

# Owner's Manual

## Havis Bluetooth Wireless Illuminating Rugged Keyboard

KB-103



KB-103\_OMN\_05-20

[www.havis.com](http://www.havis.com)

**HAVIS**

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## Before Beginning

Havis is pleased to provide this Owner's Manual to aid in the proper installation and use of the KB-103 Bluetooth Wireless Illuminating Rugged Keyboard.

For questions regarding the set-up of your KB-103 Bluetooth Wireless Illuminating Rugged Keyboard, please contact Havis at 1-800-524-9900 or visit [www.havis.com](http://www.havis.com) for additional product support and information.

This Owner's Manual applies to the following Part Numbers:

KB-103

### **WARNING**

- NEVER STOW OR MOUNT THE RUGGED KEYBOARD DIRECTLY IN A VEHICLE AIRBAG DEPLOYMENT ZONE.
- DO NOT USE RUGGED KEYBOARD WHILE DRIVING.

### **CAUTION**

- READ ALL INSTRUCTIONS THOROUGHLY BEFORE BEGINNING INSTALLATION.

# Specifications

Working Voltage	5V DC @ 500 mA MAX
Dimensions	12.00" (30.48 cm) H x 7.75" (19.68 cm) W x 0.89" (2.28 cm) D
Weight	1.56 lbs. (0.71 kg)
Operating Environment	0° C to 60° C (32° F to 140° F)
Storage Environment	-40° C to 65° C (-40° F to 149° F)
Bluetooth Version	4.0

## Precautions

- Do not place metal objects on top of the Rugged Keyboard
- Do not leave the Rugged Keyboard in a high temperature environment (greater than 65°C, 149°F) for a long period of time

## Compatibility

- Android
- Windows® 7\*, 8, 10
  - \* Not all Systems running Windows® 7 are compatible with Bluetooth connection, but should be compatible with hardwired USB connection.
- Communication Interface USB 2.0

# Parts Included

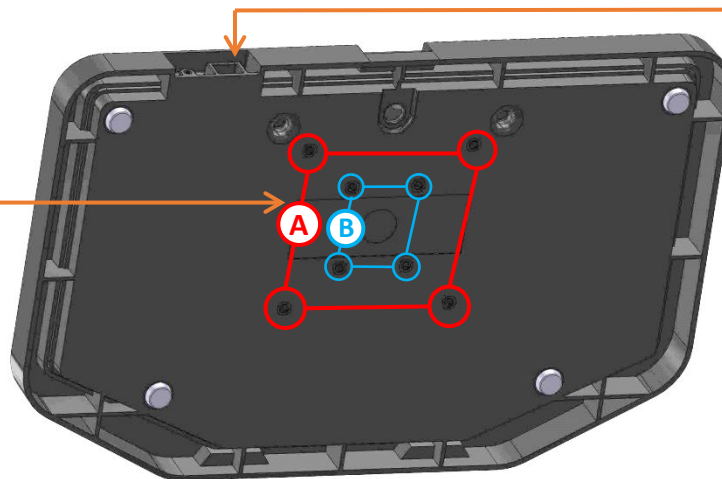
## Rugged Keyboard



Mouse Pad

Mounting recesses for optional  
Havis Keyboard Mount  
(Part # C-KBM-201)

MicroUSB Charging Port



Mounting Holes  
(Bottom of Keyboard)  
**A – VESA 75**  
**B – AMPS**

## Power Cable and Hardware



Micro USB to USB A Cable  
(DS-DA-324)



M4 x 0.7mm Screws (x5)



