



Xybernaut's® Mobile Assistant® line of wearable computers liberates the mobile worker with a host of optional equipment designed for the task-at-hand. The components are designed for maximum ergonomics and ease of use.

Whether it is wearable cases, belts and vests, flat panel or head mounted displays, Xybernaut provides your workforce the comfort and freedom to work virtually anywhere.



Technology that Works with You <sup>SM</sup>

# Display

## All-light Readable Flat-Panel Display (FPD)

Part #	Description	MA V	MA TC	MA IV
FPD-00200	8.4" Color Daylight Readable (SVGA)—Analog Interface		•	•
FPD-00210	6.4" Color Daylight Readable (VGA)—Analog Interface		•	•
P 00018	8.4" Janus Color Hi-Brite Daylight Readable (SVGA)—Digital Interface	•	•*	
P 00039	8.4" Calypso Color Daylight Readable (SVGA)—Digital Interface	•	•*	
P 00019	6.4" Larissa Color Hi-Brite Daylight Readable (VGA)—Digital Interface	•	•*	

\* Contact your representative for availability.

XyberPanels® utilize optically enhanced touch screen all-light readable displays to maximize efficiency. They are conveniently designed to be worn on the hip or chest for true mobility.

### Tech Specs

- 6.4" (162.5 mm) viewable, 640 x 480 color VGA
- 8.4" (213.4 mm) viewable, 800 x 600 color SVGA
- Brightness control, up to 500 cd/m2
- Onscreen keyboard and built-in handwriting recognition
- Activation: voice, passive stylus, touch screen
- Available with convenient flip-down case and worn on a belt or vest

## Head-Mounted Displays (HMD) and Audio Devices

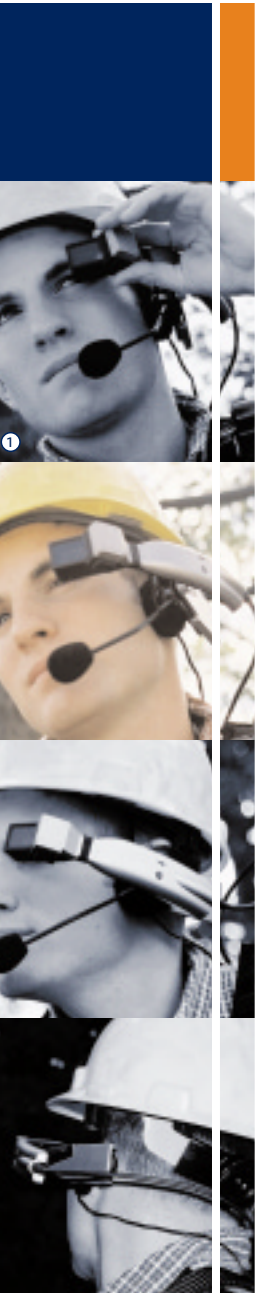
Part #	Description	MA V	MA TC	MA IV
HMD-00100	1" VGA Color with an Andrea microphone		•	•
HMD-00110	Hood		•	•
T 00030	Plantronics DSP-100 USB PC Digital Sound Headset with Mic	•		
T 00037	Telex HS-975 Dual Sided Headset with Noise Reduction	•		
T 00038	Telex HS-976 Single Sided Headset with Noise Reduction	•		
T 00039	Telex Foam Windshields for HS-975 and HS-976 Microphones	•		
T 00040	Telex Cushion Cover Socks for HS-975 Series headsets	•		
T 00041	Telex headband Cushions for HS-975 and HS-976 Headsets	•		
T 00042	Telex P-500 USB Audio Adapter	•		
P00061	ANC-600 Microphone	•	•	•
P00023	Olympus Head Mounted Display	•		

The XyberView head mounted color display (HMD), allows you to operate the MA® series wearable computers hands-free, giving you unparalleled safety, convenience and productivity. The HMD uses an integrated microphone, ear piece speaker and works with any standard voice activation program.

### Tech Specs

- VGA, SVGA color, direct view display
- Monocular or Binocular view
  - Transmissive or occluded viewing
  - Left or right-side wearable
  - Integrated microphone and ear-piece speaker for voice activation and communications

① Olympus Head Mounted Display with ANC-600 Microphone







## Power

### Power

Part #	Description	MA V	MA TC	MA IV
ACA-00100	AC Power Adapter		●	●
ACA-00101	AC Cord		●	●
ACA-00102	AC Power Adapter, Battery Charger and AC Cord		●	●
ACA-00103	AC Power Adapter (48 Watts)		●	
BCA-00100	Battery Holder		●	●
BCA-00101	Battery and Batter Holder		●	●
BCA-00102	Hot Swap Battery Holder		●	●
BCH-00100	Battery Charger		●	●
BCH-00110	Ten Bay Battery Charger		●	●
K00009	AC Adapter with power cord	●		
P00021	AC Adapter Only	●		
P00028	AC Power Cord, U.S. Version	●		
P00034	Cigarette Battery Charger	●	●	●
P00060	2 Bay Charger for 3 Cell Battery	●		
P00067	2 Bay Charger for Extended-Life 9 Cell Battery	●	●	●
K00062	Extended-Life Battery Kit (includes 2 Bay Charger (P00067), Extended-Life Battery, Battery Holder, Battery Pouch)	●		
P00006	Rechargeable Lithium-ion Battery, 3 Cell	●		
P00065	Extended-Life Lithium-ion Battery, 9 Cell, 5400Mah	●	●	●

Functional wearable computing requires power that is as mobile as the user. That's why we've engineered and developed an assortment of Hot-Swappable rechargeable batteries that will keep your MA working as long as you are.

