

Owner's Manual Havis Rugged USB Keyboard

KB-108



Before Beginning

Havis is pleased to provide this Owner's Manual to aid in the proper installation and use of the KB-108 Rugged USB Backlit Keyboard.

For questions regarding the set-up of your KB-108 Rugged USB Keyboard, please contact Havis at 1-800-524-9900 or visit www.havis.com for additional product support and information.

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.

NOTICE

- RECOMMENDED TO SET THE CONNECTED COMPUTER'S POWER OPTIONS TO "NEVER" SLEEP.
- RECOMMENDED TO SET THE CONNECTED COMPUTER'S BIOS TO "ENABLE USB WAKE SUPPORT".
 - Push 'F2' key during the computer's boot sequence
 - Select *SETTINGS*
 - Select *POWER MANAGEMENT*
 - Select *USB WAKE SUPPORT*
 - Check the box for *ENABLE USB WAKE SUPPORT*
 - Left Click: *APPLY*
 - Left Click: *EXIT*

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Precautions

- Do not place metal objects or containers of liquid on top of the Rugged Keyboard
- Do not leave the Rugged Keyboard in a high temperature environment (greater than 90°C, 194°F) for a long period of time

Specifications

Working Voltage	Standard USB (+5V DC \pm 10%)
Dimensions	7.75" (19.7 cm) W x 12.00" (30.5 cm) D x 0.90" (2.3 cm) H
Weight	1.4 lbs. (0.6 kg)
Operating Environment	-40° C to 70° C (-40° F to 158° F) – 100% Humidity
Storage Environment	-40° C to 90° C (-40° F to 194° F) – 100% Humidity

Compatibility

- MAC OS, WINDOWS OS, ANDROID OS
- COMMUNICATION INTERFACE: USB 1.1 OR 2.0

Parts Included

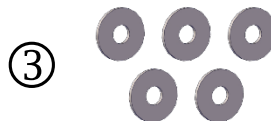
Hardware Kit (HWK-0049)

This Hardware Kit includes:

1. M4 x 0.7 x 10mm long Pan Head Screws (5)
2. Split Lock Washers (5)
3. Washers, M4 (5)

Tools required for installation:

- #2 Phillips (For M4 Pan Head Screws)



Parts Included

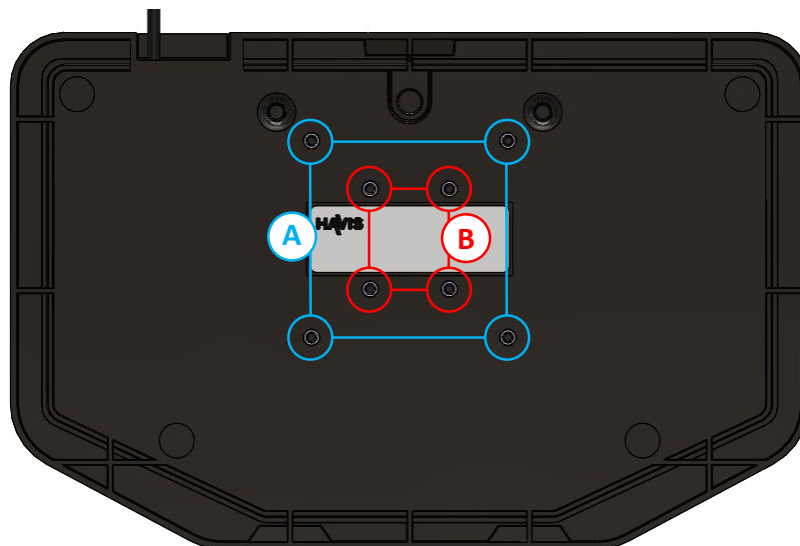
Rugged Keyboard (86 Keys – US layout)



Mounting Holes (bottom of Keyboard)

A VESA 75 mounting pattern

B AMPS mounting pattern



Installation

- 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 pattern. Install the Rugged Keyboard to your mounting device using (4) M4 x 0.7mm screws (Hardware Kit Item 1). NOTE: Length of screw is dependent upon your specific mounting application. 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.

Operation



Backlight:

- Backlight Adjustment Button:
Cycles keyboard illumination intensity levels between OFF and maximum brightness



Volume:

- 'Fn' + 'F8':
Mute sound
- 'Fn' + ('F9' or 'F10'):
Adjusts the volume level



Emergency:

- 'SHIFT + F1':
Sends to the connected computer

Cleaning

The Havis Rugged Keyboard can be cleaned with a soft cloth and a non-corrosive cleaning solvent.

NOTICE

- USE A SOFT CLOTH OR SPONGE TO CLEAN.
- DO NOT USE A STIFF BRUSH. NO INTENSE SCRUBBING.
- DO NOT USE CORROSIVE CLEANING SOLVENTS.

Related Products

Havis offers a wide variety of accessory products specifically for use with our Rugged USB Keyboards. For more information or to order, please visit www.havis.com.



C-KBM-201 **Keyboard Mount**

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



C-MD-204 **Low Profile Tilt Swivel Motion Device**

Easy-adjust and quick-release handle locks down the desired position and allows for easier operation of your equipment.



CM006331 **Steel "L" Bracket with Heavy-Duty Articulation**

Mounts independently to the side of your console for simple positioning of your equipment.



MH-3001 **Universal Forklift Keyboard Mount**

No drilling universal mount clamps securely underneath forklift seat rail.