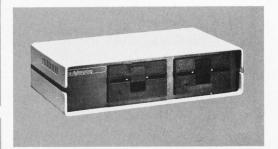
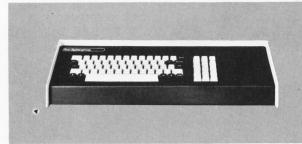
the digital group.

flyer number 12

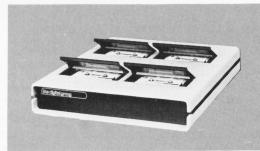
system components













contents

new prices
new systems
new product structure
new terms
new products
and a

** super centerfold **

first class mail

Dear Digital Group Customer,

No one likes to announce price increases, especially at the Digital Group.

Over the past two and half years, we have watched other hobby-computer suppliers raise their prices, but, until now, we have been able to hold the line. Even now, while raising prices, we have tried to reduce the impact by streamlining our product line so that you can purchase exactly and only what you need to assemble or expand your system. Now you can purchase a single part, various components — or a whole system. The foremost additions to our product/price list, our Integrated Computers, are complete, efficient systems available at prices less than the combined prices of their components. The complete product line/price list in the flyer contains the details of the price increase.

Our new product / price structure was established so that you can assemble your system as cost-efficiently as possible. As the systems house dedicated to providing you with the systems and components you need to "adapt to change in the state-of-the-art", we will continue to provide innovative systems, flexible peripheral components and a broad selection of products as economically as possible.

Until May 1, 1978 we will be offering our Z-80 upgrade kit for the very low price of \$99.50. The kit allows you to convert your current non-Z-80 Digital Group system to the Z-80 base for better system performance. The Z-80 is our base for software development and we want you to share in the advances we are making in this area. Don't forget — Z-80 will run 8080 object code.

Several changes have been made in the Terms and Conditions and in the Ordering Information sections which include:

- □ New prices effective March 1, 1978
- □ A 2% cash discount for prepaid cash orders effective immediately

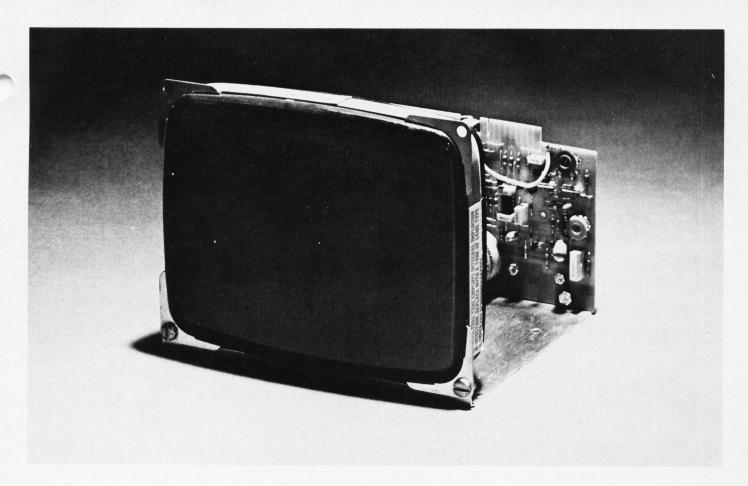
All other terms are effective immediately. Please read these sections and the price list carefully before ordering parts, systems or components. Inaccurate completion of the order form may delay delivery of your order.

While we continue to suffer from the very frustrating delivery delays common to this market place, we intend to deliver all our products within 60 days, with some items delivered within 30 days. Still, our foremost goal is to provide the quality hardware and software that best fit your needs. Not an easy goal, but we'll reach it! Our new product / price line structure is but one innovation that will help us expedite the production and delivery of quality components for your system.

Since this flyer does not describe all of our broad and varied products, do not hesitate to call (303) 777-7133 or to write for help. And, if you are not on our mailing list, please send in the form at the end of the flyer.

Thank you for your interest in our products.

The Folks at The Digital Group



THE DIGITAL GROUP PROFESSIONAL DATA DISPLAY MONITOR

The Digital Group is offering a new custom data display monitor specifically designed to legibly display a maximum amount of data on a screen. This monitor, which is housed in the Digital Group's own heavy-duty cabinet, has the latest in solid state technology and professional design.

Features and specifications:

- Quality video display designed specifically for use with computers
- Greater than 20 mHz bandwidth
- 9-inch diagonal screen
- 90° deflection angle, 20mm neck diameter
- Video rise or fall time under 20 nanoseconds
- Scanning linearity errors less than 2% of page height
- Separate SYNC line for direct drive vertical and horizontal sweeps with dead man timer back up
- Positive TTL level triggering
- Fast sweep return:
 - Horizontal 9 microseconds Vertical - 200 microseconds
- Current feedback vertical sweep with "s" correction
- Absolute beam burn protection
- Single printed circuit board contains all components except tube, yoke, and power transformer
- Operates on 115 volts 50/60 Hz or will operate on 15V DC at 1 amp
- Optional SYNC separator with VHF connectors and termination switch for multiple monitor applications

Order Information

MON9D-COMP with cabinet and cable MON9D-CP-S same as above plus SYNC separator

Assembled Only 249.50 269.50

First Customer Shipment April 1, 1978

MEM-32D

Improved memory performance at a costeffective price.

The Digital Group has improved the price/performance of its memory boards by using dynamic memory IC's. The MEM-32D board gives you 32K of assembled and tested memory for only \$695.00. Or, for \$375.00, you can purchase the MEM-16D board, which has 16K of assembled and tested memory.

Features:

- Fully burned in
- All IC's are socketed
- All connectors are included
- Low power requirements
- Totally transparent refresh compatible with all staticdesigned memory boards in the same system
- Supported only by Z-80 based systems

Order Information

MEM-16D MEM-32D Assembled Only 375.00 695.00

First Customer Shipment April 1, 1978

Digital Group Software Reference Chart

Required Operating System or Language

Z-80 OP/System. May be included as part of the

distributed package.

PHIMON PHIMON Cassette Storage System required to

run this program. PHIMON is not distributed with

this program.

DISKMON DISKMON System required to run this program.

DISKMON is not distributed with the program.

None Program runs stand-alone.

Minimum Memory Configuration

Specifies the total recommended memory size necessary to run the program (including the operating system, if required).

Hardware Support

32/64 TVC

Indicates if the program supports or runs with 32 and/or 64 character displays.

Audio Cassette

Indicates if the program has capability of

storing data on audio files.

Phideck

Indicates if the program has capability of

storing data on Phideck tape files.
Indicates if printer output is supported.

Printer Disk

Indicates if printer output is supported.

Indicates if disk storage is supported.

Maintenance Level

1 Product is fully supported and maintained by Digital Group.Periodically, new versions or updates to programs will be released. Each release is provided at an additional charge.

Product is maintained by Digital Group. Fixes will be made available on request, but new versions will not be provided.

3 Product is maintained by the original author. Any fixes provided to Digital Group will be made available on request.

4 Product is distributed on an "as is" basis only. No support is provided.

Distribution Medium

A Audio Cassette (Suding format - 1100 baud)

