MERLIN LEGEND® System

Powerful Benefits for Your Business Communications

At the heart of the MERLIN LEGEND® Communications System are powerful functionality and features specifically designed to provide you with tangible benefits: greater productivity for individual staff members and your business in general; efficiency enhancements that help you provide better service, for greater customer satisfaction; and cost-containment enhancements that help you use all your resources more effectively.

### Productivity

- Attendant (Operator)
  - Direct Line Console (DLC)
  - Queued Line Console (QLC)
- Auto Maintenance Busy
- Auto Number Identification (ANI)
- Automatic System Backups
- Basic Service Center (BSC)
- Calling Groups
  - Delayed Announcement
  - External Alerts
  - Most Idle Agent
    - Primary/Secondary Agent
- Overflow Traffic/Time/Prompt-Based
- Queue Control Limit
- Extension Copy
- Hotline Service
- Idle/Prime-Line Preference
- Incoming Caller Line Identification (ICLID)
- Integrated System Administrator
- Last Number Dial
- Line Request
- Local Host Computer Access
- Maintenance Alarm
- On- and Off-Hook Queuing
- On-Hook Dialing
- One-Touch Transfer
- Paging
  - External Loudspeaker
  - Internal Station Speaker—All
  - Internal Station Speaker—Group
- Park
- Personal Directory
- Personal Lines
- Personalized Ringing
- Privacy
- Remote Administration Modem
- Speed Dial
  - Button Access
  - Personal
  - System
- Station DSS Auto Dial
- System Directory
- System Renumbering

### Optional Adjuncts

- Computer-Telephony Integration (CTI)
  - TSAPI
  - PassageWay® Direct Connection
  - PassageWay® Telephony Services
    - Group PhoneWare™
    - Novell NetWare™
    - PhoneLine™
    - Phonetastic™
- Digital Announcements Units (DAUs)
- Enhanced Service Center (ESC)
- System Programming and Maintenance Software
- TransTalk™ 9000 Digital Wireless System Wallboard(s)

### Efficiency

- Alarm Clock
- Auto Answer-All/Intercom
- Auto Callback
- Auto Dial
- Auto Line Selection
- Barge In
- Call Pickup
- Call Waiting
- Callback
- Calling Groups
- Camp On
- Conference
- Coverage Extended—Primary, Secondary, Group
- Coverage Inhibit
- Data Hunt Groups
- Date/Time Display
- Delayed Call Forwarding
- Delayed Ring Interval
- Direct Voice Mail
- Directories
- Distinctive Ringing
- Do Not Disturb
- Extension Directory
- Extension Status
- Forward and Follow Me
- Handset Mute
- Hands-Free Answer on Intercom (HFAI)
- Headset Status
- Hold Reminder
- Inspect
- Intercom Dialing/Transfer
- Manual Signaling
- Message Indicator
- Microphone Disable
- Missed Reminder Call
- Music-on-Hold Interface
- Mute
Efficiency (cont.)

PCMCIA Software Upgrades
Recall
Reminder Service/Wake-up Call
Ringing Line Preference
Saved Number Dial
Send Message
Speakerphone
Timer
Transfer
Uniform Dial Plan
Voice Announce
Voice Announce from QCC
Voice Announce on Busy Station
Volume Control
Optional Adjuncts
Doorphone
Headsets
Magic On Hold® Systems
Paging
Polycom SoundStation®
Supplemental Alerts (Bell, Horn, Strobe, Chime)
Supplemental Station Alert Adapter

Cost Containment

Account Code Entry/Forced Account
Code Entry
Allowed Lists
Authorization Code Handling
Authorization Codes with Verification
Automatic Route Selection
Basic Rate Interface (BRI)—National ISDN
Data Stations
Direct Inward Dialing (DID)
Direct Inward Dialing T1 Support
DS1 Interface for T1 or PRI Service
Flash ROM Memory
Internet Access
Line/Trunk Pool Button Access
Line/Trunk Pools
Line/Trunk Queuing
Messaging
Modem Pools—External Mores
– Behind Switch
– Hybrid/PBX
– Key
Multilingual Terminals
Networking
Night Service
Off-Premises Telephone (OPX)
Out-of-Building Stations
Power Failure Transfer
Primary Rate Interface (PRI) Connectivity Support
– 56K, 56 ETS 2000, 4E13
– ANI
– Call-by-Call
– DMS-100
– DMS-250
– DXE-600E
– ISDN PRI
– Route by Dial Plan
– Station Identification (SID)
Pulse-Tone Conversion
Recorded Announcement Interface
Remote Access
Remote Call Forwarding
Remote Call Forwarding—Centrex Lines
Shared Lines
Simultaneous Voice, Data, Fax, and Video
Station Message Detail Recording (SMDR)
Station Restriction
Switched Data
Tandem Switch
Tandem Trunks
Toll Trunks
Toll Fraud Defaults
Voice Mail
Voice Mail Off
Year 2000 Compliance
Optional Adjuncts
Ascend Pipeline
Call Accounting System (CAS)
INTUTY™ AUDIX® System
INTUTY™ CONVERSANT® System
MERLIN LEGEND Mail
– Collected Digits
MERLIN LEGEND Reporter
Multifunction Module
Uninterruptible Power Supply (UPS)
Video Systems
– Desktop
– Group

Specifications

Capacities
80 Trunks, 200 Station Ports, 108
Simultaneous Nonblocking Conversations

Control Unit Dimensions
Fully Loaded Basic Carrier:
23" H x 14" W x 12" D
(54.8 cm H x 35.6 cm W x 30.5 cm D)
Fully Loaded 2-Carrier:
23" H x 23" W x 12" D
(54.8 cm H x 61.0 cm W x 30.5 cm D)
Fully Loaded 3-Carrier:
23" H x 37" W x 12" D
(54.8 cm H x 94.0 cm W x 30.5 cm D)

Power Requirements
Fully Loaded Basic Carrier:
117 VAC 60 Hz ± 5% 5.4 Amps
Fully Loaded 2-Carrier:
117 VAC 60 Hz ± 5% 10.8 Amps
Fully Loaded 3-Carrier:
117 VAC 60 Hz ± 5% 16.2 Amps

Weight
Fully Loaded Basic Carrier: 45 lb (20.25 kg)
Fully Loaded 2-Carrier: 90 lb (40.50 kg)
Fully Loaded 3-Carrier: 135 lb (60.75 kg)

Heat Dissipation
Fully Loaded Basic Carrier: 500 BTU/hr
Fully Loaded 2-Carrier: 1,000 BTU/hr
Fully Loaded 3-Carrier: 1,500 BTU/hr

Environmental Conditions
Temperature: 40°–104° F (4°–40° C)
Relative Humidity: 20–80%, Noncondensing

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