- ② Telecommunications Technician with MA V and Janus All Light Readable Flat Panel Display
- ③ 8.4" Janus All Light Readable Flat Panel Display
- ④ Hotel Clerk Utilizing MA V and Flat Panel Display for Line Busting Application
- ⑤ Army Mechanic Performing on-site maintenance using the MA V and Olympus Head Mounted Display
- ⑥ Aircraft Mechanic Using MA V and Flat Panel Display to view Task Critical Information
- ⑦ Construction Foreman Accessing Blueprints using the MA V and Janus All Light Readable Flat Panel Display
- ⑧ MA V with Holster Configuration enabling Battery Hot-Swap

## Wearability

### Vests Suspenders and Pouches

Part #	Description	MA V	MA TC	MA IV
BWA-00102	Accessory Vest with battery, CPU, FPD, Mini Port Replicator Holsters, and Cable Sleeves (Black)		●	●
BWA-00220	Accessory Vest with battery, CPU Holsters and Cable Sleeves (Orange)		●	●
BWA-00110	Accessory Shoulder Harness		●	●
BWA-00111	Accessory Suspender		●	●
P00009	Black Vest Only	●	●	●
P00010	Orange Vest Only	●	●	●
K00005	Black Vest Set for 6.4" Larissa Flat Panel Display	●		
K00020	Black Vest Set for 8.4" Janus Flat Panel Display	●		
K00058	Black Vest Set for 8.4" Calypso Flat Panel Display	●		
K00006	Orange Vest Set for 6.4" Larissa Flat Panel Display	●		
K00023	Orange Vest Set for 8.4" Janus Flat Panel Display	●		
K00059	Orange Vest Set for 8.4" Calypso Flat Panel Display	●		
P00011	6.4" VGA DLR FPD Zippered Pouch	●	●	●
P00012	8.4" SVGA DLR FPD Zippered Pouch	●	●	●
P00013	6.4" VGA DLR FPD "Flip-Down" Pouch	●	●	●
P00014	8.4" SVGA DLR FPD "Flip-Down" Pouch for Janus and 8.4" Analog	●	●	●
P00058	8.4" SVGA DLR FPD "Flip-Down" Pouch	●		
P00015	Green CPU Cover Pouch – for Vest or Belt	●		
P00016	Green CPU with Holster Pouch – for Vest or Belt	●		
P00038	Orange CPU Cover Pouch – for Vest or Belt	●		
P00046	Orange CPU with Holster Pouch – for Vest or Belt	●		
P00063	Black CPU Cover Pouch – for Vest or Belt	●		

Vests, jackets and belts have been custom-made for Xybernaut, allowing wearable technology to be conveniently integrated into your every day life. Whether it's a belt to help you access your touch-screen display at the work site, or a vest that subtly holds cables and CPU in place, Xybernaut has the accessories to make the most of wearable technology.

Vests are available separately or complete with cable sleeves and holsters for CPU (or cover pouch), battery, flat panel display and mini port replicator.

- ① Battery Pouch for nine cell Lithium Ion Battery
- ② Battery Pouch for nine cell Lithium Ion Battery
- ③ Zippered Pouch for 6.4" Flat Panel Display
- ④ Zippered Pouch for 6.4" Flat Panel Display





#### Carrying Cases

Part #	Description	MA V	MA TC	MA IV
CAS-00100	Hard-case		●	●
CAS-00400	Rucksack (backpack)		●	●

#### Other Wearable Accessories

Part #	Description	MA V	MA TC	MA IV
BWA-00200	Battery Holster		●	●
BWA-00201	CPU Holster		●	●
BWA-00205	Battery Pouch		●	●
P00037	Cable Sleeve	●	●	●
P00020	Belt Clip	●		
K00013	Calypso 8.4" Flat Panel Dust Cover and Grips	●		
P00014	Calypso 8.4" Flat Panel Grips	●		

#### Belts

Part #	Description	MA V	MA TC	MA IV
BWA-00103	Accessory Belt with battery pouch		●	●
BWA-00109	Accessory All-weather belt		●	●
P00008	Belt	●	●	●

⑤ Construction Foreman Accessing Blueprints using the MA V and Janus All Light Readable Flat Panel Display

⑥ Orange Vest Configuration featuring MA V and All Light Readable Flat Panel Display

