

WELDON

6000 SERIES, INPUT/OUTPUT NODE

The Hercules™ node is capable of carrying up to 120 amps of load at high temperatures. This module has been the work horse of thousands of V-MUX systems in the field over the past several years. All of the Inputs and Outputs on this unit are configurable by the OEM.

- Sealed Deutsch enclosure and connectors
- Corrosion proof
- Compact size
- A & B communication ports
- LED status indicators
- Field re-programmable
- 16 Digital inputs
- 3 Analog inputs
- 24 Positive outputs
- 2 Ground outputs
- Control our (OU10-0715-00) VF display



Hercules™ Node Enhancements



6000-0000-04

- All inputs are bi-polar (Vbatt or Ground) and fully software selectable – no blocking diodes are required
- New power studs with molded flanges are designed to prevent rotation when terminals are over tightened, and to provide added protection against water intrusion
- 24 volt version is now available
- Increased voltage drop-out period; for enhanced operations in extreme environments.
- OffDelay/OnDelay - The feature allows the OEM to have a delay for any output, for the on or off transition.

ORDER NOS.	DESCRIPTION
6000-0000-03	V-MUX HERCULES NODE
6000-0000-04	V-MUX HERCULES NODE

6010 SERIES, INPUT / OUTPUT MINI NODE

The 6010 "mini" Node has four independently programmable switch inputs, one analog input and 12 seven and one-half amp output channels. In addition, it will report the voltage levels for voltmeter functionality.

- Sealed Deutsch enclosure and connectors
- Corrosion proof
- Compact size
- A & B communication ports
- LED status indicators
- Field re-programmable
- 4 Input channels
- 12 output channels
- Control our (OU10-0715-00) VF display

ORDER NOS.	DESCRIPTION
6010-0000-00	V-MUX MINI NODE



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6020 SERIES, INPUT NODE

The Input Node has 16 independently programmable switch inputs. Each input can be used for door interlocks, dash switches and switch-type sensors. This Input Node can interface with the VFD Display (OUI0-0615-00)

- Sealed Deutsch enclosure and connectors
- Corrosion proof
- Compact size
- A & B communication ports
- LED status indicators
- Field re-programmable
- 16 Input channels
- Control our (OUI0-0715-00) VF display



ORDER NOS.	DESCRIPTION
6020-0000-00	V-MUX INPUT MODULE, 16 INPUT

6111 & 6131 SERIES, FIELD SERVICE TOOLS

Includes Remote Diagnostics

The V-MUX® Diagnostics kit will aide you in troubleshooting your vehicle, downloading changes or programming a replacement node. The software will run on Windows 2000, XP and soon to be released Windows Vista. Software updates can be obtained on our website 24 hours a day 365 days a year. For assistance with remote diagnostics download the manual from the web site. WWW.V-MUX.COM

Kit includes:

- Carrying case
- One on one cable for 4x12 and 16x0
- One on one cable for Hercules
- Deustch wire removal tool, 14-16 gauge wire (blue)
- Deutsch wire removal tool, 18-20 gauge wire (red)
- Cable, RS232 9 pin serial pc to trans.
- Cable, RS485 trans. to V-MUX
- Cable, troubleshoot Hercules outputs, (red)
- Cable, troubleshoot mini node outputs (black)
- Downloader manual, PDF
- Diagnostics manual, PDF



ORDER NOS.	DESCRIPTION
6111-0000-00	V-MUX TRANSCEIVER, USB
6131-0000-00	V-MUX KIT, DIAGNOSTICS - USB W/DOWNLOADER

6400 SERIES, GATEWAY MODULE

DON'T CUT INTO THAT MULTIPLEXED CHASSIS!

Use our gateway to interface with that multiplexed chassis. The Gateway can report data from engines, transmissions or other devices that are using the CAN protocol.

LED status indicators

- Interface with proprietary electrical systems
- Read and report data from engines or other devices
- Compatible with J1939, RVCAN and other protocols
- Field re-programmable
- Peer-to-peer network
- Sealed Deutsch enclosure



ORDER NOS.	DESCRIPTION
6400-0000-00	V-MUX GATEWAY MODULE

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6500 SERIES, BACKUP CAMERA KITS

The Vista III can be programmed to automatically switch to the camera image when in the backup mode. The camera can also be used to monitor interior or exterior activity. Flush mount side-view is also available.