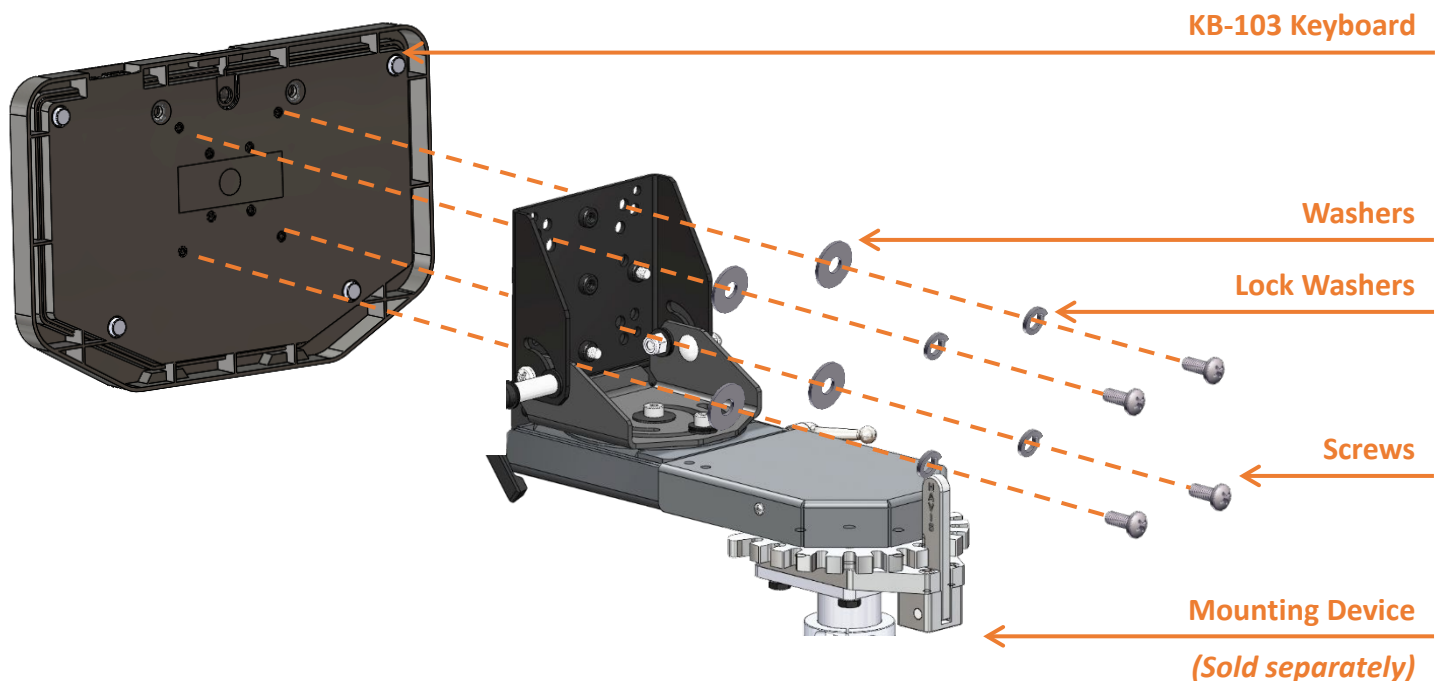
Washers, M4 (x5)



Lock Washers, M4 (x5)












