



ONYX VS

Digital Communication System

HIGH TECHNOLOGY
WITH A HUMAN TOUCH

No two ONYX™ VS Digital Communication Systems are exactly alike.

■ The Power To Be Human.

Part of what makes us human is our infinite variety. Businesses of all types and sizes using ONYX™ VS digital communication systems are discovering that their phone systems take on a surprisingly human character.

Every phone in the system can be programmed by the user to react to changing business conditions as they occur. And with its tremen-

dous range and variety of useful features, the entire system becomes a powerful smart new tool for communicating, from desk to desk, headquarters to field, you to your customers.

The moment you pick up the solidly built, ergonomically sculptured ONYX VS handset, something tells you you're dealing with a very special telephone. The large, soft-touch dial pad and clear display reflect the human engineering behind the scenes. ONYX VS is engineered for people in businesses both small and large, each with unique requirements. The best in digital communication is now easily within reach with ONYX VS. It's high technology with a human touch.

■ ONYX VS Is More Than A Telephone Today.

ONYX VS will serve as much more than a telephone system in your office.

Use **Automated Attendant** to answer incoming calls with a recorded greeting, provide callers with a time-saving extension number directory, transfer to requested extensions or switch callers to a live receptionist.

With **Text Messaging** you can select up to 16 pre-programmed messages such as "IN A MEETING", and "ON VACATION". Some messages can be customized. Choose a message such as "BACK AT ___" and fill in the appropriate time using the dial pad. When you receive an internal call, your message automatically appears on the caller's display phone.

Use the ONYX VS telephone as a phone book. **Directory Dialing** lets you quickly call your most commonly used internal and external numbers by "open-

ing" your phone book, scrolling through the displayed list of names and pressing the dial key when you see the name of the person you want to call.

While on an outside call, if you wish others to hear the outside party, simply press the **Group Listen** key and continue speaking normally into the handset. Others in the area will hear the outside party's conversation through the speaker.

Enhance building security with the **Door Box**. The ONYX VS system can signal you when you have visitors, allowing you to talk to them. Open the door with a press of a button to let them in.

Sophisticated **Paging** capabilities allow you to



customize your ONYX VS system for paging within designated zones and throughout the entire office. All digital telephones in the system, including the ONYX single line phone, can receive and originate pages.

A number of **Voice Mail** features help you use ONYX VS as an answering machine; an answering machine that thinks. Just speak into your phone to record a brief message: "Hello, you can reach me at 926-5400", for example. ONYX VS Voice Mail will contact you at your home, cellular phone or pager, anywhere you designate. Retrieve your messages or forward them to another mailbox, even deliver a spoken memorandum.

■ And It Will Be Even More Tomorrow.

The smallest member of the ONYX digital family, ONYX VS can grow to a powerful **24-line, 72-station** system with the addition of plug-in modules. All ONYX systems use the same telephones, providing a platform for growth all the way to **72 lines and 180 stations**.

ONYX VS is ready today with the features you'll need tomorrow. For example, **Caller ID** shows who's calling even before you answer, allowing you to handle your callers with that important "personal touch". When you add NVM-Series **Return Call (with Caller ID)**, your system can automatically dial a caller that has left you a Voice Mail message. You don't even have to know the caller's phone number.

■ Designed To Lower Communication Costs.

You might want to refigure your overhead costs after installing an ONYX VS system. **Toll Restriction** helps control your expensive long distance calls by allowing you to decide what can be dialed from each extension, while **Automatic Route Selection (ARS)** saves you money by automatically choosing the least expensive long distance carrier.

Simplify billing with an **Account Code** procedure which documents time for clients and assures the call is billed to the appropriate customer. Track the calls made from each extension with **Station Message Detail Recording**. Optimize your line usage with the comprehensive, built-in **Call Management Report**.

Automatic Call Distribution (ACD) allows automatic distribution of calls equally among agents. ACD also provides management with full reports and supervisors with ACD group monitoring and override capabilities. The **ACD Supervisors** can also record a system-wide **ACD Announcement** from their telephone.

With the ONYX VS system's **Remote Diagnostics**, you'll also save on service calls. ONYX VS continuously monitors its own health and can automatically report faults to the attendant. **Remote Access** is possible, reducing costly on-site service time and eliminating unnecessary site visits.



