



PHOENIX/AX

Inertial/GPS Autopilot Engine

COMMERCIAL PRICE LIST

Effective: 03/01/2010

Phoenix/AX GPS/IMU Flight Controller Module

Phoenix/AX Flight Controller Module with GPS receiver, Inertial Sensors and Pressure Sensors.
 $\pm 150^\circ/\text{sec}$ Angular rate sensors and $\pm 2g$ accelerometer. 10bit Altimeter. Standard inertial sensor bandwidth 48Hz.

Phoenix/AX Flight Controller Module with $\pm 200^\circ/\text{sec}$ / $\pm 2g$ Inertial sensors	P/N: 23506-200-0020-AA	\$ 899.00
Phoenix/AX Flight Controller Module with $\pm 200^\circ/\text{sec}$ / $\pm 10g$ Inertial sensors	P/N: 23506-200-0100-AA	\$ 975.00
Phoenix/AX Flight Controller Module with $\pm 400^\circ/\text{sec}$ / $\pm 2g$ Inertial sensors (Custom)	P/N: 23506-400-0020-AA†	
Phoenix/AX Flight Controller Module with $\pm 400^\circ/\text{sec}$ / $\pm 10g$ Inertial sensors	P/N: 23506-400-0100-AA	\$ 1150.00

Custom scaling available ($\pm 45, 60, 90$ & $120^\circ/\text{s}$ & $3-8g$) also available - contact factory)

M-Core Development Software

Metrowerks™ Codewarrior™ IDE for M-Core™ (v2.0)	P/N: 985-0206A	\$ 5500.00
Microcross GNU X-Tools for M-Core™	P/N: 985-0304A	\$ 750.00
Microcross GNU Visual X-Tools for M-Core	P/N: 985-0312A	\$ 1500.00

M-Core BDM/JTAG Programming Devices & Cables

M-Core Flash Programming Kit (Incl. PE Micro OnCE Adapter, Cables & Flash Editing Software)	P/N: 970-0100A	\$ 320.00
Abatron BDI-1000 BDM/JTAG Debug Interface (w/JST Prog. Cable – M-Core)	P/N: 980-1100A	POR
Abatron BDI-2000 BDM/JTAG Debug Interface (w/JST Prog. Cable – M-Core)	P/N: 980-2100A	POR
PE Micro CABLE-MCJ Programming Cable (w/JST Cable – M-Core)	P/N: 980-0102A	\$ 199.00
PE Micro PROG-MC Flash Programming Software – M-Core	P/N: 985-0204A	\$ 169.00
Programming Cable Converter (JST) (Replacement – M-Core)	P/N: 305-0914A	\$ 95.00

Radio Modem / Base Station / Serial Converters

Radio Modem, 2.4GHz Base Station Kit (Serial RS-232) <i>Includes: Enclosed transceiver, PC serial cable, AC Power Supply and Dipole Antenna (I – Temp)</i>	P/N: 970-2405A	\$ 460.00
Radio Modem, 2.4GHz Mobile Kit (Mobile side) <i>Includes: Transceiver module, telemetry cable, mounting screws and Dipole Antenna (I – Temp)</i>	P/N: 970-2406A	\$ 325.00
Radio Modem, 2.4GHz Transceiver Module Only	P/N: 970-2408A	\$ 225.00
Antenna, 2.4GHz Dipole SMA	P/N: 425-2400A	\$ 45.00
Radio Modem, 900MHz Base Station Kit (Serial RS-232) <i>Includes: Enclosed transceiver, PC serial cable, AC Power Supply and Dipole Antenna</i>	P/N: 970-0905A	\$ 350.00
Radio Modem, 900MHz Mobile Kit (Mobile side) <i>Includes: Transceiver module, telemetry cable, mounting screws and Dipole Antenna</i>	P/N: 970-0906A	\$ 255.00
Radio Modem, 900MHz Transceiver Module Only	P/N: 970-0908A	\$ 175.00
Antenna, 900MHz Dipole SMA	P/N: 425-0900A	\$ 40.00
Telemetry RF Transition Cable (MMCX – SMA)	P/N: 315-0604A	\$ 35.00
Telemetry RF Extension Cable 24" (SMA)	P/N: 315-2404A	\$ 55.00
Telemetry RF Extension Cable 36" (SMA)	P/N: 315-3604A	\$ 60.00
PC Interface Kit - RS-232 Converter (for direct PC serial connection)	P/N: 975-0300A	\$ 120.00

GPS Antenna & RF Cables

Antenna, GPS Active Patch (Bare Module)	P/N: 425-0305A	\$ 34.00
Antenna, GPS Active Patch (Enclosed, Magnetic Mount) w/15Ft Coax)	P/N: 425-0415A	\$ 54.00
GPS RF Transition Cable (Hirose - MCX)	P/N: 315-0602A	\$ 12.00
GPS RF Extension Cable 24" (MCX)	P/N: 315-2402A	\$ 55.00
GPS RF Extension Cable 36" (MCX)	P/N: 315-3602A	\$ 55.00

Power Supply & Cable Sets

AC Power Kit (Incl: 12V Power Supply & Cables for Phoenix/AX only)	P/N: 970-1201A	\$ 65.00
AC Power Supply 12V - 0.800mA (100-220V 50-60Hz - US Plug)	P/N: 310-1201D	\$ 45.00
Power Cable (4 Flying Leads)	P/N: 305-0406A	\$ 7.00
Power Cable (Micro-Fit Power Connector – 12V)	P/N: 305-0445A	\$ 21.00
Power Cable (Hard Wire Power Option – 12V)	P/N: 305-0218A	\$ 5.00
Cable, Servo, Dual Channel – Futaba Connector [6"]	P/N: 305-0636A	\$ 24.00
Cable, Telemetry Data (For Radio Modem I/O) [6"]	P/N: 305-0620A	\$ 19.00
Cable, Serial Data (EIA Converter) [6"]	P/N: 305-0626A	\$ 19.00
Cable, PC Serial, 9 Pin Sub-D (EIA Converter) [6"]	P/N: 305-0316A	\$ 24.00
Cable, 6 Pin (Flying Lead) [6"] (Use for Serial or Servo)	P/N: 305-0606A	\$ 10.00



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Enclosure & Mounting Hardware

- Aluminum Enclosure (Connector & Static Pressure Port)
- Stand-Off Mounting Kit [4-40] (with 4 Stand-off & 8 Screws)
- Stainless Button Hex Screws (4-40 X 0.1875)
- Aluminum Stand-Off, Round (4-40 X 0.500 X 0.1875)

P/N: 600-0102A	\$ 280.00
P/N: 605-0408A	\$ 10.00
P/N: 610-4187A	\$ 1.00 (EA)
P/N: 615-4500A	\$ 1.00 (EA)

Pressure Sensor Tubing

- Pitot Tube Kit (for dynamic pressure sensor) (Aluminum Tube & Tygon™ Tubing)
- Aluminum Tube, Replacement (12")
- Poly Urethane Tubing, Bulk (10FT)

P/N: 675-8102A	\$ 17.00
P/N: 675-8104A	\$ 5.00
P/N: 675-8105A	\$ 11.00

ALL SALES SUBJECT TO O-NAVI TERMS AND CONDITIONS OF SALE.

Prices in U.S. Dollars. Pricing effective as of date above.

All items EXW, San Diego, California, U.S.A..

Information contained herein is subject to change without notice.

International purchasers, please contact us for [INTERNATIONAL ORDER FORM](#).

† = Non-Stock – Built to order. Additional charges may apply, please contact us for inventory and pricing.

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