P PHIMON Cassette Storage System format

DS Standard Floppy disk system format

DM Mini Floppy disk system format

HADDWADE SHIDDORT

| | Required | Minimum | | | | | | | | |
|-----------------|---------------|---------|--------|--------|----------|----------|---------|------|--------|--------|
| Product | OP Sys or | Memory | | | Audio | | | | Maint. | Distr. |
| Code | Language | Config. | 32 TVC | 64 TVC | Cassette | Phideck | Printer | Disk | Level | Medium |
| Oper. Systems | | | | | | | | | | A D |
| PHIMON | _ | 10K | Υ | Υ | Y | Υ | N | N | 1 | A, P |
| Z80 OPSYS | _ | 2K | Y | Y | Y | N | N | N | 1 | A |
| DISKMON | _ | 18K | Y | Υ | Y | Υ | N | Y | 1 | DS, DM |
| Languages | | | | | | | | | | |
| BUS-1 | PHIMON | 26K | N | Υ | N | Y | Y | N | 1 | A, P |
| MAXI-BASIC | Z-80 | 18K | Y | Y | Y | N | Y | N | 1 | Α |
| MIN-BASIC | none | 8K | Y | Y | Υ | N | N | N | 3 | А |
| TBX-TVCOS | none | 8K | Y | Y | Y | N | N | N | 2 | А |
| ASSM I | none | 18K | Y | Y | Y | N | N | N | 4 | А |
| ASSM II | Z-80 | 18K | Y | Y | Y | N | Υ | N | 1 | А |
| OPUS-1 | none | 26K | N | Y | N | Y | Y | Y | 3 | DS |
| | none | 26K | N | Y | N | Y | Y | Y | 3 | DS |
| OPUS-2 | PHIMON | 26K | Y | Y | N | Ý | Y | N | 3 | A, P |
| CONVERS | PHIIVIUN | ZUK | 1 | | 14 | | | | | |
| Applications | | | | | | | | | | |
| Word Processing | DUUMACNI 7 CC | 401/ | N | Y | Υ | Υ | Υ | N | 1 | A, P |
| WOPROC-1 | PHIMON, Z-80 | 18K | IV | Y | T | T | | 14 | | ~, , |
| Business | | | | .,, | | N | N | N | 3 | А |
| BUS-100 | none | 8K | Υ | Υ | Υ | N | IV | 10 | J | ^ |
| Text Editing | | | | | | | | N | 3 | А |
| ED-FORM | Z-80 | 8K | Υ | Υ | Y | N | Y | | 4 | A |
| TEXT-EDI | Z-80 | 8K | Υ | Υ | Υ | N | N | N | 4 | A |
| Programmer Aids | | | | | | | | | - | |
| ASSMEDIT | none | 8K | Υ | Υ | Υ | N | Ν | N | 3 | A |
| DISASSMI | Z-80 | 8K | Y | Υ | Y | N | N | N | 3 | А |
| ED-8080 | none | 8K | Υ | N | N | N | N | N | 3 | А |
| ED-Z80 | none | 8K | Y | Y | N | N | N | N | 3 | А |
| Z80-RELO | none | 8K | Y | Y | Y | N | N | N | 3 | А |
| Games | | | | | | | | | | |
| GALAXY | none | 8K | Y | Y | _ | _ | _ | _ | 3 | А |
| KING1 | none | 8K | Y | Y | <u> </u> | _ | _ | _ | 3 | А |
| MB-GS1 thru 9 | MAXI-BASIC | 18K | Y | Y | _ | _ | _ | _ | 3 | А |
| MICRO-CH | Z-80 | 8K | N | Y | _ | _ | _ | _ | 3 | А |
| MINB-GS1 | MIN-BASIC | 8K | Y | Y | _ | _ | | _ | 3 | Α |
| | TBX-TVCOS | 8K | Y | Y | | <u>_</u> | | _ | 3 | А |
| TBX-GS1 thru 6 | Z-80 | 8K | N | Y | | | | _ | 3 | А |
| Z80-LUNAR | 2-00 | OK | 14 | 1 | | | | | | |
| Other | 7.00 | OV | Υ | Y | | | | | 3 | А |
| AMR-1 | Z-80 | 8K | Y | Y | | | | | 3 | А |
| CODE-PRAC | Z-80 | 2K | | | | | | | 2 | A |
| VOT1 thru 4 | Z-80 | 8K | Y | Y | | | | | 3 | Ā |
| 3PACK-1 | Z-80 | 2K | Y | Y | | | | | J | |

DISKMON

DISKMON, a Digital Group Z-80 Disk Operating System by David Bryant, author of PHIMON, can now be ordered.

DISKMON offers the Z-80 smaller system user fast complete control of up to four floppy disk drives and up to four Phideck digital cassette drives. While substantially more powerful than PHIMON, DISKMON retains the same basic command structure.

Features:

- Operates with 1-disk to 4-disk systems
- Supports Phidecks on disk systems
- Requires 2K memory
- Performs space management on disk reclaims scratched space

- Supports 32 or 64 character video
- Hex or octal option
- Full error messages rather than codes
- Power-up command option allows an application to be immediately loaded when power is turned on

System Components:

- Bootstrap EPROM
- Operating manual with full source listings
- System disk

Order Code: DISKMON \$45.00

New Product Structure

SERIES 1 - Units

SERIES 1 products include the boards, mechanisms, cables, and cabinets that make up the Digital Group systems. SERIES 1 offers you the greatest possible flexibility in constructing or adding to your system. Specialized boards, like our voice or ham boards, are also SERIES 1 products. As in the past, these products can be ordered as kits or as assembled and tested units.

SERIES 2 — Components

So you just wanted to get a mini floppy to attach to your current system, but weren't sure what you needed to order? Or you wanted a 32K memory mainframe but didn't know what to specify? Components (SERIES 2) solve that problem. The mainframes are complete units, internally wired to support a full configuration of peripheral devices. When you get ready to add more peripherals, you simply plug both the interface card and the device into the mainframe and you have enhanced your system. Let's take a closer look at the mainframes.

Mainframe

All mainframes have the Z-80 CPU with 64×16 video interface, four 8-bit input ports, four 8-bit output ports, audio cassette interface, 12 amp power supply, and audio load boot PROM — all mounted in our professional quality cabinet. The only variable which you need specify is the size of the memory.

Mainframe 1 - 10K total memory Mainframe 2 - 18K total memory Mainframe 3 - 34K total memory Mainframe 4 - 50K total memory Mainframe 5 - 64K total memory All mainframes are available fully assembled and tested, or in kit form. Again, the mainframes are wired to support the growth of your systems without requiring additional wiring for those systems.

Order Information

| Code | Kit | Assembled |
|--------|----------|-----------|
| MAIN-1 | 1,095.00 | 1,475.00 |
| MAIN-2 | 1,295.00 | 1,675.00 |
| E-NIAM | 1,545.00 | 1,975.00 |
| MAIN-4 | 1,895.00 | 2,345.00 |
| MAIN-5 | 2.175.00 | 2,645.00 |
| | | |

First Customer Shipment April 1, 1978

Peripherals

All peripherals have an interface card that plugs into its assigned slot in any of the mainframes, connecting cables, the peripheral device(s) itself, as well as any power supplies that may be required — all packaged in our cabinets. You just specify the peripheral functions that you need.

| | Order Code |
|-------------------------|------------|
| Keyboard | KEY1-COMP |
| Video Monitor | MON9-COMP |
| 2 drive Phideck | PHI2-COMP |
| 4 drive Phideck | PHI4-COMP |
| 1 drive mini floppy | DSM-COMP1 |
| 2 drive mini floppy | DSM-COMP2 |
| 1 drive standard floppy | DSS-COMP1 |
| 2 drive standard floppy | DSS-COMP2 |
| Printer | PT96-COMP |

That's our component line. Easy to select from and easy on your budget. If you order several components at one time, we will make every attempt to ship your entire order. However, when parts are not available we will not make a partial shipment unless those parts assembled together will function. Multiple components are not integrated, but are tested independently of each other.

SERIES 3 — Systems

System 1

System 1 is a basic building block consisting of a mainframe, keyboard, monitor and the Z-80 operating system. With the addition of your audio cassette recorder you will have a completely functional system. The features include: Z-80 CPU, 18K total memory, 64-character by 16-line video, 9" monitor, capacitance keyboard, audio cassette loader and Z-80 operating system.

The components that make up System 1 are: MAIN2, KEY1-COMP, MON9-COMP, and Z80-OPSYS.

Order Information
Code
Code
DG-SYS1A
1,695.00
First Customer Shipment April 1, 1978



System 2

System 2 expands the basic configuration provided in System 1 to include digital tape support. This greatly improves the capacity and speed of program/data storage and retrieval.

System 2 features include: Z-80 CPU, 18K total memory, 64-character by 16-line video, 9" monitor, capacitance keyboard, digital tape loader, and PHIMON (a digital tape operating system).

The components of System 2 are: MAIN2, KEY1-COMP, MON9-COMP, PHI2-COMP and PHIMON.

 Order Information
 Kit
 Assembled

 DG-SYS2A
 2,295.00
 2,775.00

 First Customer Shipment April 1, 1978



System 3

System 3 is a System 1 configuration with the addition of mini floppy disk support. This improves the speed of program/data storage and retrieval.

System 3 features include: Z-80 CPU, 18K memory, 64-character by 16-line video, 9" monitor, capacitance keyboard, two mini floppy drives, mini floppy loader and DISKMON (disk operating system).

The components are: MAIN2, KEY1-COMP, MON9-COMP, DSM-COMP2, and DISKMON.

 Order Information
 Kit
 Assembled

 DG-SYS3A
 2,875.00
 3,495.00

 First Customer Shipment April 1, 1978



System 4

The System 4 provides a growth system over System 3 with the addition of more memory and a printer.

The features are: Z-80 CPU, 34K total memory, 64-character by 16-line video, 9" monitor, capacitance keyboard, two mini floppy drives, printer, disk loader and DISKMON.

The components are: MAIN3, KEY1-COMP, MON9-COMP, DSM-COMP2, PT96-COMP, and DISKMON.