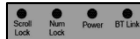
# Installation and Operation

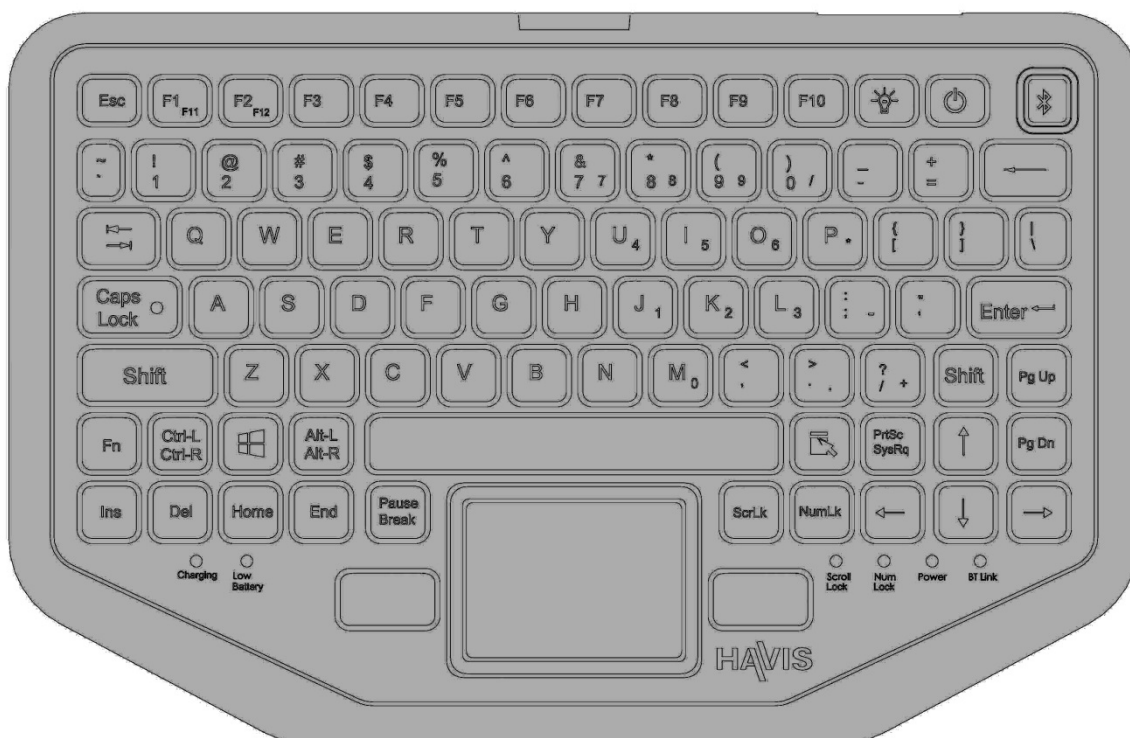
- 1) Remove Rugged Keyboard from the packaging. Havis recommends using our Keyboard Mount (Part # C-KBM-201 – sold separately). These two products are designed to interlock together and give the user docking, adjustment, and quick release abilities. However, the Rugged Keyboard can be mounted to any appropriate surface that has VESA 75 or AMPS mounting hole pattern.
- 2) If not using the Havis Keyboard Mount, determine if your mounting location is equipped with VESA 75 or AMPS mounting hole pattern. Install the Rugged Keyboard to your mounting device using the supplied hardware. *Torque screws to 20 in-lbs (2.3Nm) ± 10%*



- 3) Insert the USB connector into a compatible USB port on the computer or docking station in your vehicle.
- 4) Turn the computer on. Computer will detect and install drivers once the keyboard initiates. Drivers are standard plug and play.

## Installation and Operation *(continued)*

- 5) To Power ON, press and hold the Power Button for three (3) seconds.   
Caps/Scroll/Num Lock will flash twice and Power Indicator will illuminate.    
- 6) To Power OFF, press and hold the Power Button for three (3) seconds. 
- 7) To Pair Bluetooth, power the keyboard on then press and hold the Bluetooth Button until BT Link Indicators begin to flash rapidly. Keyboard is now in search mode. BT Link will become solid once a connection is made and will disappear after 30 seconds. NOTE: A slow flashing BT Link indicates the keyboard is attempting to repair the last Bluetooth connected host computer.  
- 8) To switch from Bluetooth to USB, when the Power Cable is connected the Keyboard will automatically switch to USB mode. The Charge indicator will illuminate while the Keyboard is plugged in and charging. 
- 9) To switch from USB to Bluetooth, once the Power Cable is removed the Keyboard will attempt to re-pair to the last Bluetooth connected host computer. NOTE: Plugging the Keyboard in via USB will not establish a Bluetooth connection. The Bluetooth menu on the host computer must be used to establish a Bluetooth connection.
- 10) To enable or disable the 10-key number pad, press "NumLk" key 
- 11) To enter or exit "Clean Mode" press Fn+C. The Scroll Lock indicator will flash to indicate this mode is active. While in clean mode the Keyboard functions are disabled allowing the user to physically clean the Keyboard. To clean, use a soft cloth and a non-corrosive cleaning solvent. Do not use a stiff brush and no intense scrubbing.  



## Related Products

Havis offers a wide variety of accessory products specifically for use with your Bluetooth Wireless Illuminating Rugged Keyboard.

For more information or to order, please visit [www.havis.com](http://www.havis.com).



### **C-KBM-201** **Keyboard Mount**

Quickly dock and undock your Havis Bluetooth Wireless Illuminating Rugged Keyboard with this equally rugged mount. No tools or hardware required.



### **DS-DA-324** **Replacement Power Cable**

Replacement Power Cable for your KB-103 Rugged Keyboard. Micro USB to USB A connections.