ORDER NOS.	DESCRIPTION
6500-0000-00	V-MUX CAMERA, REAR VIEW W/BRACKET, WHITE
6501-0000-00	V-MUX CAMERA, LEFT, WHITE
6502-0000-00	V-MUX CAMERA, RIGHT, WHITE
6503-0000-00	V-MUX CAMERA, LEFT, CHROME
6504-0000-00	V-MUX CAMERA, RIGHT, CHROME
6505-0000-00	V-MUX CAMERA, LEFT, PRIMER
6506-0000-00	V-MUX CAMERA, RIGHT, PRIMER



6310 SERIES, PODS (Programmable On Demand Switches)

Like the blue touch panels, PODS provides you with flexible legends! PODS are all self contained switch modules, requiring no I/O from another module. Program the controller and plug each individual unit into it. The light blue color of the rubber membrane, combined with the blue backlighting creates a Blue Touch look.

Example:

ORDER NOS.	DESCRIPTION
6310-0000-12	V-MUX PROGRAMMABLE SWITCH CONTROLLER, 12V - PODS
6310-0000-24	V-MUX PROGRAMMABLE SWITCH CONTROLLER, 24V - PODS
OQ20-1736-00	V-MUX LEGEND SHEET, 88 PER SHEET
6311-0300-00	3-KEY SMART SWITCH MODULE
6311-0400-00	4-KEY SMART SWITCH MODULE
OL40-2020-00	SMART SWITCH CABLE



60R80 SERIES, CURRENT SHUNT MODULE

Our encapsulated module is used to convert the signal from a current sensor into the V-MUX system. Data can be displayed, reported or used for automatic functions.

ORDER NOS.	DESCRIPTION
OR80-0615-00	V-MUX SHUNT INTERFACE MODULE



OR13 SERIES, TEMPERATURE SENSOR

This sensor is used to report interior or exterior temperature. This data can be displayed, reported or used for A/C, heat, ice warning or other automatic functions.

ORDER NOS.	DESCRIPTION
OR13-0614-00	V-MUX TEMPERATURE SENSOR



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6231 SERIES, VISTA III

This full color display offers many features and has a wide temperature operating range. Control all of your lighting and HVAC with just four wires; power, ground and communications. The display colors change to inform you of a status, you can literally tell if a device is on or off from more than ten feet away.

- Virtual switches
- Display inside and outside temperature
- Automatic climate control
- 100% Configurable (OEM Level)
- Field re-programmable
- Peer to peer network
- On-board diagnostics
- On-board service information large font sizes
- Colors change to indicate button status
- Video Ready for:
 - Backup camera
 - Thermal cameras
 - DVD
 - GPS



Vista III Enhancements

Sleep Mode

A new feature is the ability to send a command on the V-MUX network that puts a Vista III into "Sleep Mode". With this new ability, the Vista III can be programmed (by the OEM) to go to "sleep" based on a command on the network.

Automatic Screen Switching on Vista III

This allows the Vista III to automatically switch screens based on a defined relationship. To do this, the OEM can drag a relationship to the screen that you wish the Vista III to automatically switch to; as though it was an output.

USB direct download to Vista III

This will allow for a direct connection to the Vista III from a PC. However, only Vista III units shipped after June 1st, 2007 will be directly compatible. Existing field units will require a software upgrade – see www.weldoninc.com for details.

- No need for specialty tools (transceiver) to download the Vista III
- Three times faster downloads
- Use the USB cable from your printer or other peripheral device

Output naming detail on V-MUX diagnostics errors

Diagnostics errors on the Vista display will use more intuitive names, like left scene light; instead of just Node 1, Pin R - output 6. This feature will make it more intuitive to identify a potential issue.

ORDER NOS.	DESCRIPTION
6231-0000-00	V-MUX VISTA III INTERFACE MODULE/DISPLAY

GPS NAVIGATION UNIT



6550-0000-00 – GPS Navigation Unit

- WAAS enabled – allowing position accuracy of better than 3 meters 95% of the time
- Easy Installation – hideaway under seat or dash with included mounting hardware
- Announces streets by name to help keep your eyes on the road (with optional speaker or add your own)
- External antenna, wire harness, RF remote control included
- Preloaded maps – City Navigator® North American NT
- SD card slot available to load custom points of interest, additional map data, and future software updates
- Unit dimensions: 1.06"H x 4.75"W x 4.63"L
- Weight: 6 ounces
- Operating Voltage: 9.5V to 25 V; 0.12 Amp draw (max 1.0) at 13V



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