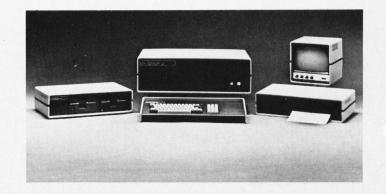
Order Information
Code
DG-SYS4A

Code Kit
DG-SYS4A 3,875.00
First Customer Shipment April 1, 1978

Assembled 4,675.00

Assembled

1.995.00



Development 1

The Development 1 system provides a base for developing applications to operate on the Digital Group component systems. The system includes most of the peripheral components in the Digital Group line.

The features are: Z-80 CPU, 34K total memory, 64-character by 16-line video, 9" monitor, capacitance keyboard, two Phideck tape units, two standard floppy disk drives, printer, disk loader and DISKMON.

The components include: MAIN3, KEY1-COMP, MON9-COMP, PHI2-COMP, DSS-COMP2, PT96-COMP, and DISKMON.

Order Information

Code Kit
DG-SYS5A 4,745.00
First Customer Shipment April 1, 1978

Assembled 5,795.00



Computational 1

The Computational 1 system provides a large memory mainframe for data array manipulation.

Its features include: Z-80 CPU, 65K total memory, 64-character by 16-line video, 9" monitor, capacitance keyboard, two Phideck tape units, tape loader and operating system.

The components are: MAIN5, KEY1-COMP, MON9-COMP, PHI2-COMP and PHIMON.

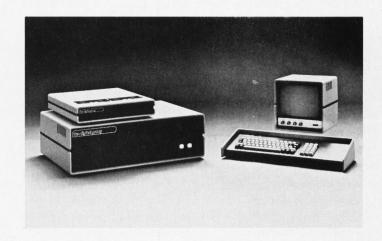
Order Information

Code DG-SYS6A

3,145.00

Assembled 3,775.00

First Customer Shipment April 1, 1978



Ham System 1

The Ham System 1 provides a combination of components for the amateur radio enthusiast.

The features include: Z-80 CPU, 18K total memory, expanded I/O ports, 64-character by 16-line video support (no monitor), capacitance keyboard, amateur radio software, our Ham Board, and Assembler II and Maxi-BASIC software.

The components of the Ham System 1 are: MAIN2, IO-F, HAM-1, KEY1-COMP, MAXI-BASIC and ASSMII.



Order Information

Code

Ki

Assembled

DG-SYSHAM

Old 1,545.00 New 1,695.00 Old 2,045.00 New 2,195.00

First Customer Shipment April 1, 1978

,545.00

1,695.00

2,0 10.00

TERMS AND CONDITIONS

PAYMENT WITH ORDER

Submit either a personal check or money order. The Digital Group reserves the right to hold shipment on an order until personal checks clear. A 2% discount is offered for cash prepaid orders (no charge orders).

CHARGE ORDERS

The Digital Group accepts both Mastercharge and Visa (BankAmericard), either by phone or mail. Charge orders are processed the same as prepaid orders. Upon receipt of the order, the charge is submitted to the charge company for authorization. Our sequential delivery number is not assigned until the charge is authorized. **Minimum charge order is \$50.00**.

COD ORDERS

All COD orders must be accompanied by 10% of the total purchase price before the order can be processed and a sequential order number assigned. No COD orders for less than \$50.00 will be accepted. A 5% surcharge will be added to the order (up to \$10) for the special handling COD's require. **COD orders are shipped on a cash or certified fund basis. Personal checks will not be accepted by the delivery service.**

PURCHASE ORDERS

Purchase orders will usually be accepted from the following only:

- 1. Governmental Institutions
- 2. Educational Institutions

All other orders require payment with the order or must be COD. Purchase Order terms: 5% 10 net 30.

FOREIGN (Outside Continental U.S.) ORDERS

All foreign orders must be prepaid in U.S. dollars and will be shipped with air freight charges to be collected. Contact local customs office to determine duty charges, if any.

DELIVERY LEAD-TIMES

All orders are shipped in the order in which they are received and approved. We will do our utmost to deliver your order as soon as possible.

Unless otherwise specified, expect delivery of your order within 30 to 60 days after our receipt of the order. However, since the Digital Group often depends upon its suppliers for timely delivery, unexpected delays occur from time to time. You will be notified if your order is delayed.

CANCELLATION AND REFUND POLICY

All orders placed with the Digital Group, Inc. are subject to cancellation by either buyer or seller upon written or telephoned notification of intent.

Prepaid orders that have already been shipped or were refused at the buyer's door will be refunded, less a \$25.00 shipping and handling fee, upon return receipt of the merchandise.

COD deposits on orders that have been shipped and were refused at the buyer's door will be refunded for the balance of the COD deposit, less a \$25.00 shipping and handling fee.

Our prices are subject to change without prior notice.

PARTS POLICY

The Digital Group is not a distributor of electronic parts; however, parts that are not readily available will be offered to Digital Group customers in limited quantities. A detailed list of the available parts will be published with the March catalog.

SERVICE AND REPAIR POLICIES

FLAT FIX-IT FEE SCHEDULE

| BOARD | FEE |
|-----------------|-----------------------|
| TVC & TVC-64 | 50.00 (Repair & Tune) |
| 1/0 | 20.00 |
| MEM-8 | 25.00 |
| MEM-32 | 35.00 |
| CPU's (all) | 45.00 |
| PHI-F | 50.00 |
| CAS-STD | 30.00 |
| TVR | 25.00 |
| MB-2 | 15.00 |
| PT96 CONTROLLER | 45.00 |
| COMM-4 | 25.00 |
| VOTRAX | 40.00 |
| HAM-1 | 45.00 |
| DISK CONTROLLER | 45.00 |
| PWR-Ø | 10.00 |

All other boards not included in schedule — \$30.00.

A minimum service fee of \$10.00 will be assessed on all boards or mechanisms returned to us for service and repair, regardless of whether or not our test results show a problem with the returned product.

Products and components that we buy in quantity and sell to you, rather than manufacture ourselves, usually are returned to the manufacturer for repair. When this happens we have little control over repair time, but we will return your unit to you as soon as it is returned to us by the manufacturer. Items under 90-day warranty are serviced without charge and are returned freight collect. When the item is no longer under warranty, you will be charged for correction of the malfunction and the item will be returned to you COD, freight collect.

General Notes: Please package properly all items returned for repair or service. Printed circuit boards or IC's should be wrapped in aluminum foil or conductive foam.

Please include a description of the malfunction and your Digital Group order number. If the item was purchased from a dealer and the repair is under warranty, please include a copy of the dated sales receipt.

All returned boards or components must be complete, assembled units with cables attached and wired to Digital Group configurations to qualify for the flat fix-it fee schedule. A fee of \$20.00 per hour will be charged for repair of items not qualified for the flat fix-it schedule.

A \$20.00 trouble-determination fee, in addition to the individual board repair fee, will be charged for complete systems or components returned to us for repair.

DIGITAL GROUP, INC. LIMITED WARRANTY

In general, all products, parts, and materials supplied by the Digital Group are warranted to be free from defects in materials for a period of ninety (90) days from date of shipment.

Our warranty does not cover and we are not responsible for damage caused by the use of corrosive solder, defective tools, incorrect assembly, misuse, fire, or by unauthorized modifications to, or unusual physical or electrical stress or uses of our products for purposes other than as advertised.

The terms on this warranty constitute the entire LIMITED WARRANTY given by the Digital Group. No representation either orally or otherwise shall be relied on as constituting any warranty. THE DIGITAL GROUP EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTIBILITY, IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY LIABILITY FOR ANY REMEDY GIVEN BY ANY LAW, WHETHER STATE OR FEDERAL.

Any dispute arising under this contract shall be governed by Colorado law and the sole forum to be used to decide any such dispute shall be the courts of the State of Colorado.

The acceptance by buyer of this product shall constitute an acceptance of this warranty; however, buyer expressly disclaims any right to exercise any long arm jurisdictional statute in his state of residence.

The Digital Group, Inc. assembled and tested units — All parts and labor are warranted for 90 days after receipt of complete unit. The warranty is not valid for user-caused problems. Parts and service charges will be made for repair of user-caused problems as determined by the Digital Group.

Full-parts kits — All Digital Group parts are warranted for 90 days on an exchange basis. Service charge for labor will apply if the entire kit is sent back for repair. You will be billed for both parts and service for user-caused problems as determined by the Digital Group.

Partial kits or parts — All Digital Group supplied parts are warranted for 90 days on an exchange basis. Full service charge will apply if kit is sent back for repair. You will be billed for both parts and service for usercaused problems as determined by the Digital Group.

Modified kits — Warranty applies only to unmodified portions and those portions not affected by any modification.

Service charge — Fix-it fee is usually established when the product is announced and covers all labor involved in tracking down problems and correcting them. The fix-it fee applies when the purchaser wishes us to fix the problem for out-of-warranty kits and units that have gone down. Payment for service charges (fixit fee) should accompany any kit sent back to us for repair.

