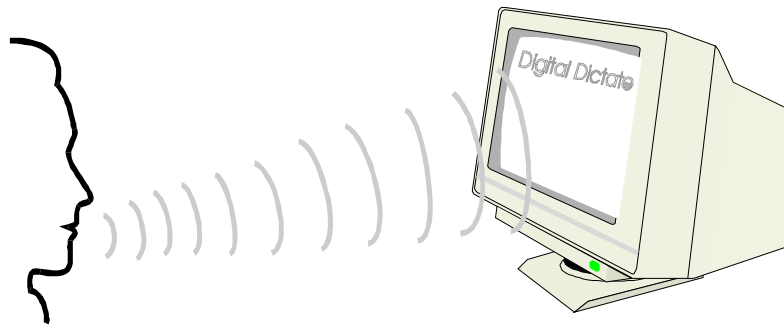


NCC Digital Dictate™

“Making Computer Voice Dictation Usable”

**Interface Version to:
IBM’s VoiceType™ Dictation for Windows
and MS Windows Applications**



N C C®

INCORPORATED

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“Making Computer Voice Dictation Usable”

Product Summary:

The combination of Digital Dictate™ and VoiceType™ Dictation provides the most advanced and feature rich computer based dictation available. This version of NCC Digital Dictate™ is an add-on, enhanced interface for use with IBM's VoiceType™ Dictation for Windows and various Windows 3.1 applications (e.g. MS Word, WordPerfect and Ami Pro). Digital Dictate™ adds powerful enhancements that allows faster corrections, dictation rates and numerous other features outlined below. This version is not a stand alone product and requires VoiceType™ Dictation which provides the Speech recognition engine and the appropriate Windows application.

FEATURES & BENEFITS:

- **Direct dictation into MS WORD 6.0 with access to all MS WORD functions while dictating**
- **Versions for MS Word, WordPerfect, Ami Pro and other Windows applications**
- **Speech enabled editing**
- **Powerful features for saving speaker statistics and deferring corrections**
- **Increased dictation rates achieved with deferred corrections, Switch•It™* and CardSwitch™* options. Allows users to concentrate on dictation, not word recognition and corrections**
- **Faster correction process through the use of unique accuracy thresholds. Accutrac™* highlights low accuracy words and Correct•It™* provides automated proof reading and correction capabilities**
- **Autosave protects long documents with user defined save parameters**
- **Microphone “pause and restore” functions controlled with Speech commands**
- **Additional Hardware and Software enhancement Add-On products are available**

SYSTEM REQUIREMENTS:

IBM's VoiceType™ Dictation for Windows, Computer system meeting VoiceType™ Dictation for Windows Requirements, VoiceType™ Dictation Adapter and the specific Windows application for the Digital Dictate™ version (e.g. MS WORD, WordPerfect, Ami Pro or other supported applications)

INCLUDES:

There are separate versions of Digital Dictate™ which provides NCC's interface Technology for direct dictation into Microsoft Windows applications, using the VoiceType™ Dictation Recognition Engine (Part of IBM's VoiceType™ Dictation for Windows which must be purchased separately)

***Patents Pending**

The following are trademarks or registered trademarks of their respective companies: VoiceType /IBM, Inc.; MS WORD/Microsoft Corp.; WordPerfect/WordPerfect Corp.; Excel/Microsoft Corp.; Lotus123/Lotus Corp.; Dictaphone/Dictaphone Inc.; MS Mail/Microsoft Corp.; ccMail/Lotus Corp.; Dragon Dictate/Dragon Inc.; Kurzweil Voice/Kurzweil Inc.; Ami Pro/Lotus Inc.; Windows/Microsoft Corp.

