



MUSICAM USA

Corporate Computer Systems, Inc. d/b/a MUSICAM USA

PrimaLT™ Users Guide

MUSICAM USA

Prima *LT* Users Guide for Software Revision 1.0

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First Printing, July 1999

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Introduction to the Prima**LT** Users Guide

The **Prima LT** Users Guide contains all the information you need to set up and use the **Prima LT** for most basic applications. We recommend that you take the time to read this guide since it contains information required to properly configure your **Prima LT** for use.



Your **Prima LT** contains a vast array of features, many of which are not available in competing models. This manual contains a summary of **Prima LT** features, which are current through the date of this manual. The **Prima LT** is designed to grow as technology improves, and MUSICAM USA may, from time to time, issue software or hardware upgrades to increase performance and provide additional features. If you believe a new feature would be helpful in your application, we encourage you to contact us with your ideas. One of the **Prima LT**'s most important features is that it can easily be field upgraded, and we may be able to easily make your idea a reality.

Noting the software version as your **Prima LT** boots can identify your **Prima LT**'s software and hardware versions. Although we will do our best to contact you when new software releases are available, please feel free to check with us for the current software version number. Periodically checking our Web Site, www.musicamusa.com, is the easiest way to learn about software upgrades

The basic features and functions of the **Prima LT** are described in the **Prima LT** Users Guide, and this document should be consulted for setting up, configuring and using the basic **Prima LT** functions.

If you don't have time to read the entire Users Guide, we strongly recommend that you do read at least Chapters 3, 5 and 6 before using your *Prima LT*.

QUICK START:

Configuration and set-up topics discussed in the *Prima LT* Users Guide include:

- Chapter 1: ***Prima LT*** overview and feature description
- Chapter 2: Unpacking, installation, network connections and rear-panel connections
- Chapter 3: Front panel controls and displays
- Chapter 4: Keypad and displays including menu navigation and remote control
- Chapter 5: Digital Interface and terminal Adapter setup
- Chapter 6: The Session, including algorithm comparisons, manual encoder/decoder configuration and Quick Configurations, manual and Speed Dialing
- Chapter 7: The Speed Dial directory, including adding, editing and deleting Speed Dial and Quick Configuration entries
- Chapter 8: Useful features, including User Profiles, function keys, and security
- Chapter 9: Advanced features, including Prima Logic Language, error detection, Psychoacoustic parameter adjustment and software maintenance
- Chapter 10: Troubleshooting

Detailed information and discussions of the following advanced topics can be found in the ***CDQPrima*** Technical Reference Manual, available on-line at www.musicamusa.com:

- ⇒ Digital transmission networks
- ⇒ Compression algorithms and line formats

- ⇒ Advanced encoder and decoder configurations and features, including calibration, status bits, error concealment, sine wave detection and simulated switches
- ⇒ Remote control, including command summary, Windows Remote Control program, RS232/RS485 considerations and far end remote control
- ⇒ Ancillary data, including relay closures, extended control links and data port configurations
- ⇒ Bit error and out of frame detection
- ⇒ Prima Logic Language, including auto format detection and Virtual Actions
- ⇒ Psychoacoustic parameter adjustment
- ⇒ Booting and software downloading
- ⇒ Encoder headers
- ⇒ Security, including selective command lockout and port lockout
- ⇒ On-line help for terminal and computer users
- ⇒ Maintenance and debugging functions