Parts charges — Parts charges apply to any user parts found to be defective that must be replaced, and to out-of-warranty parts.

Postage — When returning boards, you pay the postage one way; we pay the postage for returning any item **manufactured by us** to you by the carrier of our choice. Products or components not manufactured by us (i.e., disk drives) will be returned to you freight collect.

The Digital Group reserves the right to change any warranty policy or term without prior notice and to send hopeless basket-cases back to the purchaser (without service charges).



The Digital Group has produced its first completely integrated computer package. As a result of clever packaging and design we are now offering hardware, software and integrated packaging as a complete unit.

The Bytemaster has:

Components

- A 9-inch professional data display (CRT) with more than 20 mHz bandwidth
- A video interface with 16 lines of 64 characters, full upper and lower case, Greek & symbols
- □ Either 18K or 34K memory
- □ The powerful Z-80 CPU
- □ Four 8-bit parallel input ports and four 8-bit parallel output ports
- □ A solid-reliable 12 amp power supply
- ☐ An audio cassette interface 1100 Baud
- □ A detached keyboard with number pad solid-state, capacitance design for positive feel & reliability
- □ Mini-disk or digital cassette

System Base

- Either a dual density mini-disk with up to 250,000 unformatted characters of storage, or
- □ A digital cassette with up to 750,000 characters of storage

Software

- □ Either DISKMON if mini-disk is selected, or
- □ PHIMON if digital cassette is selected

Features

- □ An automatic power up system start no toggling
- The cabinet is mounted on a heavy duty metal yoke for ease of operation
- □ Professional metal cabinets
- □ Tested, proven system design

The Bytemaster, which will support up to 64K of memory, has been designed with expansion in mind. When assembled, it is fully wired to support the following optional maximum configuration:

- □ 4 digital cassette drives, and either
- □ 4 mini-disk drives or 3 standard-disk drives
- □ Printer
- □ External monitors
- Plus the keyboard and data display that come with the Bytemaster

The Bytemaster's motherboard is pre-wired for an additional 4 parallel output ports and 4 parallel input ports so that they can be added with a single additional I/O card. And one memory space is left for additional peripherals that will be announced.

Bytemaster System Configuration

Order Information

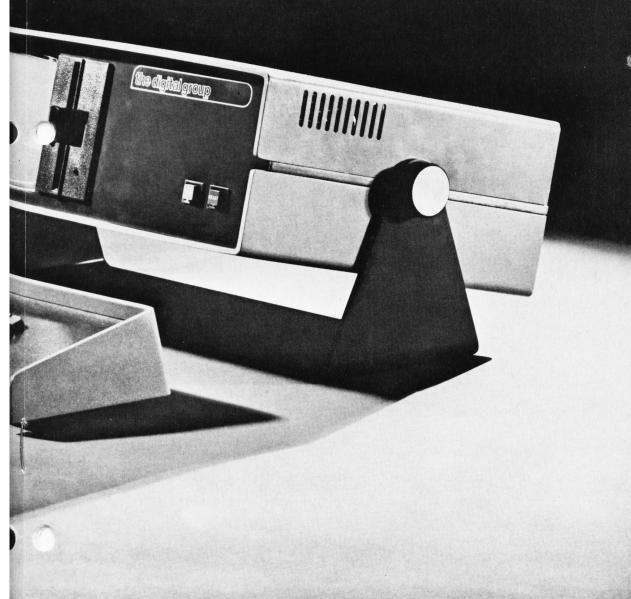
Description Order Code Kit Assembled Digital Cassette, 18K MASTER-1 1,995.00 2,495.00 Digital Cassette, 34K MASTER-2 2,345.00 2,845.00 Mini-Disk, 18K MASTER-3 2,395.00 2,895.00 Mini-Disk, 34K MASTER-4 2.695.00 3.245.00

First Customer Shipment May 1, 1978



bytemaster

the next generation of personal computing.



Complete Product Line Price List New Prices effective March 1, 1978. Prices subject to change without notice. Refer to previous flyers for a more complete

description.

| Description | Order Code | Kit Old | Kit Price Old New | | Assembled Price Old New | | |
|--|--|--|--|--|--|--|--|
| SERIES 4 — BYTEMASTER | | | | | | | |
| All systems in the SERIES 4 line include Z-80 CPU, 64 character video, built in data monitor, keyboard & yoke cabinet, blus provisions for attachment of additional storage devices and a printer. | | | | | | | |
| 18K Total memory, Phideck storage, PHIMON 32K Total memory, Phideck storage, PHIMON 18K Total memory, Mini Floppy storage, DISKMON 32K Total memory, Mini Floppy storage, DISKMON | MASTER-1 MASTER-2 MASTER-3 MASTER-4 | NA NA NA NA | 1,995.00 2,345.00 2,395.00 2,695.00 | NA NA NA | 2,495.00 2,845.00 2,895.00 3,245.00 | 65 65 65 | |
| SERIES 3 — SYSTEMS A system in the SERIES 3 line can be ordered as a kit or a completely assembled, integrated and tested unit. All systems include the monitor and keyboard. | | | | | | | |
| System 1 | DG-SYS1A | NA | 1,695.00 | NA | 1,995.00 | 54 | |
| MAIN-2, Z80-OPSYS System 2 | DG-SYS2A | NA | 2,295.00 | NA | 2,775.00 | 79 | |
| MAIN-2, 2 Phidecks, Tape EROM, PHIMON System 3 | DG-SYS3A | NA | 2,875.00 | NA | 3,495.00 | 95 | |
| MAIN-2, 2 Mini Floppies, Disk EROM, DISKMON System 4 MAIN-3, 2 Mini Floppies, Printer, Disk EROM, | DG-SYS4A | NA | 3,875.00 | NA | 4,675.00 | 112 | |
| DISKMON Development 1 MAIN-3, 2 Phidecks, 2 Standard Floppies, Printer, Disk | DG-SYS5A | NA | 4,745.00 | , NA | 5,795.00 | 131 | |
| EROM, DISKMON Computational 1 | DG-SYS6A | NA | 3,145.00 | NA | 3,775.00 | 73 | |
| MAIN-5, 2 Phidecks, Tape EROM, PHIMON Ham System 1 MAIN-2, 8 additional I/O ports, Hamboard, Software (MAXI BASIC and ASSM II) | DG-SYSHAM | 1,545.00 | 1,695.00 | 2,045.00 | 2,195.00 | 59 | |
| SERIES 2 — COMPONENTS Mainframes All Mainframe components in the SERIES 2 line include the Z80 CPU, 64 character video, four 8-bit input ports, four 8-bit output ports, standard motherboard, 12 amp power supply, dress cabinet, assembled dynamic memory, audio load PROM, and standard wiring. | | | | | | | |
| Mainframe 1, 10K Total memory | MAIN-1 | NA | 1,095.00 | NA NA | 1,475.00 1,675.00 | 52 54 | |
| Mainframe 2, 18K Total memory Mainframe 3, 34K Total memory Mainframe 4, 50K Total memory Mainframe 5, 64K Total memory | MAIN-2 MAIN-3 MAIN-4 MAIN-5 | NA NA NA | 1,295.00 1,595.00 1,945.00 2,245.00 | NA NA NA | 1,995.00 2,395.00 2,695.00 | 54 54 54 | |
| Peripherals All Peripheral components in the SERIES 2 line include the interface card for the Digital Group mainframe, the device(s), the interface cables, power supplies and cabinets to make the components functional. | | | | | | | |
| Keyboard — Capacitance with numeric pad 9" Data Monitor 9" Data Monitor plus SYNC separator 9" Monitor 96 column printer Phideck — 2 drives Phideck — 4 drives Mini Floppy — 1 drive Mini Floppy — 2 drives Standard Floppy — 1 drive Standard Floppy — 2 drives | KEY1-COMP MON9D-COMP MON9D-CP-S MON9-COMP PT96-COMP PHI2-COMP PHI4-COMP DSM-COMP1 DSM-COMP2 DSS-COMP1 | 180.00 NA NA 199.50 595.00 435.00 645.00 675.00 995.00 895.00 1,395.00 | NA NA NA 675.00 545.00 845.00 795.00 1,195.00 995.00 1,575.00 | 205.00 NA NA 215.00 675.00 520.00 730.00 725.00 1,145.00 995.00 1,545.00 | 245.00 249.50 269.50 249.50 795.00 675.00 995.00 975.00 1,395.00 1,795.00 | 10 23 23 23 23 19 25 21 35 21 35 | |