Standard Telephone



Display Telephone

■ **With Features To Boost Office Productivity.**

ONYX VS is loaded with a wide variety of features designed to boost everyone's productivity, reduce annoying "phone tag" and help your administrative staff cover the phones at all times.

Voice Over allows you to privately receive, and respond to, an intercom announcement while you're on an outside call, without disturbing the party you're speaking with.

Delayed Ringing and **Call Coverage** mean you won't miss important messages or discourage callers. After a selected number of rings, your call will ring and be answered at another extension. Have your calls easily sent to any designated person in your absence.

With **Ringign Assignment** you can select which lines will ring at your extension, while **Prime Line**

Assignment and **Ringign Line Preference** mean you simply pick up the handset to get an open line or answer your extension. No need to look for flashing lights or to press any keys.

Unsupervised Conference allows you to connect two outside parties and drop out of the call to continue working. ONYX VS will keep the parties connected until one of them hangs up.

Have **Personal Greeting** answer your calls, play your personalized message to the caller and then automatically forward them to a predetermined extension, all without the addition of Voice Mail.

Hotline connections provide instant contact between executives and secretaries, or between co-workers. Talk to a hotline partner even if the extension is busy.

■ **High Technology Without High Anxiety.**

ONYX VS was designed for your business, because that's our business. You won't need to assign a telecommunications specialist to maximize the system's potential. ONYX VS is no mere collection of bells and whistles — it's loaded with simple, elegant features you'll actually use.

You'll benefit from all that ONYX VS can offer because its features are **truly user-friendly**. ONYX VS offers single-button feature access. User programming is reduced to simple logic based on dial pad letters (SD for Speed Dial). And Call Management features are integrated into the system so you don't have to remember dialing codes — ONYX VS remembers for you.

■ **An Organization As Good As Its Product.**

In the ONYX VS our engineers have created a digital communication system that recognizes the differences in all of us. It gives your business maximum telecommunication flexibility and adaptability — the power to be human.

Our manufacturing facilities are among the most modern in the world. All our facilities are **ISO 9002** approved, the new worldwide standard for quality manufacturing. Computer control systems, automated production and the watchful eye of our Quality Control Department ensure that your ONYX VS is both reliable and economical.



Single Line Telephone

Display Telephone with DSS Console

WED 09/14 09:22A

5400	5401	5402	5403	5404
5405	5406	5407	5408	5409

PAT	BILL	JOE	MIKE	PAUL
VERA	BONNIE	AL	JANE	CAROL

STA NO.
CO

1	ABC	DEF	DIAL
GHI	2	3	LAST
4	JKL	MNO	VOL UP ▲
PRS	5	6	SAVE
7	TUV	8	VOL DN ▼
*	9	PGM	FTR
	0	#	

PAGE	PARK	C. FWD	C.BACK	MSG
HOLD	INTERCOM	CONF	DND MIC	HF

ONYX™ VS Features

System Capacities

	Lines	Stations
Min.	4	12
1 CEU	8	24
2 CEU	16	48
3 CEU	24	72

Power Failure Cut-Through Circuit
(One per CO Module)

Intercom, Non-Blocking

External Page Zones (One per CEU)

External Control Relay Circuits
(One per CEU)

Internal Page 7 (And One All-Call Zone)

System Features

Alternate Attendant
Background Music
Battery Back-Up
Call Announce w/HF Reply
Caller ID
CENTREX/PABX Compatible
Class of Service
Conference
Direct Terminating Lines
Distinctive Tone Ringing
DSS/BLF Intercom Keys
DTMF to Dial Pulse Conversion
Executive/Secretary Hotline
External Loud Ring Control
External Paging Access
Group Call Pickup
Group Ringing
Line Queuing/Auto Callback
Music-On-Hold
Night Service, Assigned & Universal
Non-Restricted Lines
Off-Premise Extension (OPX)
Paging Through Built-In Speakers
Park, General and Personal Orbits
Peripheral Control Unit (PCU)
Alarm Sensors
DTMF Receivers
External Paging
Fax/Modem Discrimination
Personal Computer Interface (PCI)
TAPI Compatibility
Telemarketing Dial
Privacy On All Lines
Privacy Release Groups
Single Line 2500 Set Compatibility
Special CO Ring Tone
Speed Dialing – System & Extension
Timed Flash
Timed Recall Of Held Calls
Toll Restriction
Uniform Call Distribution (UCD)
Voice Announced Transfer/Intercom
Voice Mail, Integrated (NVM-Series)
Voice Module Unit (VMU)
ACD Announcements
Automated Attendant
Personal Greetings
System Voice Prompts
Voice Over

