

NEC

DS1000/2000



**The
STANDARD
For the
NEW MILLENNIUM**

DS1000/2000 **Simplicity, I**

All new system architecture built for the 21st century.

NEC's legendary reliability and quality standards are evident in the DS1000/2000 innovative 32-bit architecture. This new concept features Digital Signal Processor (DSP) Technology, on-board flash memory, and field software upgradeability. The compact DS1000 starts with 3 lines, 8 stations, and 4 analog ports. It expands to 6 lines, 16 stations, and 8 analog ports just by plugging in a single expansion board. The basic DS2000 system is available with 4 slots and 48 ports. It is easily expandable to 8 slots and 104 ports by upgrading to a 104 port cabinet. You can grow the system as you grow your business — while keeping your initial installation investment in common equipment intact.

All this new technology does not come at the expense of easy installation! Easily wall-mountable cabinets, removable access covers, and simplified one-pair wiring mean your initial installation *and* future add-ons will be quick and economical.

Integrating NEC's renowned power features – retooled for the office of the future.

The power features first introduced a decade ago in the legendary DS01 have since become the industry standard. DS1000/2000 builds on this base with its totally revamped and redesigned feature set that further enhances the ease-of-use in its digital predecessor. DS1000/2000 brings a new level of speed and sophistication to the features you've come to expect from an NEC phone system.

Busy offices can always keep pace with productivity features like Caller ID (with logging), Last Number Redial, Speed Dial and Hotline. Getting through to busy co-workers is never a problem thanks to extensively redeveloped Call Waiting, Voice Over, Reverse Voice Over and Off-Hook Signaling.

Larger firms have a bevy of workgroup features from which to choose, such as Call Coverage on any phone, Extension Hunting, Group Call Pickup and multi-party Conference. As the demands on the phone system increase, DS1000/2000 is right there with advanced features like full NVM-Series Voice Mail Integration (highlighted by Park and Page, Conversation Record and Answering Machine Emulation).

DS1000/2000 — NEC's Standard for the New Millennium



22-Button Standard



22-Button Display

Elegance and Reliability



**34-Button Display
With 110-Button DSS**

A family of telephones that sets the new standard in office communications

- All models offer 10 One-Touch Keys, Dual LEDs, Voice Over and built-in Speakerphone.
- All 2-line display models feature 4 Interactive Soft Keys for intuitive, automated feature operation.
- 34-button sets are available with optional 24- or 110-Button DSS.



**34-Button Super Display
With 24-Button DSS**



34-Button Display



34-Button Super Display

Specifications and Features

Specifications

DS1000	<u>Base</u>	<u>Exp.</u>
Digital Stations (max.)	8	16
Analog Stations (max.)	4	8
Trunks (max.)	3	6
Analog Door Boxes	1	2
Door Box/Page Relays	1	2
One Pair Wiring		

DS2000	<u>4-Slot</u>	<u>8-Slot</u>
Ports (max.)	48	104
Digital Stations (max.)	32	96
Analog Stations (max.)	16	56
Trunks (max.)	24	48
Door Box/Page Relays	1	1
One Pair Wiring		

System Features

Account Codes
 Alternate Attendant
 Attendant Call Queuing
 Attendant Position
 Automatic Ring Down
 Battery Backed-up Memory
 Caller ID (with logging)
 Delayed Ringing
 Dial Number Preview
 Dial Tone Detection
 Direct Inward Line (DIL)
 Door Box (Analog¹ and Digital)
 Extended Ringing
 Extension Hunting (UCD, Circular and Terminal)
 External Alerting Devices
 Flexible Numbering Plan
 Group Ring
 ISO 9002 Approved Manufacture
 Modem Cut-Through¹
 Music On Hold
 Names for Extensions and Trunks
 Night Service / Night Ring / Night Answer
 Non Blocking Architecture
 Off-Premise Extension
 PBX / Centrex Compatibility
 Ring Groups
 Single Line Telephones / 2-OPX Modules
 Special Services and OCC Compatibility
 Station Message Detail Recording
 Station Overflow

System Diagnostics
 System Identification
 System Programming Password Protection

System Timers
 Time and Date
 Toll Restriction
 Trunk Groups / Rotaries
 Universal Night Answer
 Voice Mail Compatibility
 Year 2000 Compliance

Station Features

Alphanumeric Display
 Automatic Answer
 Automatic Handsfree
 Background Music
 Barge In (Intrusion)
 Call Coverage Keys
 Call Forwarding
 Call Forwarding Cancel
 Call Timer
 Call Waiting / Camp-On
 Callback
 Central Office Calls, Answering
 Central Office Calls, Placing
 Centrex Compatible Feature Keys
 Class of Service
 Conference
 Direct Station Selection (DSS)
 Direct Station Selection (DSS) Console
 Direct Trunk Access
 Directed Call Pickup
 Directory Dialing (Company, Personal and Extension)
 Distinctive Ringing, Enhanced
 Do Not Disturb
 Flash
 Forced Trunk Disconnect
 Group Call Pickup
 Group Listen
 Handsfree, Handsfree Answerback and Monitor
 Headset Compatibility
 Hold (with Recall Display)
 Hotline
 Intercept of Calls
 Intercom
 Key Ring
 Last Number Redial
 Line Keys
 Loop Keys
 Meet-Me Conference
 Message Waiting

Microphone Mute
 Off-Hook Signaling
 One-Touch Keys
 Paging
 Park (with Recall Display)
 Prime Line Preference
 Privacy and Privacy Release
 Private Line
 Programmable Function Keys
 Pulse to Tone Conversion
 Release Key
 Removing Trunks and Extensions From Service
 Reverse Voice Over
 Ringdown Extension
 Ringing Line Preference
 Save Number Dialed
 Selectable Display Messaging
 Silent Monitor
 Soft Keys
 Speed Dial
 Split (Alternate)
 Tandem Trunking / Unsupervised Conference
 Transfer (with Recall Display)
 Transfer, Handsfree
 Trunk Group Routing
 Trunk (Line) Queuing
 User Programmable Features
 Voice Over
 Volume and Contrast Controls

Voice Mail (NVM-Series)

Integration Features

Answering Machine Emulation
 Automatic Call Routing to Mailbox
 Call Forward to Mailbox
 Caller ID with Return Call
 Conversation Record
 Message Center
 Number of Messages Displayed
 One-Touch Forwarding
 One-Touch Mailbox Access
 One-Touch Message Retrieval
 Park and Page
 Transfer to Mailbox

¹ DS1000 Only

Some features may be optional, not applicable to all systems or require additional equipment. Some federal and state laws require notification, such as a beep or require consent from all parties, prior to recording a telephone conversation. The information contained herein is subject to change without notice at the sole discretion of NEC America. All trademarks are property of their respective owners.

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