



- MIL-STD 461F
- Full travel backlit keys
- IP65 sealing

## MILSPEC RUGGED KEYBOARD

The MKB104 serie of rugged keyboards is designed to meet MIL-STD-461F standards and will provide the user a highly reliable input device for various critical applications. The keyboard is equipped with a high spec rubber dome key mechanism which ensures an excellent tactile feel and a life time of 10 million actuations. On the standard units, backlighting is powered over USB, but we can also offer the option for the backlighting to be externally controlled by the customers' PWM signal. As with all NSI products, this unit can be customized to suit your exact needs. This not only includes the integration of different color or NVIS backlighting, but can also include adding or removing keys, different mounting arrangements or integration of a pointing device.

### MAIN FEATURES

- Designed to meet MIL-STD-461F
- Backlit waterproof full travel switches with excellent tactile feedback
- Panel mount and enclosed version available
- Aluminium machined enclosure, Surtec 650 coating
- IP65 sealed
- Customization possible

### GENERAL TECHNICAL SPECIFICATIONS

- Sealing : IP65
- Output : USB via Amphenol connector, type 62GB-12E10-07PN
- Keys :  
104 full travel switches, tactile feel switches, convenient and positive operation, laser engraved keytops
- Operating temperature :  
High temperature 65°C, 2 hours according to MIL-STD-810G, method 501.5  
Low temperature -40°C, 2 h OFF + power ON and 30 min.  
Operation according to MIL-STD-810G, Method 502.5
- Storage temperature :  
High temperature 85°C, 4 hours according to MIL-STD-810G, method 501.5  
Low temperature -40°C, 72 hours, according to MIL-STD-810G, Method 502.5

### BACKLIGHTING

- The default backlighting system is powered by the USB port.
- The backlight intensity can be controlled by using the "Fn" key + the UP arrow keys

### ORDER INFO

PANEL MOUNT	DESKTOP
<b>MKB104N0001USB</b>	<b>MKB104S0001USB</b>

DIMENSIONAL DRAWING  
Panel mount version



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