| Description | Order Code | Kit Old | Price Assem New Old | | bled Price New | Weight | |
|---|------------------------|----------------|------------------------|------------------|-------------------|--------|--|
| SERIES 1 — UNITS | | | | | | | |
| System Packages Three board system with Z80-CPU, IO-F, TVC-64, and MB-2 (2K Total memory) | Z80-3BDA | 475.00 | 495.00 | 695.00 | 595.00 | 8 | |
| Four board system with Z80-CPU, IO-F, TVC-64, MEM-8C, and MB-2 (10K Total memory) | Z80-4BDA | 675.00 | 695.00 | 945.00 | 895.00 | 10 | |
| System Package Options | | | | | | | |
| Substitute 8080 CPU | 8080-SUB | (50.00) | NC | (50.00) | NC | 2 | |
| Substitute 6800 CPU Substitute 6502 CPU | 6800-SUB | (50.00) | NC | (50.00) | NC | 2 | |
| Processor Cards | 6502-SUB | (100.00) | NC | (100.00) | NC | 2 | |
| Z80-CPU with 2K RAM & EPROM bootstrap loader (Audio) | Z80-CPU | 295.00 | 295.00 | 345.00 | 345.00 | 0 | |
| 8080-CPU with 2K RAM & EPROM bootstrap loader (Audio) | 8080-CPU | 245.00 | 295.00 | 295.00 | 345.00 | 2 | |
| 6800-CPU with 2K RAM & EPROM bootstrap loader (Audio) | 6800-CPU | 245.00 | 295.00 | 295.00 | 345.00 | 5 | |
| 6502-CPU with 2K RAM & EPROM bootstrap loader (Audio) | 6502-CPU | 195.00 | 295.00 | 245.00 | 345.00 | 2 | |
| Memory Cards | | | | | | | |
| 1702A 4K EPROM board with 4K 1702A's (unprogrammed) | 1702-F | 299.00 | 299.00 | 345.00 | 345.00 | 2 | |
| 1702A 4K EPROM board without 1702A's | 1702-0 | 75.00 | 75.00 | NA | NA | 2 | |
| 8K memory board using high speed low power 2102's | MEM-8C | 275.00 | 225.00 | 345.00 | 275.00 | 5 | |
| 16K memory board using 4K statics (TMS4044 or equiv.) | MEM-16 | 445.00 | 445.00 | NA | NA | 2 | |
| 16K memory board using 4K dynamics | MEM-16D | NA | NA | NA | 375.00 | 2 | |
| 32K memory board using 4K statics (TMS4044 or equiv.) 32K memory board using 4K dynamics | MEM-32 | 845.00 | 845.00 | 945.00 | 945.00 | 2 | |
| 8K memory board (MEM-8C) without chips | MEM-32D MEM-0 | NA 50.00 | NA 60.00 | NA NA | 695.00 NA | 2 | |
| 32K memory board (MEM-32) without chips | MEM32-0 | 50.00 | 60.00 | NA | NA | 2 | |
| Peripheral Cards | | | 00.00 | | | _ | |
| Communications interface with parts for one I/O channel | COMM-1 | 95.00 | 95.00 | NA | NA | 2 | |
| Communications interface with four I/O channels | COMM-4 | 145.00 | 145.00 | 195.00 | 195.00 | 5 | |
| Ham interface board | HAM-1 | 195.00 | 195.00 | 295.00 | 295.00 | 2 | |
| I/O card — four 8-bit input ports and four 8-bit output ports | IO-F | 65.00 | 65.00 | 95.00 | 95.00 | 2 | |
| Audio interface — stand alone | CAS-STD | 30.00 | 39.50 | 65.00 | 65.00 | 0 | |
| Mini Floppy interface — supports four devices | DSM-INT1 | 195.00 | 199.50 | 245.00 | 249.50 | 5 | |
| Standard Floppy interface — supports four devices | DSS-INT1 | 195.00 | 199.50 | 245.00 | 249.50 | 5 | |
| Phideck interface — supports four devices | PHI-F | 135.00 | 149.50 | 195.00 | 220.00 | 2 | |
| Video interface — 32 x 16 including audio interface | TVC-F | 130.00 | 145.00 | 195.00 | 195.00 | 2 | |
| Video interface — 64 x 16 including audio interface Voice Synthesizer board | TVC-64 VOTRAX1 | 140.00 | 155.00 | 205.00 | 205.00 | 2 | |
| Paddlecard — 20mA current loop with parts | PAD-20MA | 495.00 7.95 | 695.00 7.95 | 595.00 NA | 795.00 NA | 4 | |
| Paddlecard — with 8 RS232 lines | PAD-232-1 | 30.00 | 30.00 | NA | NA | 1 | |
| Paddlecard — with 32 RS232 lines | PAD-232-4 | 75.00 | 60.00 | NA | NA | 1 | |
| Peripheral Mechanisms | | | | | | | |
| Capacitance keyboard with numeric pad, cursor control | KEY-1 | NA | NA | 150.00 | 180.00 | 6 | |
| keys, and interface cable Monitor 9" | MONIO | 0.10 | | 475.00 | 100.50 | | |
| Cassette Tape Unit — Superscope C-104 | MON-9 CAS-1 | NA NA | NA NA | 175.00 119.50 | 199.50 119.50 | 17 | |
| Mini Floppy Disk Drives — Pertec (dual density) or equiv. | DSM-DRPT1 | NA | NA | 345.00 | 395.00 | 12 | |
| Standard Floppy Disk Drives — Shugart or equiv. | DSS-DRSH1 | NA | NA | 550.00 | 550.00 | 14 | |
| Phideck digital cassette tape unit | PHI-1 | NA | NA | 115.00 | 149.50 | 4 | |
| Accessories - Cables/Connectors | | | | | | | |
| Cable kit with crimp tool | CAB-1 | 43.95 | 55.00 | NA | NA | 4 | |
| Cable kit without crimp tool Video monitor cable — 6' | CAB-2 | 35.00 | 37.50 | NA | NA | 3 | |
| Phideck cable pack — up to 4 drives — 6' | CBL-VID CBLPK-PHI | NA NA | NA NA | 6.95 29.95 | 6.95 34.95 | 1 2 | |
| Mini Floppy cable pack — up to 2 drives | DSM-CBLPK2 | NA | NA | 80.00 | 49.50 | 5 | |
| Mini Floppy cable pack — up to 4 drives | DSM-CBLPK4 | NA | NA | 120.00 | 84.50 | 3 | |
| Standard Floppy cable pack — up to 2 drives | DSS-CBLPK2 | NA | NA | 80.00 | 49.50 | 2 | |
| Standard Floppy cable pack — up to 4 drives CPU Connector Set — five 22-pin Dual, 3 PAD-STD, 2 PAD-PROT | DSS-CBLPK4 22-CONN5 | NA 45.00 | NA 54.50 | 120.00 NA | 84.50 NA | 3 | |
| Accessories - Boards | | | | | | | |
| Extender boards — complete set | EXT-3 | 55.00 | 55.00 | 75.00 | 75.00 | 0 | |
| Mini motherboard — holds 1 CPU, 1 TVC, 1 Memory, | MB-1 | 30.00 | 55.00 30.00 | 75.00 NA | 75.00 NA | 3 | |
| and 1 I/O cards | | 55.55 | 20.00 | 144 | IVA | U | |
| Standard motherboard — holds 1 CPU, 1 TVC, 3 Memory, | MB-2 | 45.00 | 45.00 | NA | NA | 1 | |
| and 4 I/O cards Memory expansion — adds 5 memory slots | MR 2 | 05.00 | 00.50 | A.L.A. | N.I.O. | | |
| Michiel y expansion — duas o memory sitts | MB-3 | 25.00 | 29.50 | NA | NA | 1 | |

