

# MERLIN MAGIX 4.0 (CKE5) PROCESSOR (6180-P4/700306665) (May 2004)

*(Maximum system capacity: 80 lines x 200 stations)*

The MERLIN MAGIX® Integrated System supports up to 80 lines and 200 extensions. Businesses can easily enhance their MERLIN MAGIX® Integrated System by adding any of a growing number of e-business, customer service, or computer telephony integration (CTI) applications. The MERLIN MAGIX Integrated System simplifies administration and maintenance, which can reduce operating costs. Programming is via a user-friendly, graphical user interface (GUI)-based software application: the Microsoft Windows-based System Programming and Maintenance (WinSPM) software. This application provides on-screen icons and menu choices to guide system administrators through the administration process. The processor module is the “brain” of the system, a miniature computer that controls system features and diagnostics, as well as the traffic among the modules. The processor module has built in 2 jacks, one for SMDR and one for local system programming, and a built in modem for remote programming. There is also a slot for PCMCIA card for backup/restore/upgrade applications. You can program the system through an MLX-20L on an MLX module, 4424LD+ on a TDL module, or through WINSPM either locally through the admin port or remotely thru the built in modem.



## Features:

### Features of Magix 3.0

**Record-A-Call.** Release 4.0 introduces the Record-A-Call feature that allows users to record telephone voice conversations to their voice mailbox. A Record-A-Call button must be programmed on a multiline telephone to activate the feature. A MERLIN® Messaging System Release 4.0 or later is also required for the Record-A-Call feature to operate.

**New Telephone Supported** 3810 Wireless telephone. The Avaya 3810 Wireless Telephone is a digital telephone designed to work with the MERLIN MAGIX Integrated System Release 1.5 and later. It offers the mobility inherent in a wireless telephone plus access to the features and functionality of the communications system. The Avaya 3810 Wireless telephone connects to the MERLIN MAGIX System using the 412- or 024-TDL Module. For MERLIN MAGIX system feature functionality, the 3810 Telephone functions like a TransTalk 9040 telephone.

**SPM 9.0** WinSPM 9.0 software offers an automatic conversion program via the DOS-emulator version of SPM and flow control for the programming thru the serial port or remotely thru the built in modem. WinSPM will help thru the upgrade process to make it simple and utilize less time. WinSPM is backward compatible.

## Voicemail

- ✓ Merlin Messaging all releases
- ✓ 3<sup>rd</sup> party voicemail interface through single line module 012 T/R , 016 T/R or the last 6 ports of 016 ETR module with ring generator (each port of VM requires 1 station port)

## Upgrade Capabilities:

- ✓ Upgradeable using an upgrade card up to Magix 4.0, SPM s/w must be used if you want to save programming.

## Hardware

### Modules:

- |                                   |  |
|-----------------------------------|--|
| ✓ Magix Expansion Cabinet (2 max) | ✓ 100DCD                                 |
| ✓ 024 TDL                         | ✓ 008 Off premises telephone             |
| ✓ 412 LS/ID TDL                   | ✓ 012 Basic with ring generator          |
| ✓ 408 GS/LS ID MLX                | ✓ 800 GS/LS line                         |
| ✓ 408 GS/LS MLX                   | ✓ 800 Direct inward dialing              |
| ✓ 016 MLX                         | ✓ 800 BRI                                |
| ✓ 008 MLX                         | ✓ 400 GS/LS TTR                          |
| ✓ 016 ETR                         | ✓ 400 E & M tie line                     |
| ✓ 016 T/R with ring generator     | ✓ Merlin 012 Basic (not recommended)     |
| ✓ 800 GS/LS ID                    | ✓ Merlin 800 Line Card (not recommended) |
| ✓ 100 DS1 ISDN /T1                | ✓ Merlin 400 Line Card (not recommended) |
| ✓ 100R (INA)                      | ✓ Merlin 400 DTMF (not recommended)      |

### Option modules:

- ✓ Multi-function module
- ✓ Music Coupler
- ✓ Loop Start Trunk Adapter (paging)

## Telephone Sets:

### TDL Sets:

- ✓ 4400
- ✓ 4400D
- ✓ 4406D+
- ✓ 4412D+
- ✓ 4424D+
- ✓ 4424LD+
- ✓ TDL-DSS
- ✓ 3810 Wireless

### Legend MLX (digital) Sets:

- ✓ MLX-5
- ✓ MLX-5D
- ✓ MLX-10
- ✓ MLX-10D
- ✓ MLS-10DP
- ✓ MLX-16DP
- ✓ MLX-20L
- ✓ MLX-28D
- ✓ MLX-DSS

*Single line sets (LED message waiting light only supported – no neon message waiting lights supported)*

## Partner

- |                           |                                       |
|---------------------------|---------------------------------------|
| ✓ MLS-6                   | ✓ Partner 34D (series II)             |
| ✓ MLS-12                  | ✓ Partner Endeavor 6 button           |
| ✓ MLS-12D                 | ✓ Partner Endeavor 18 button          |
| ✓ MLS-18D                 | ✓ Partner Endeavor 18D                |
| ✓ MLS-34D                 | ✓ Partner Endeavor 34D                |
| ✓ Partner 6 button        | ✓ Partner cordless MLC-6/905 cordless |
| ✓ Partner 18 button       | ✓ Transtalk 9000/MDW 9000 cordless    |
| ✓ Partner 18D             | ✓ Transtalk 9030/9031/9040            |
| ✓ Partner 34D             | ✓ 3910 Wireless                       |
| ✓ Partner 6D (series II)  |                                       |
| ✓ Partner 18D (series II) |                                       |