Station Features

Automatic Hold
Call Forward
Callback
Camp-On
Delayed Ringing Assignments
Digital Vol. Controls (3 Functions)
Direct Line Access
Direct Station Select Keys
Directed Call Pickup
Display Phone Features
Dial Number Preview
Directory Dialing, Intercom
Directory Scrolling
Display Messages
Feature Status Prompts
Incoming Call Identification
Name Displays
Personalized Messages
Recall Status With Destination ID

Do-Not-Disturb
Dual Color Station LEDs
Executive Override (Intrusion)
Executive Override Block
Extended Ringing
Flexible Line Assignments
Flexible Ringing Assignments
Flexible Station Feature Keys
Group Listen
Headset Compatibility
Hold, Exclusive & I-Hold
Hotlines With DND Override
Last Number Redial
Message Waiting
Microphone On/Off & Mute
Night Answer (Universal/Assigned)
Off-Hook Signaling – Tone/Voice
On-Hook Dialing
Prime Line Preference
Private Lines (Direct Terminating)
Programmable Keys
Ring Line Preference
Room Monitor
Save Number Dialed
Secretarial Call Coverage
Speakerphones
Speed Dialing – Extension/System
Split Capability
Station Cabling, 2 Twisted Pair
User Programmable Functions
Walking Class of Service

Attendant Features
Alternate Attendant
Automatic Fault Reporting Displays
Automatic Hold, Line-To-Line
Busy Lamp Field
Busy Out Lines/Stations
Call Forward Cancel
Camp-On
DSS Console, 80-Button
Display, Alphanumeric
Auto Fault Reporting Displays
Call Destination Identification
Date & Time
Feature Status Prompts

Door Box



ASI



Incoming Call Identification
Name Displays
Recall Status With Destination Identification
Forced Line Disconnect
Headset Compatible
Hotline
Message Waiting
Monitor
Multiple Attendant Positions
Night Transfer
Off-Hook Signaling
On-Hook Dialing Transfer
User Programmable Functions
Voice Announce w/Handsfree Reply

Auxiliary Module Features

Account Codes – Forced & Verified
Automatic Call Distribution (ACD)
ACD Announcement (requires Voice Module Unit)
Call Queue Display
Supervisor Position (ACD)
Automatic Route Selection
Directory Dialing, Speed Dial
Directory Printing
Disk Backup Of System Program
Flexible Numbering Plan
Line Group Dial Up
Line Group Access
Remote Maintenance & Diagnostics
Self Diagnostics
Station Message Detail Recording (SMDR) With Call Buffer
Traffic Management Reports

Voice Mail (NVM-Series)

Integration Features
Automatic Call Routing to Mailbox
Call Forward to Mailbox
Conversation Record
Fax-On-Demand
Number of Messages Displayed
One-Touch Forwarding

One-Touch Mailbox Access
One-Touch Message Retrieval
Park and Page
Personal Answering Machine Emulation
Return Call (with Caller ID)
Status Link (Monitor)
Transfer to Mailbox

Proprietary Instruments/Interfaces

Executive Display Telephone
30-Button Telephone (HF)
30-Button Telephone (Standard)
Digital Single Line Telephone
80-Button DSS Console
Digital Door Box and Relay Box
Analog Station Interface (ASI)
Dual OPX/ASI Module
Peripheral Control Unit (PCU)
Personal Computer Interface (PCI)
Voice Module Unit (VMU)
Integrated Voice Mail (NVM-Series)

Mechanical Specifications

	CEU	Telephones
Height	9 1/4"	3 1/2"
Width	13 3/4"	7 1/2"
Depth	4 3/4"	10 1/8"
Weight	7 lbs.	2.7 lbs.

NOTE: Weight of CEU is with all PCBs installed.

Electrical Specifications

AC Input: 105-125 VAC @ 47-63 Hz.
75 VA 55 Btu/h

Cable Requirements

Four-conductor (Two Twisted Pair)
Solid-copper station wire-
2,000 feet with No. 24 AWG
2,500 feet with No. 22 AWG

Certain features may be optional or available at a future date.

DEDICATED TO YOUR SUCCESS