| Description | Order Code | Kit Price Old New | | Assembled Price Old New | | Weight | |
|--|----------------------|----------------------|------------------|-------------------------|---------------|--------|--|
| L/O evenneigns adds 40 L/O slate | MB-4 | 40.00 | 45.00 | NA | NA | 1 | |
| I/O expansions — adds 10 I/O slots 1702A ROM board with connectors | 1702-PCC | 35.00 | 35.00 | NA | NA | 1 | |
| I/O card with connectors | IO-PCC | 40.00 | 47.50 | NA | NA | 1 | |
| I/O prototyping card with connectors | PROT-IOC | 38.00 | 39.50 | NA | NA | 1 | |
| Memory prototyping card with connectors | PROT-MEMC | 35.00 | 37.50 | NA | NA | 1 | |
| Paddlecard — standard | PAD-STD | 5.95 | 6.95 | NA | NA | 1 | |
| Paddlecard — prototyping | PAD-PROT | 5.95 | 6.95 | NA | NA | 1 | |
| Cabinets | | | | | | | |
| Mainframe — Basic Box | BB-STD | 45.00 | 95.00 | NA | NA | 9 | |
| Mainframe — Complete Basic Box | BB-COMP | 95.00 | 145.00 | NA | NA | 12 | |
| Mainframe — Dress Cabinet | CB-CPU | 145.00 | 249.50 | NA | NA | 27 | |
| Keyboard for KEY-1 | CB-KEY1 | 35.00 | 59.50 | NA | NA NA | 7 6 | |
| Monitor for MON9 | CB-MON9 | 35.00 | 59.50 | NA NA | NA | 9 | |
| Phideck — 2 drives | CB-CAS2 CB-CAS4 | 45.00 45.00 | 65.00 65.00 | NA | NA | 9 | |
| Phideck — 4 drives | DSM-CB1 | 65.00 | 95.00 | NA | NA | 15 | |
| Mini Floppy — 1 drive Mini Floppy — 2 drives | DSM-CB2 | 85.00 | 95.00 | NA | NA | 15 | |
| Standard Floppy — 1 drive | DSS-CB1 | 85.00 | 145.00 | NA | NA | 20 | |
| Standard Floppy — 2 drives | DSS-CB2 | 105.00 | 145.00 | NA | NA | 20 | |
| Peripheral Plate | PP-1 | 19.50 | 29.95 | NA | NA | 5 | |
| Power Supplies | | | | | | | |
| Mini Floppy — supports 2 drives | DSM-PWR2 | 65.00 | 85.00 | 85.00 | 110.00 | 5 | |
| Standard Floppy — supports 2 drives | DSS-PWR2 | 65.00 | 85.00 | 85.00 | 110.00 | 5 | |
| -5V @ 1 amp, -12V @ 1 amp, +12V @ 1 amp | PWR-Ø | 45.00 | 45.00 | 60.00 | 60.00 | 3 | |
| +5V @ 12 amp | PWR-12-5V | NA | NA | 105.00 | 135.00 | 9 | |
| +5V @ 12 amp plus PWR-Ø | PWR-12 | 135.00 | 175.00 | 165.00 | 195.00 | 9 | |
| +5V @ 18 amp | PWR-18-5V | NA | NA | 145.00 | 185.00 | 10 | |
| +5V @ 18 amp plus PWR-Ø | PWR-18 | 175.00 | 220.00 | 205.00 | 245.00 | 10 | |
| Upgrades | | | | | | 0 | |
| CPU card to Z-80 CPU | Z80-UPG | 185.00 | 145.00 | NA | NA | 5 | |
| TVC card from 32 char/line to 64 char/line | TVC-64UPG | 65.00 | 69.50 | NA | NA | 5 | |
| MEM-16 to MEM-32 using 4K statics | MEM16-32 | 425.00 | 425.00 595.00 | NA NA | NA 695.00 | 20 | |
| Mini Floppy expansion from 2 to 3 drives | DSM-EXP1 DSM-EXP2 | NA NA | 995.00 | NA | 1,145.00 | 34 | |
| Mini Floppy expansion from 2 to 4 drives | DSS-EXP1 | NA | 825.00 | NA | 925.00 | 20 | |
| Standard Floppy expansion from 2 to 3 drives Standard Floppy expansion from 2 to 4 drives | DSS-EXP2 | NA | 1,375.00 | NA | 1,545.00 | 34 | |
| Test Equipment | | | | | | | |
| TTL Logic Detector Probe | PROBE-DET | 18.95 | 19.95 | 24.95 | 24.95 | 2 | |
| TTL Logic Injector Probe | PROBE-INJ | 18.95 | 19.95 | 24.95 | 24.95 | 2 | |
| Both PROBE-DET amd PROBE-INJ | PROBE-PAIR | 37.00 | 37.50 | 49.00 | 47.50 | 4 | |
| Frequency Counter in a probe | FREQ-CTR | NA | NA | 99.50 | 99.50 | 2 | |
| Digital Voltmeter | DVM-S | NA | NA | 59.50 | 59.50 | 2 | |
| Media/Supplies | | | | | | | |
| Standard Floppy Disk — hard sector | | | | 7.00 | 7.00 | 1 | |
| Single | DSS-F1H | NA | NA | 7.00 | 7.00 30.00 | 1 2 | |
| Package of 5 | DSS-F5H | NA NA | NA NA | 30.00 50.00 | 55.00 | 5 | |
| Package of 10 | DSS-F10H | IVA | IVA | 30.00 | 33.00 | | |
| Standard Floppy Disk — soft sector Single | DSS-F1S | NA | NA | 7.00 | 7.00 | 1 | |
| Package of 5 | DSS-F5S | NA | NA | 30.00 | 30.00 | 2 | |
| Package of 10 | DSS-F10S | NA | NA | 50.00 | 55.00 | 3 | |
| Mini Floppy Disk — soft sector | | | | | | | |
| Single | DSM-F1S | NA | NA | 7.00 | 7.00 | 1 | |
| Package of 5 | DSM-F5S | NA | NA | 30.00 | 30.00 | 2 | |
| Package of 10 | DSM-F10S | NA | NA | 50.00 | 55.00 | 2 | |
| Audio Cassette | | | | | 0.00 | | |
| Single | CASSETTE1 | NA | NA | NA | 2.00 | 0 | |
| Package of 5 | CASSETTE5 | NA | NA | NA | 9.50 | 3 5 | |
| Package of 10 | CASSETTE10 | NA | NA | NA | 18.00 | J | |
| Data Cassette | C-DATA | NA | NA | 7.00 | 7.00 | 1 | |
| Single | C-DATA C-DATA5 | NA | NA | 32.50 | 32.50 | 3 | |
| Package of 5 Package of 10 | C-DATA10 | NA | NA | 60.00 | 60.00 | 5 | |
| | SDATATO | | | | | 1 | |
| Real-World Interface Motherboard and power supply | RW-MBPS | 95.00 | 95.00 | 115.00 | 115.00 | 4 | |
| Parallel CPU interface | RW-PARCPU | 70.00 | 70.00 | 85.00 | 85.00 | 2 | |
| Cabinet | RW-CABINET | 49.95 | 99.50 | NA | NA | 15 | |
| Above three items complete | RW-BASE | 199.50 | 199.50 | 260.00 | 260.00 | 34 | |
| Motherboard PC board only | RW-MB-PC | 45.00 | 45.00 | NA | NA | 1 | |
| | | | | | | | |

| Description | Order Code | Kit Price Old New | | Assembled Price Old New | | Weight | |
|--|--|--|--|---|---|---|--|
| AC Controller, complete AC Controller without eight 2N 6342/3A's and eight MCS-2's | RW-AC8 RW-AC8-0 | 125.00 49.95 | 125.00 49.95 | 150.00 NA | 150.00 NA | 5 | |
| DC Controller, complete DC Controller without eight 2N 6055's Prototyping card, complete | RW-DC8 RW-DC8-0 RW-PROT1 RW-PROTPC | 65.00 40.00 24.95 19.95 | 65.00 40.00 24.95 19.95 | 79.50 NA NA NA | 79.50 NA NA NA | 2 2 2 1 | |
| Prototyping PC board | | 13.33 | 19.90 | | - IVA | | |
| DOCUMENTATION SERIES 4 — BYTEMASTER Standard documentation supplied with system including hardware, cabinets, cables and software. | | | | | | | |
| Bytemaster 1 & 2, digital tape based Bytemaster 3 & 4, mini disk based | DOC-MAST-1 DOC-MAST-2 | NA NA | NA NA | 25.00 25.00 | 25.00 25.00 | 1 | |
| SERIES 3 — SYSTEMS Standard documentation supplied with system including hardware and software. | | | | | | | |
| System 1 System 2 System 3 System 4 Development 1 Computational 1 Ham System 1 | DOC-DGSYS1 DOC-DGSYS2 DOC-DGSYS3 DOC-DGSYS4 DOC-DGSYS5 DOC-DGSYS6 DOC-DGSYSH | NA NA NA NA NA NA | NA NA NA NA NA | 25.00 25.00 25.00 35.00 35.00 25.00 | 25.00 25.00 25.00 35.00 35.00 25.00 25.00 | 1 1 1 1 1 1 | |
| SERIES 2 — COMPONENTS Documentation supplied with component. | | | | | | | |
| Mainframes — 18K through 64K | DOC-MAINC | NA | NA | 25.00 | 25.00 | 1 | |
| Digital cassettes (Phidecks) Mini Disk Subsystems Standard Disk Subsystems Keyboard — capacitance with numeric pad Data Display 96 Column Printer | DOC-PHIC DOC-DSM DOC-DSS DOC-KEYC DOC-MON9DC DOC-PT96C | NA NA NA NA NA | NA NA NA NA NA | 7.50 10.00 10.00 1.50 1.50 5.00 | 7.50 10.00 10.00 1.50 1.50 5.00 | 1 1 1 1 1 | |
| SERIES 1 — UNITS Item documentation not included with SERIES 2 thru 4. | | | | | | | |
| Basic Box and Peripheral Plate Standalone Audio Cassette Interface Communications Interface 8K Static Memory 32K Static Memory 3-voltage Power Supply 32 Character TV Readout & Cassette Interface 1702-A EPROM Real World Speech Synthesizer 6500-CPU 6800-CPU 8080-CPU | DOC-BB&PP DOC-CASSTD DOC-COMM DOC-MEM8 DOC-MEM32 DOC-PWRØ DOC-TVC-F DOC-1702A DOC-RW DOC-VOTRAX DOC-6500 DOC-6800 DOC-8080 | NA | NA NA NA NA NA NA NA NA NA | 1.50 1.50 5.00 1.50 1.50 1.50 1.50 7.50 10.00 5.00 5.00 | 1.50 1.50 5.00 1.50 1.50 1.50 1.50 1.50 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| SOFTWARE All software packages include documentation. | | | | | | | |
| Operating Systems Z-80 Operating System Disk Operating System (DISKMON) Phideck Operating System (PHIMON) | Z80-OPSYS DISKMON PHIMON | NA NA NA | NA NA NA | 7.50 NA 30.00 | 7.50 45.00 30.00 | 1 1 1 | |
| Languages Assembler I Assembler II Business Basic CONVERS Maxi-BASIC Mini-BASIC OPUS/ONE OPUS/TWO Tiny-BASIC extended | ASSMI ASSMII BUS-1 CONVERS MAXI-BASIC MINI-BASIC OPUS-1 OPUS-2 TBX-TVCOS | NA NA NA NA NA NA NA | NA NA NA NA NA NA NA | 15.00 15.00 20.00 25.00 15.00 15.00 65.00 110.00 7.50 | 15.00 15.00 20.00 25.00 15.00 15.00 65.00 110.00 7.50 | 1 2 2 2 1 1 2 2 | |

