

MACH

PILOT



<https://mach.io/solutions/>

The Mach Pilot delivers the ultimate mobile command and control interface, placing total remote control authority in your hands. Engineered for harsh environments, its rugged design and long-life, hot-swappable batteries ensure uninterrupted visibility and control. This handheld solution features a fully customizable layout to control multiple applications or machines. Multi-machine capability allows seamless toggling between assets and simultaneous E-Stop across the mesh network for unparalleled safety and site-wide control. A tablet-based graphical user interface provides flexibility to design specifically for your brand and machines.

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APPLICATIONS

Vehicle and
implement control



Emergency stop

Manual
override



Field testing
& calibration



CONFIGURABLE

Two-axis joysticks with
USB-c charging



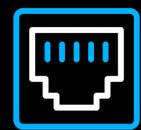
RUGGED DESIGN

IP67 sealed enclosure



REGGED DESIGN

Designed to meet MIL-
STD-810 durability standards



CONNECTIVITY

Mesh network wireless link
to Nexus gateway

KEY FEATURES

- ✓ Works with Samsung Tab Active5
- ✓ Embedded Linux OS
- ✓ Sub GHz wireless link to vehicle Nexus
- ✓ Multi machine control
- ✓ Haptic vibration feedback
- ✓ Drop tested with bumper guards
- ✓ E-Stop switch for operator safety
- ✓ Option for customizable button plates

RUGGED DESIGN

- ✓ Sealed to IP67
- ✓ Designed to meet MIL-STD-810 durability standards
- ✓ Drop-tested to survive field handling
- ✓ Protective bumpers shield joysticks and switches
- ✓ IMU for drop detection safety

CONNECTIVITY & POWER

- ✓ Wireless: Mesh network wireless link to Nexus gateway
- ✓ Wired: USB-C for power/charging
- ✓ Power: Dual hot-swappable Li-ion batteries

CONFIGURABLE CONTROLS

- ✓ Left and right two-axis joysticks
- ✓ Left and right 5-button switches
- ✓ Right-side scroll wheel
- ✓ Left and right front single-axis joystick

