

ADA compliant, tactile keypad for audible system navigation

Storm Assistive Technology Products provide improved accessibility for those with impaired vision, restricted mobility or limited dexterity.



Self-service terminals usually present information about available products or services via an electronic display or touch screen. Presentation of information in this exclusively visual format discriminates against those who are unable to see, read or interact with a touch screen.

NavBar SF™ is a highly tactile interface that makes audible navigation and selection of screen based content possible. NavBar SF is designed for use with the Storm AudioComm Module (supplied separately) which enables audible content to be communicated to the user through a personal headset or cochlea implant. Audible content can be navigated and selections made by pressing the NavBar SF's distinctively shaped tactile keys.

The specific keypad detailed in this document is a smaller footprint (SF) version of other keypads included in the wider NavBar range. NavBar SF is easier for those with limited dexterity to operate and presents an aesthetically less obtrusive installation. NavBar SF is designed for under-panel installation.

Successful implementation of the NavBar SF™ requires compliant customer interface software featuring synthesized or recorded audible voice content.

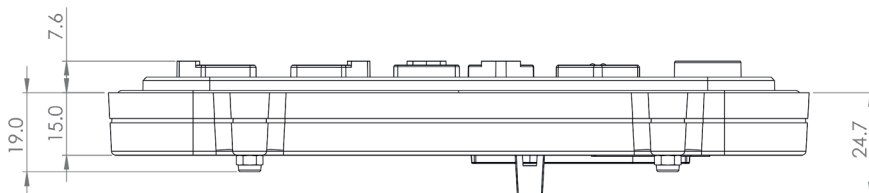
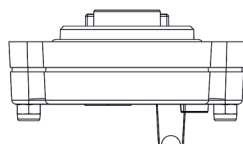
NavBar SF™ is an RNIB accredited "Tried and Tested" tactile interface device, for use as part of an ADA compliant audible content navigation system.



RNIB
Tried and Tested

- Space efficient horizontal format for use with contemporary touch-screen kiosks.
- Audible references to a key's position and function are easier to understand. For example: 'The circular shaped 'select' key is on the right'.
- Distinctive keytop shapes and tactile symbols help to identify each key's specific function.
- Colour coded keys make identification of key function easier for those with partial vision.
- NavBar SF™ features integral LED keytop illumination.
- The intensity of keytop illumination can be adjusted or turned off when not in use.
- Illuminated keytops are lit by a dedicated LED light source. Each LED is independently controllable.
- The NavBar™ utility software, allows the default illumination status and device 'wake-up' behaviour to be configured. USB key-press codes and default sound volume settings can also be changed.
- NavBar SF™ is connected to the host system via a single USB cable (cable supplied separately).
- The optional AudioComms Module features accessible sound volume controls and an illuminated jack plug socket for headset connection. (AudioComms module is supplied separately).
- The AudioComms Module is connected to the host system via its own USB cable and can be positioned separately from the NavBar SF™ to optimize system ergonomics and accessibility.

NavBar SF™ Dimensional Details



Environmental

Vibration & Shock:	ETSI 5M3
Impact Resistance:	IK09 (10J Rating) (when correctly installed to a panel)
Sealing:	IP65 (when correctly installed to a panel)
Operational temperature:	-20°C to +70°C (dry)
Weather Resistance:	IP65 (when panel mounted)

Performance

Operational Key Life:	>4 million cycles per key
Certification:	CE / FCC / UL

Specification

Rating:	5V +/- 0.25V (USB 2.0)
Connection:	Mini USB B Socket
USB Cable	Not included

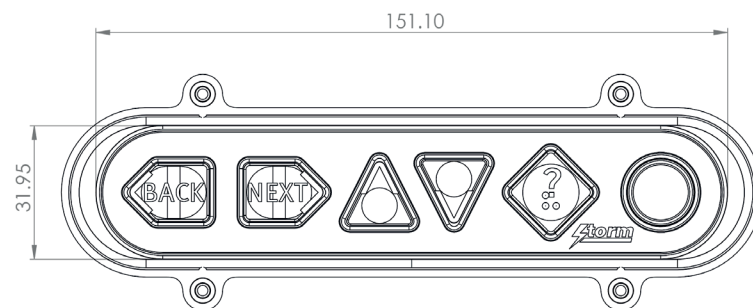
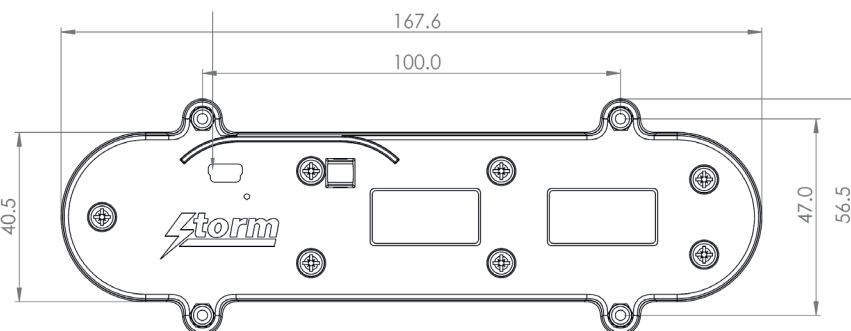
Part Numbers

NavBar SF, Silver, Illuminated Keys, Under-Panel Mount	EZBM-42002
NavBar SF, Black, Illuminated Keys, Under-Panel Mount	EZBM-52002

Accessories

USB 2.0 Cable, 90cm long, angled mini-B male connector to Type A male connector	4500-01
AudioComm Module, Silver, Vertical, USB	AT02-43001
AudioComm Module, Silver, Horizontal, USB	AT02-430H1
AudioComm Module, Black, Vertical, USB	AT02-53001
AudioComm Module, Black, Horizontal, USB	AT02-530H1

Mini-B USB socket



Fix with M3 x 20mm or equivalent studs x 4 locations (underpanel)

All dimensions are in mm

For more information & to order: www.storm-interface.com

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



NavBar SF™ Apr 2022

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.