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| 10.00 7.50 27.50 5.00 15.00 5.00 10.00 10.00 | 1 1 1 1 1 1 1 1 1 |
| 7.50 27.50 5.00 15.00 5.00 10.00 10.00 | 1 1 1 1 1 1 |
| 7.50 27.50 5.00 15.00 5.00 10.00 10.00 | 1 1 1 1 |
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ORDERING INFORMATION

FREIGHT CHARGES

All orders prepaid, for full purchase price, will be shipped FOB from Denver to any place in the continental U.S.A.; the Digital Group will pay the freight and insurance charges.

COD orders will be shipped FOB from Denver, freight collect; buyer will pay freight and insurance charges.

Purchase orders will be shipped FOB from Denver, freight collect; buyer will pay freight and insurance charges.

Orders for delivery outside the continental U.S.A. are shipped FOB from Denver, freight collect, by a freight carrier mutually agreed upon by the manufacturer and buyer.

Orders weighing over 100 lbs. will be shipped on different days to meet carrier requirements.

APO and FPO delivery will be at customer expense because of freight carrier restrictions.

Shipping charges subject to change without notice

TERRITORY 48 CONTINENTAL UNITED STATES

TO DETERMINE ZONE, TAKE FIRST THREE DIGITS OF ZIP CODE TO WHICH PARCEL IS ADDRESSED AND REFER TO CHART BELOW

| ZIP CODE UPS ZIP CODE UPS ZIP CODE UPS ZIP C PREFIX ZONE PREFIX ZONE PREFIX ZONE PREF | |
|--|-------|
| 010-043 7 373-379 6 580-583 5 825-8 | |
| 044 8 380-384 5 584-593 4 828 . | |
| | 331 3 |
| 046-048 8 386-392 5 596-597 4 832-8 | |
| 049-089 7 393-395 6 598-599 5 835-8 | |
| | 373 4 |
| 100-1397 600-6395 874-8 140-1476 400-4186 640-6484 878-8 | 377 3 |
| | |
| 148-149 7 420 5 650-658 5 884. | |
| 150-167 6 421-422 6 660-675 4 890-8 | |
| 168-199 7 423-424 5 676-679 3 894-8 | |
| 425-458 6 680-689 4 898 . 200-214 7 460-466 5 690-693 3 | 4 |
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| 215 | 54 5 |
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| 226 | |
| 227 | |
| 229-239 7 474-479 5 730-738 4 983-9 | |
| 240-253 6 480-489 6 739 3 985 . | |
| 254 | |
| 255-274 6 492 6 747 5 988-9 | |
| 275-279 7 493-495 5 748 4 | 194 5 |
| 280-282 6 496-497 6 749-761 5 | |
| 283-285 7 498-499 5 762-763 4 | |
| 286-293 6 764-789 5 | |
| 294-295 7 500-503 4 790-799 4 | |
| 296-299 6 504 5 | |
| 505 4 800-810 2 | |
| 300-319 6 506-507 5 811 3 | |
| 320-322 7 508-516 4 812 2 | |
| 323-325 6 520-560 5 813-815 3 | |
| 326-339 7 561-562 4 816-820 2 | |
| 350-369 6 563-567 5 821-823 3 | |
| 370-372 5 570-577 4 824 4 | |

COMMON CARRIER RATE CHART

ANY FRACTION OF A POUND OVER THE WEIGHT SHOWN TAKES THE NEXT HIGHER RATE

| WEIGHT NOT TO | RATES TO | | | | | | | |
|----------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| EXCEED | ZONE 2 | ZONE 3 | ZONE 4 | ZONE 5 | ZONE 6 | ZONE 7 | ZONE 8 | |
| 1 lb. | \$.77 | \$.79 | \$.82 | \$.85 | \$.89 | \$.94 | \$.99 | |
| 2 " | .84 | .88 | .94 | .99 | 1.08 | 1.17 | 1.27 | |
| 3 " | .91 | .97 | 1.05 | 1.14 | 1.27 | 1.40 | 1.55 | |
| 4 " | .98 | 1.05 | 1.17 | 1.28 | 1.45 | 1.63 | 1.84 | |
| 5 " | 1.05 | 1.14 | 1.28 | 1.43 | 1.64 | 1.86 | 2.12 | |
| 6" 7" 8" 9" | 1.12 1.19 1.26 1.33 1.40 | 1.23 1.31 1.40 1.49 1.57 | 1.40 1.52 1.63 1.75 1.86 | 1.57 1.72 1.86 2.01 2.15 | 1.83 2.01 2.20 2.39 2.57 | 2.09 2.32 2.55 2.78 3.01 | 2.40 2.69 2.97 3.25 3.53 | |
| 11 " | 1.47 | 1.66 | 1.98 | 2.30 | 2.76 | 3.25 | 3.82 | |
| 12 " | 1.54 | 1.75 | 2.10 | 2.44 | 2.95 | 3.48 | 4.10 | |
| 13 " | 1.61 | 1.84 | 2.21 | 2.59 | 3.14 | 3.71 | 4.38 | |
| 14 " | 1.68 | 1.92 | 2.33 | 2.73 | 3.32 | 3.94 | 4.67 | |
| 15 " | 1.75 | 2.01 | 2.44 | 2.88 | 3.51 | 4.17 | 4.95 | |
| 16 " | 1.82 | 2.10 | 2.56 | 3.02 | 3.70 | 4.40 | 5.23 | |
| 17 " | 1.89 | 2.18 | 2.68 | 3.17 | 3.88 | 4.63 | 5.52 | |
| 18 " | 1.96 | 2.27 | 2.79 | 3.31 | 4.07 | 4.86 | 5.80 | |
| 19 " | 2.03 | 2.36 | 2.91 | 3.46 | 4.26 | 5.09 | 6.08 | |
| 20 " | 2.10 | 2.44 | 3.02 | 3.60 | 4.44 | 5.32 | 6.36 | |
| 21 " | 2.17 | 2.53 | 3.14 | 3.75 | 4.63 | 5.56 | 6.65 | |
| 22 " | 2.24 | 2.62 | 3.26 | 3.89 | 4.82 | 5.79 | 6.93 | |
| 23 " | 2.31 | 2.71 | 3.37 | 4.04 | 5.01 | 6.02 | 7.21 | |
| 24 " | 2.38 | 2.79 | 3.49 | 4.18 | 5.19 | 6.25 | 7.50 | |
| 25 " | 2.45 | 2.88 | 3.60 | 4.33 | 5.38 | 6.48 | 7.78 | |
| 26 " | 2.52 | 2.97 | 3.72 | 4.47 | 5.57 | 6.71 | 8.06 | |
| 27 " | 2.59 | 3.05 | 3.84 | 4.62 | 5.75 | 6.94 | 8.35 | |
| 28 " | 2.66 | 3.14 | 3.95 | 4.76 | 5.94 | 7.17 | 8.63 | |
| 29 " | 2.73 | 3.23 | 4.07 | 4.91 | 6.13 | 7.40 | 8.91 | |
| 30 " | 2.80 | 3.31 | 4.18 | 5.05 | 6.31 | 7.63 | 9.19 | |
| 31 " | 2.87 | 3.40 | 4.30 | 5.20 | 6.50 | 7.87 | 9.48 | |
| 32 " | 2.94 | 3.49 | 4.42 | 5.34 | 6.69 | 8.10 | 9.76 | |
| 33 " | 3.01 | 3.58 | 4.53 | 5.49 | 6.88 | 8.33 | 10.04 | |
| 34 " | 3.08 | 3.66 | 4.65 | 5.63 | 7.06 | 8.56 | 10.33 | |
| 35 " | 3.15 | 3.75 | 4.76 | 5.78 | 7.25 | 8.79 | 10.61 | |
| 36 " | 3.22 | 3.84 | 4.88 | 5.92 | 7.44 | 9.02 | 10.89 | |
| 37 " | 3.29 | 3.92 | 5.00 | 6.07 | 7.62 | 9.25 | 11.18 | |
| 38 " | 3.36 | 4.01 | 5.11 | 6.21 | 7.81 | 9.48 | 11.46 | |
| 39 " | 3.43 | 4.10 | 5.23 | 6.36 | 8.00 | 9.71 | 11.74 | |
| 40 " | 3.50 | 4.18 | 5.34 | 6.50 | 8.18 | 9.94 | 12.02 | |
| 41 " | 3.57 | 4.27 | 5.46 | 6.65 | 8.37 | 10.18 | 12.31 | |
| 42 " | 3.64 | 4.36 | 5.58 | 6.79 | 8.56 | 10.41 | 12.59 | |
| 43 " | 3.71 | 4.45 | 5.69 | 6.94 | 8.75 | 10.64 | 12.87 | |
| 44 " | 3.78 | 4.53 | 5.81 | 7.08 | 8.93 | 10.87 | 13.16 | |
| 45 " | 3.85 | 4.62 | 5.92 | 7.23 | 9.12 | 11.10 | 13.44 | |
| 46 " | 3.92 | 4.71 | 6.04 | 7.37 | 9.31 | 11.33 | 13.72 | |
| 47 " | 3.99 | 4.79 | 6.16 | 7.52 | 9.49 | 11.56 | 14.01 | |
| 48 " | 4.06 | 4.88 | 6.27 | 7.66 | 9.68 | 11.79 | 14.29 | |
| 49 " | 4.13 | 4.97 | 6.39 | 7.81 | 9.87 | 12.02 | 14.57 | |
| 50 " | 4.20 | 5.05 | 6.50 | 7.95 | 10.05 | 12.25 | 14.85 | |