⑦ Airplane Technician using MA V with Holster Option and Janus All Light Readable Flat Panel Display

⑧ 8.4" Janus Flat Panel Display

⑨ MA V CPU Cover Pouch Weather Resistant



# Additional Accessories

## Port Replicators

Part #	Description	MA V	MA TC	MA IV
PRF-00100	Full Port Replicator*			●
PRM-00100	Mini Port Replicator (FDD & Keyboard)			●
PRM-00200	Mini Port Replicator (Serial & Parallel)			●

\*Full Port Replicator includes serial port, parallel port, external 3.5 inch floppy drive, SVGA interface for external display, audio in/out, microphone, USB, PS/2 keyboard and PS/2 mouse [PRF-00100]

Xybernaut wearable computers are designed to be used with a host of accessories to best meet your needs and work environment. We offer everything from wrist worn keyboards to external floppy drives. Our Mobile Assistants are also compatible with hundreds of third party hardware accessories.

## Keyboard and Pointing Devices

Part #	Description	MA V	MA TC	MA IV
KBD-00100	Mini Keyboard - 11 inch, 2-hand, PS/2 full-function QWERTY keyboard		●	●
KBD-00200	PS/2 Wrist Worn Keyboard - 40-key, wrist-mounted QWERTY keyboard		●	●
K00007	USB Wrist Worn 40 Key Keyboard w/Glove - English Version	●	●	●
K00008	USB Wrist Worn 60 Key Keyboard w/Glove - English Version	●	●	●
K00061	USB Wrist Worn 60 Key Keyboard w/Glove - French Version	●	●	●
P00032	USB Wrist Worn 40 Key Keyboard Only - English Version	●	●	●
P00033	USB Wrist Worn 60 Key Keyboard Only - English Version	●	●	●
P00064	USB Wrist Worn 60 Key Keyboard Only - French Version	●	●	●
P00035	Wrist Worn Keyboard Glove	●	●	●
T00022	USB Finger Trackball Mouse with Scrolling	●	●	●
T00024	MiniPlugo USB Keyboard	●	●	●



- ① USB Wrist Worn 60 Key Keyboard with Glove
- ② MA V with Holster Configuration enabling Battery Hot-Swap

## Holster

Part #	Description	MA V	MA TC	MA IV
P00007	CPU Holster	●		

The MA V can easily be easily docked with a wearable holster, giving the user expanded capabilities and functionality. It also doubles as a desktop docking station.

## Manuals

Part #	Description	MA V	MA TC	MA IV
DOC-00100	MA IV User's Manual (English)			●
DOC-00101	MA IV Quick Start Foldout (English)			●
XY-GD400	MA V User's Manual (English)	●		
XY-GD450	MA V Quick Start Guide (English)	●		
XY-GD500	MA TC User's Manual (English)		●	

## Floppy Disk Drives and CD ROM's

Part #	Description	MA V	MA TC	MA IV
FDD-00100	External FDD			●
FDD-00101	External FDD Cable			●
FDD-00102	External FDD & Cable			●
T 00004	VST USB Floppy Drive	●	●	●
T 00005	Addonics USB Floppy Drive	●	●	●
T 00006	Addonics USB 32X CD-ROM	●	●	●
T 00034	Archos 24X MINI CDRW PC & USB Connection	●	●	●
T 00043	Fire-I Firewire Video Camera with Control and Display Software	●		
T 00044	4 Port Mini USB Hub	●	●	●

## Hard Disk Drive

Part #	Description	MA V	MA TC	MA IV
UPG-00203	12GB 2.5" Hard Drive		●	●
UPG-00205	20GB 2.5" Hard Drive		●	●
T 00001	VST 10GB FireWire Hard Drive	●		
T 00002	VST 20GB FireWire Hard Drive	●		
T 00003	VST 30GB FireWire Hard Drive	●		
T 00031	Toshiba 5GB PCMCIA Hard Drive	●	●	●
T 00032	IBM 1GB Microdrive	●	●	●

## Network Wireless Compact Flash Adapter - 802.11B

Part #	Description	MA V	MA TC	MA IV
T 00045	Compact Flash 802.11b Wireless Card	●		

The MA V can easily be easily docked with a wearable holster, giving the user expanded capabilities and functionality. It also doubles as a desktop docking station.

### Tech Specs

Easy-change, integrated secondary Lithium-Ion battery Hot-swappable battery supply  
Ports: PDP port, 1 USB, Type II PCMCIA, IEEE 1394, VGA connector

### Third-Party Accessories

- Pointing Devices - Wired, wireless and touch pointing devices
- Portable Hard Drives – FireWire & USB
- PCMCIA wireless cards
- Compact Flash memory cards
- Compact Flash card reader
- Microdrives
- Floppy Drives - USB
- Digital Cameras – FireWire & USB
- GPS
- CD-ROM – USB & PCMCIA
- DVD-ROM – USB & PCMCIA
- MINI CDRW PC - USB
- Digital PC headset with mic