

GLACIER COMPUTER KODIAK QUICK REFERENCE GUIDE



KODIAK SUPPORT

Glacier On-Line

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Request an RMA

<https://www.glaciercomputer.com/rma/>

KODIAK VIEWS

KODIAK VIEWS



SIDE VIEW



FRONT VIEW



REAR VIEW AND VESA
MOUNT PATTERN

LED INDICATORS



Power



Drive Activity



Battery Status

BATTERY STATUS LED

Solid Green

Fully Charged

Blinking Green

Charging

Blinking Red

Discharging



KODIAK I/O



Ethernet



HDMI

(2) USB 3.0



Serial Port

Power Conn.



(2) USB 2.0

KODIAK POWER

OPTIONAL AC BRICK



OPTIONAL DC POWER CABLE



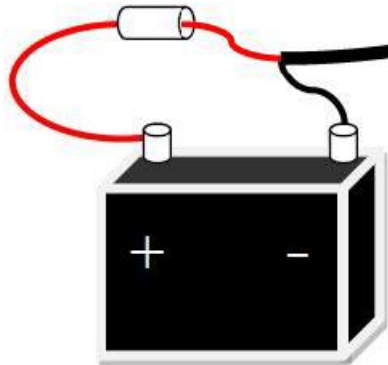
KODIAK DC POWER CONNECTION

DO NOT OPERATE THE VEHICLE WITHOUT FIRST
SECURING THE POWER CABLE



Check the 10 Amp fuse; the fuse holder should be attached to the red wire

Run your cable, securing it within the vehicle - away from moving parts



Check your wiring configuration
Red to +VDC
Black to -VDC

1. The Computer is powered down.
2. Check the condition of the cable before running it.
3. Confirm there is a good 10-amp fuse in the fuse holder.
4. Connected the power cable to the Mounted Computer.
5. Run the cable ensuring it is kept away from moving parts or intense heat.
6. Connect the RED lead to the positive terminal of the battery.
7. Connect the BLACK lead to the negative terminal of the battery.
8. *If you are not using screen blanking skip to number 11*
9. *The Screen blanking DC cable (PN 5-01-30036) includes a third black 20 ga. wire.*
10. *Connect that wire to the accelerator relay. (input 5 – 50V DC)*
11. Test the system by turning on the power and booting the computer
12. Power down the computer, and then secure the cable.

The Screen blanking version of this cable will have a third black 20 ga. wire you connect to the accelerator relay. (input 5 – 50V DC)

KODIAK SYSTEM SPECIFICATIONS

PROCESSOR: Intel Atom Bay Trail-I Processor,
E3826 1.5GHz Dual Core

MEMORY: 4 GB DDR3 or 8 GB DDR3, BOTH 1066MHz

STORAGE: 256 GB SSD

TOUCHSCREEN: PCAP supports gloved operation,
Light transmission 90%, Hardness 7H

LED DISPLAY: 10.4 inch, 350 NIT.
also 12.1 inch, 500 NIT, Optional Both with 1024x768,
1000:1 contrast ratio, Viewing Angle 178°/178°.

WIFI / BLUETOOTH: 802.11ac,dual band, Wi-Fi + Bluetooth
4.2 Adaptor

POWER INPUT: Integrated PS for 12V to 48V lifts

ANTENNAS: Two external 1.5 inch antennas

I/O PORTS (ALL ON BACK OF UNIT)

USB: 2 x USB 2.0, Type A IP65 connector, sealed with isolation,
2 x USB 3.0

SERIAL: 1 x RS-232, IP65 connector, +5V on pin 9

LAN: 1 x GbE, RJ45

VIDEO OUTPUT: 1 x HDMI port

POWER: 1 IP65 connector

BACKUP BATTERY: Minimum 20 minutes idle time

FUNCTION BUTTONS: Standard F1, F2, F3,

OPERATING SYSTEM: WINDOWS 10 Pro, WIN 10 IOT
ENTERPRISE, Linux

SPEAKER: 90 db rear facing, waterproof

SCREEN BLANKING SUPPORTED

LIGHT INDICATORS FRONT SIDE: System Power, HDD activity,
Battery Status

OPERATING TEMPERATURE: -22°F to 130°F without battery

HUMIDITY: 5% to 90% RH, non-condensing

CERTIFICATIONS: Compliant with CE/FCC Part 15 class B,
Compliant with MIL-STD-810F shock and vibration, RoHS compliant,
100 hr salt spray

VIBRATION: Operating 5 Grms, 5-500Hz, 3 axes with SSD

SHOCK: Operating 50G, half sine 11ms duration with SSD

CONSTRUCTION: Die-Cast aluminum

IP RATING: IP65

MOUNTING: VESA 100mm and 75mm

DIMENSIONS: 10.4" unit =10.75 x 10.25 x 3.0 inches
12.1" unit = 12.375 x 11.25 x 3.0

WEIGHT: 8.35 lbs / 3.7875 kilograms

WARRANTY: 12 months