

Pyxis

KBDEM - REMPB



The Pyxis KBDEM is a convenient means of replacing a standard keyboard with robust industrial push buttons or using the Pyxis REMPB, remote pushbuttons

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- Up to 16 Push Buttons
 - Industrial Connections
 - Makes test system design easier
 - Low cost
 - USB interface
 - Plug & Play with MS Windows

The **Pyxis KBDEM** is plugged into a PC USB port and provides emulation for a standard keyboard. Up to 16 external push buttons can be utilised, wired in a 4x4 matrix.

The module scans a matrix of attached push buttons and sends the associated key for the button pressed.

The Pyxis KBDEM is a USB powered device and takes its power by the PC.

There are no specific requirements or drivers required to use the Pyxis KBDEM as the module emulates a PC keyboard (HID) generating standard PC keyboard codes.

Key codes are sent to the PC on button press and button release. The Pyxis KBDEM does not support key repeats.

Systems fitted with the Pyxis KBDEM can still use a keyboard if required.



The **Pyxis REMPB** provides a wireless pushbutton input to the Pyxis KBDEM module and is designed to work in conjunction with the Pyxis KBDEM in an industrial type application.

The Pyxis REMPB is a battery powered device, powered from 2 off AA non-rechargeable alkaline batteries. Operating at 433MHz

Each system can be configured to have a unique pairing address, 16 addresses are available, selectable by rotary switch.

The Pyxis KBDEM must be local to the PC and connected via USB, while the REMPB is a wireless device with a typical range of about 10 – 20 meters.

The Pyxis REMPB does not provide key repeats as per the HID specification, scan codes reflect the button press and button release codes and multiple button presses are not available.



Sorion SEL0041 Panel PC system utilising Pyxis KBDEM interfaced push buttons below the screen