressing, Tone processing, and Audio compression. By supporting industry standards like MVIP, the MTR16 allows seamless integration with compliant hardware resources such as text-to-speech, speech recognition, T1/E1 and FAX boards.

All models in the Passport series come equipped with MVIP switching, high impedance call monitoring, WAV/GSM support, and an audio channel for headset record/playback.



MTR16

**MUSIC
Telecom**

DEFINING NETWORK TELEPHONY INTEGRATION (NTI™)

TECHNICAL SPECIFICATIONS

General

- Minimum System: IBM Pentium or greater
- Host Interface: ISA-IBM PC AT compatible
- Form Factor: PC AT, 13.34in x 0.79in x 4.8in
- Host Interface Speed: 8Mhz with 0 wait states
- Interface Mode: 16 bit transfer mode I/O mapped
- Host Interrupt: Software selectable
IRQ 3,4,5,7,10,11,12,15
- Number voice resources: 16
- Number ports: 0
- Max. boards/system: 16
- Digital signal processor: 4x Texas Instruments TMS320C50
40 Mhz
- Connector(s): 40 pin MVIP

Conferencing

- Group sizes: 2 to 8 ports
- Maximum groups: 16 (3 party maximum)

Power Requirements

- +5 VDC 1.6 A max.
- +12 VDC 150 mA max.
- -12 VDC 150 mA max.
- Operating Temperature: 0°C to +50°C
- Storage Temperature: -20°C to +70°C
- Humidity: 8% to 80% noncondensing

Warranty

- 3 years standard

CERTIFICATIONS

- FCC Part 15 class A - USA
- FCC Part 68 (trunk interfaces only) - USA
- CSA - Canada
- CTR-21 (pending) - Europe

ORDERING INFORMATION

Model	Voice Resources
MTR16	16



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