

**ADA compliant,  
tactile keypad  
for audible  
system  
navigation**

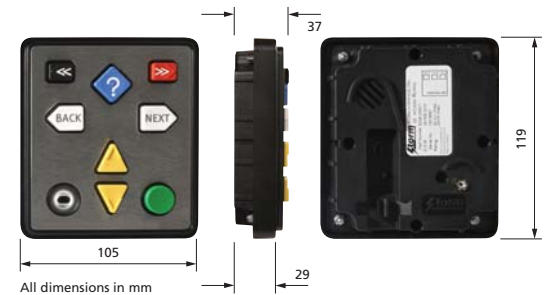


**Storm Assistive Technology Products provide improved accessibility for those with impaired vision, restricted mobility or limited fine motor skills.**

Kiosks, ATMs, ticketing machines and voting terminals usually present information about available products and services via a visual display or touch screen. Nav-Pad™ is a highly tactile interface that improves accessibility, making audio navigation and selection of screen based menus possible. An audio description of available menu options is transmitted to the user through a headset, handset or cochlea implant. When the desired menu page or menu option is located it can be selected by the press of a distinctive tactile button. Successful implementation of the Nav-Pad™ requires a compliant host application featuring synthesized or recorded human voice audio-tags.

Nav-Pad™ was developed in association with the Trace Research & Development Center with support from the University of Wisconsin. Nav-Pad™ is a compliant tactile interface device for use as part of an ADA audible menu navigation system or EZ-Access® implementation.

- Available in standard 5 key, 6 key and 8 key configurations to suit most applications.
- Weather resistant.
- Keytop colours, shapes and tactile symbols make them readily identifiable by both sight and touch.
- Codes transmitted by key presses can be set/customised via configuration utility software (for Windows PC).
- Key press confirmation beep can be enabled/disabled and duration set via configuration utility software (for Windows PC).
- Brightness of the audio jack socket illumination can be set via configuration utility software (for Windows PC).
- APIs and Utility Software for Nav-Pad™ configuration and test can be downloaded from [storm-interface.com](http://storm-interface.com)



Storm, Storm ATP, Storm Interface, Nav-Pad and Audio-Module are trademarks of Keymat Technology Ltd. All rights reserved. EZ Access® is a trademark of the Wisconsin Alumni Research Foundation.



### Environmental

Vibration & Shock:  
Impact Resistance:  
Operational temperature:  
Weather Resistance:

ETSI 6M3  
IK09 (10J Rating)  
-20°C to +70°C (dry)  
IP65 (when panel mounted)

### Performance

Operational Key Life:  
Certification:

>4 million cycles per key  
CE / FCC / UL

### Specification

Rating:  
Connection:  
Audio:  
Ground:  
Panel Cutout

5V +\_0.25V (USB 2.0)  
Mini USB B Socket  
3.5mm Audio Jack Socket (Illuminated)  
100mm Earth Wire with M3 Ring Terminal  
109.5mm x 95.5mm  
5mm Radius Corners  
1.2 – 2mm panel thickness (recommended)  
Included

Underpanel Seal



## Nav-Pad™ Keypads

with audio processor and illuminated audio jack socket



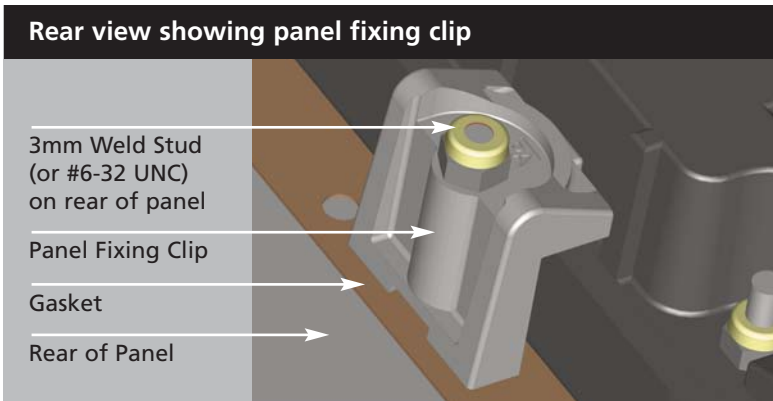
**8 Keys with integral USB interface**



**6 Keys with integral USB interface**



**5 Keys with integral USB interface**



Storm Nav-Pad™ keypads are constructed to survive in exposed or hostile outdoor environments the keypads will withstand heavy use and abuse. They are sealed against the ingress of liquids and dust to survive regular wash down and sanitation procedures. Nav-Pad™ keypads feature an integral USB interface to ensure hassle free, single cable connection to the host system. (Please note: The USB cable is supplied separately).

The keypads include an advanced audio processor and illuminated 3.5mm audio jack socket. This to facilitate connection of a headset or handset. These fully integrated audio equipped keypads enumerate as a combination Advanced Audio and HID Keyboard device, eliminating any requirement for specialised interface software.



Nav-Pad™ Keypad Range	Part Numbers
8 Key format, USB Interface, Audio Equipped	EZ08-23001
6 Key format, USB Interface, Audio Equipped	EZ06-23001
5 Key format, USB Interface, Audio Equipped	EZ05-23001

Accessories	Part Numbers
• USB Cable fitted with 90° angled Mini-B male connector (to keypad) and USB-A male connector (to host system)	4500-01
• Set of Fixing Clips	6000-MK00

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.



For more information & to order:  
[www.storm-interface.com](http://www.storm-interface.com)

Storm Interface products include technology protected by international patents and design registration. All rights reserved. Storm is a trademark of Keymat Technology Ltd. Storm Interface is a trading name of Keymat Technology Ltd.

Nav-Pad Dec 2016  
Designed & produced by NIK Design Ltd  
[www.nikdesign.co.uk](http://www.nikdesign.co.uk)



FM 39602