ADDITIONAL CHARGES:

For each COD received for collection — 85 cents. For each package with a declared value over \$100 — 25 cents for each additional \$100 or fraction thereof.

WEIGHT AND SIZE LIMITS:

Maximum Weight per package — 50 POUNDS.

Maximum Weight of all packages from one shipper to one consignee in one day — 100 pounds.

THE DIGITAL GROUP ORDER FORM

| Name . | | | Date | | | | |
|------------------------------|---------------------------------------|-------------------------|---|----------|---------------|--------------------|--|
| Addres | SS | | | | | | |
| City | | | State | | Zip | | |
| Qty. | Order Code | Desci | ription | Wt. | Price Each | Amount Extended | |
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| Amoun | t Enclosed _ | | | | al of Order | | |
| BankAr | mericard or N | Mastercharge number: | Less Cash Discount (if any) | | | | |
| | | | | | Subtotal | | |
| Expirat | ion Date: | | | | Sales Tax | | |
| Interbank number (M/C only): | | Freight Charge (if any) | | | · . | | |
| Signatu | ure: | | COD Charge (5% or \$10 whichever is less) | | | | |
| | | | | | Total | | |
| | | | COD De | posit (1 | 0% of Total) | | |

| 1. Do you currently own a hobby computer? ☐ YES ☐ NO | ☐ Kit Form ☐ Assembled Form | | | |
|---|---|--|--|--|
| If YES, is it a Digital Group System? | 6. How did you hear of the Digital Group? | | | |
| ☐ YES ☐ NO If NO, whose? | □ Friend | | | |
| If NO, whose? | □ Computer Club | | | |
| 2. When do you think you will be purchasing a hobby computer? | □ Dealer □ Advertising | | | |
| ☐ Shortly☐ 6 months☐ 12 months | 7. What Computer Hobby magazines do you subscribe to, or read, regularly? | | | |
| ☐ Next year | Byte | | | |
| □ Don't know | □ Kilobaud □ Interface | | | |
| 2 What is vous istanded as cuspost use for the | ☐ Personal Computer | | | |
| 3. What is your intended or current use for the computer system? Number in order of importance if | □ ROM □ None | | | |
| more than one applies. | Other (please specify) | | | |
| ☐ Home Record Keeping & Management | | | | |
| ☐ Environmental Control☐ ☐ Small Business | 8. If you were in our place, where would you put the company's emphasis? | | | |
| ☐ Learn Digital Electronics | сопрану в етірнавів: | | | |
| ☐ Learn About Computers ☐ Computer Assisted Instruction | NGSTR TOTAL | | | |
| Games | | | | |
| □ Other (please specify) | after that, where? | | | |
| 4. How much money do you feel you'll spend on this | | | | |
| hobby this year? | | | | |
| None | then what? | | | |
| □ Under \$1000 □ Between \$1000 - \$2000 | | | | |
| ☐ Between \$2000 - \$3000 | | | | |
| □ Between \$3000 - \$4000 □ Over \$4000 | 9. Your background? (check all that apply) | | | |
| Over #4000 | ☐ Technical | | | |
| 5. By which methods would you prefer to purchase your | ☐ Data Processing ☐ Professional | | | |
| computer equipment? | □ Business | | | |
| □ Direct Mail | ☐ Student ☐ Other (please specify) | | | |
| □ Local Dealer | Other tplease specify | | | |
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| The Digital Group | | | | |
| P.O. Box 6528 | | | | |
| Denver,CO 80206 | | | | |
| Denver,CO | 80206 | | | |

In March the Digital Group will mail its first complete product catalog. To receive a copy you must return the form on the other side of this page. Please take a few minutes to answer the questions above the form, then fold, staple, and mail it to us. A statistical summary of the information you provide will enable us to evaluate your needs and improve our ability to meet them.

the digital group p.o. box 6528 denver, colorado 80206 (303) 777-7133

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first class

The Digital Group has produced its first completely integrated computer package. As a result of clever packaging and design we are now offering hardware, software and integrated packaging as a complete unit.

The Bytemaster has:

Components

- A 9-inch professional data display (CRT) with more than 20 mHz bandwidth
- A video interface with 16 lines of 64 characters, full upper and lower case, Greek & symbols
- □ Either 18K or 34K memory
- ☐ The powerful Z-80 CPU
- □ Four 8-bit parallel input ports and four 8-bit parallel output
- □ A solid-reliable 12 amp power supply
- ☐ An audio cassette interface 1100 Baud
- □ A detached keyboard with number pad solid-state, capacitance design for positive feel & reliability
- □ Mini-disk or digital cassette

System Base

- □ Either a dual density mini-disk with up to 250,000 unformatted characters of storage, or
- □ A digital cassette with up to 750,000 characters of storage

Software

- □ Either DISKMON if mini-disk is selected, or
- □ PHIMON if digital cassette is selected

Features

- ☐ An automatic power up system start no toggling
- The cabinet is mounted on a heavy duty metal yoke for ease of operation
- Professional metal cabinets
- ☐ Tested, proven system design

The Bytemaster, which will support up to 64K of memory, has been designed with expansion in mind. When assembled, it is fully wired to support the following optional maximum configuration:

- 4 digital cassette drives, and either
- □ 4 mini-disk drives or 3 standard-disk drives
- □ Printer
- ☐ External monitors
- Plus the keyboard and data display that come with the Bytemaster

The Bytemaster's motherboard is pre-wired for an additional 4 parallel output ports and 4 parallel input ports so that they can be added with a single additional I/O card. And one memory space is left for additional peripherals that will be announced.

Bytemaster System Configuration

Order Information

| Description | Order Code | Kit | Assemble |
|-----------------------|------------|----------|----------|
| Digital Cassette, 18K | MASTER-1 | 1,995.00 | 2,495.0 |
| Digital Cassette, 34K | MASTER-2 | 2,345.00 | 2,845.0 |
| Mini-Disk, 18K | MASTER-3 | 2,395.00 | 2,895.0 |
| Mini-Disk, 34K | MASTER-4 | 2,695.00 | 3,245.0 |

First Customer Shipment May 1, 1978

bytemaster

the next generation of personal computing.

