

A1624 IBM PC AT Keyboard Converter Unit Installation, Operation and Maintenance Manual

1. GENERAL

The A1624 Keyboard converter is designed for use with the complete range of analogue addressable panels manufactured by Control Equipment Limited. It allows a standard IBM PC AT compatible keyboard to be connected to the fire alarm panel in order to edit text messages and edit cause/effect data.

2. Installation

The A1624 Keyboard converter has two sockets available. The 6 pin Mini DIN (PS/2) socket is for the keyboard. The 5 pin DIN socket is for connection to the fire alarm panel via the 5 pin DIN plug-to-plug lead provided (note: if the panel is not equipped with a 5 pin DIN socket a different lead or adapter lead will be provided).

Ensure that your keyboard has a PS/2 plug fitted.

The fire alarm panel does not need to be switched off before installation.

1. Connect the A1624 converter to the fire alarm panel using the lead provided.
2. Connect your keyboard to the A1624 converter.

3. OPERATION

Pressing CAPS LOCK, NUM LOCK and SCROLL LOCK buttons on the keyboard will toggle the relevant LEDs on the keyboard on and off. NUM LOCK and SCROLL LOCK have no effect on the fire alarm panel.

CAPS LOCK allows entry of upper case characters. Pressing and holding the left or right SHIFT button also allows upper case characters (if CAPS LOCK is off), as well as upper graphic symbols (e.g. :, <, {).

If the keyboard is unplugged from the A1624 converter and then re-attached, the keyboard LEDs may not indicate the correct state of the A1624. Press CAPS LOCK twice to ensure that the LEDs on the keyboard correctly indicate the mode the A1624 converter is in.

4. Electrical Characteristics

Operating Voltage	5V DC
Current Consumption	12.77mA (without keyboard)
	Note: keyboards will vary in current consumption from 50mA to 300mA (assuming all LEDs are illuminated)
Keyboard Connection Type	IBM PS/2 Keyboard Socket (6 pin mini-DIN)
Panel Connection Type	5 pin DIN socket