PRODUCT COMPARISON TABLE

FEATURE:	DIGITAL DICTATE™ + VoiceType Dictation™	Voice Type Dictation™	Dragon Dictate™	Kurzweil VOICE™
Option for use of portable recorder	Yes	No	No	No
Allows for deferred correction of dictation session	Yes	No	No	No
Access to all application functions while dictating, without updating the speaker model	Yes	No	No	No
Saving without updating the Speaker Model	Yes	Yes	No	No
Maximum Words Per Minute(Based on in-house tests)	70-100+	60-80	30-40	30-40
Wireless In-put options	Yes	No	No	No
Automated proof reading	Yes	No	No	No
Correction of selected words based on % recognition accuracy	Yes	No	No	No
Autosave of dictation with user defined parameters	Yes	No	No	No
Direct Dictation into major Windows text applications (e.g. MS Word, WordPerfect)	Yes (Requires specific versions)	No	Yes (limited Functionality)	Yes (limited Functionality)
Dictation into any Windows application	No	No	Yes	Yes
Dictation without correcting recognized words	Yes	Yes	No	No
Voice Enabled Editing	Yes	Yes (limited)	Yes (Only while dictating)	Yes (Only while dictating)
Hardware assisted correction options	Yes	No	No	No
Option for Telephone Input	Yes	No	No	No
Voice Command Control	Yes	Yes	Yes	Yes
Uses any MPC Sound card for input	No	No	Yes (Better results with DSP board)	No
Requires a Special DSP Speech Recognition board	Yes	Yes	No (Improves recognition if used)	No
Version for OS/2 Warp	No	Yes	No	No
Version for UNIX	No	Yes	No	No
No need for viewing screen while dictating	Yes	Yes	No	No
Requires initial training	Yes	Yes	No (May be required for some users)	No (May be required for some users)
Allows for Continuous Speaking (Not Discrete Word Pronunciation)	No	No	No	No
Provides for Speech control of Mic activation when off or muted	Yes	No	No	No
Recognition Engine type Tri-Gram: Best Recognition accuracy Bi-Gram: Fair Recognition accuracy	Tri-Gram	Tri-Gram	Bi-Gram	Bi-Gram

Note: This comparison was prepared based on internal NCC tests. Every effort has been made to be fair and accurate. We strongly recommend any potential user personally evaluate each product. The technology involved in voice recognition is the result of hard work by hundreds of people throughout the world. We do not intend to reduce the accomplishments of our competitors by these comparisons. All products we have tested are worthy of your evaluation.

Digital Dictate System Design Options

INPUT OPTIONS				
Standard Microphone	Freedom-I™ Wireless Headset	Freedom-II™ Desktop Microphone	PhoneMic™	Dat•Direct™* Portable tape recorder/player
RECOGNITION ENGINE				
IBM's VoiceType™ Dictation for Windows				
APPLICATION INTERFACE				
NCC Digital Dictate-Interface for MS Word 6.0 , WordPerfect, Ami Pro (additional interfaces for Excel, Lotus 1-2-3, Ami Pro, ccMail, MS Mail, Available February 1995)				
DICTIONATION CONTROLS				
Speech enabled dictation control	Switch•It™ Hardware Switch	CardSwitch™ Wireless Switch	Tape•Ease™ control of Dat•Direct™* Cassette recorder/player	
DOCUMENT EDITING TOOLS				
Word specific editing of highlighted words	Automated Proof Reading of dictated text with synchronized audio playback	Traditional WORD 6.0 Editing	Speech enabled editing using voice commands	
FILE SAVE OPTIONS				
Text Only	Text & Speaker Model Updating	Text & Sound files for deferred corrections		

CUSTOM DIGITAL DICTATE™ HARDWARE ACCESSORIES (SOLD SEPARATELY):

- SWITCH•IT™* Foot pedal control switches between Dictation and Proofing/Correction Modes
- CardSwitch™* Infrared wireless control, switches between Dictation and Proofing/Correction Modes
- Freedom-I™* Wireless Headset Microphone and Speaker using 900mhz technology
- Freedom-II™* Desktop Microphone/Speaker
- PhoneMic™* Conversion unit for standard telephone into Dictation Microphone
- IO•Control™* Microphone and Speaker Level Control with Mic-Line and Line-Mic conversions
- Dat•Direct™* hand held portable DAT recorder and player system includes Tape•Ease™* interface hardware and software for seamless transcription within any Digital Dictate™ application

SOFTWARE ACCESSORIES(SOLD SEPARATELY):

- Add-On Vocabularies for Legal, Medical, Science and Business
- NCC DIGITAL DICTATE™* Versions for all major Windows text related software applications (e.g. WordPerfect, MS Word, Ami Pro, ccMail, MS Mail, Excel, Lotus 1-2-3)
- Future plans for Interfaces to a variety of Legal, Medical, Science and Business applications

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