



KE18-ATXT-PS2 Protocol Converter User Manual



Thank you for purchasing the
HAGSTROM ELECTRONICS, INC.
KE18-ATXT-PS2.

Please take a few minutes to read this
manual before using your KE18-ATXT-PS2.



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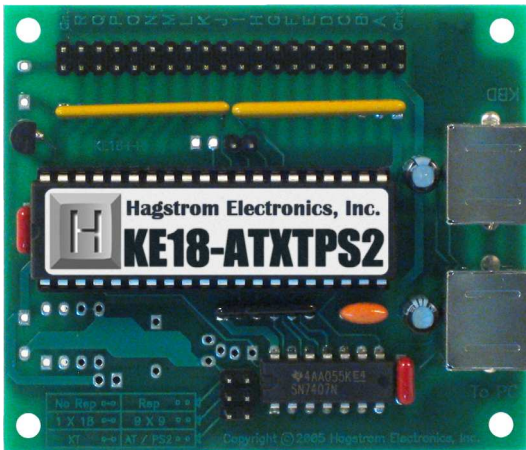
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Introduction to the KE18-ATXT-PS2

The KE18-ATXT-PS2 device is a product designed to convert the output of a PS/2 style keyboard into an XT type Keyboard. Signals from the PS/2 keyboard are received by the KE18-ATXT-PS2 and converted into corresponding XT protocol keystrokes for use on any computer or machine that supports a standard XT type keyboard.

Quick Setup

- 1) Attach the PS/2 keyboard cable miniDIN connector on the KE18-ATXT-PS2 marked "KBD".
- 2) Connect the male to male 5 pin DIN cable included with the unit to the 6 pin miniDIN to 5 pin DIN adapter. Attach the adapter to the KE18-ATXT-PS2 connector marked "To PC". Connect the other end of the 5 pin DIN male to male cable to the PC's XT keyboard input connector. The KE18-ATXT-PS2 is powered directly from the PC's XT keyboard port, no external power is required.
- 3) Turn on the PC. Type on your PS/2 keyboard as normal.



From PS/2 Keyboard

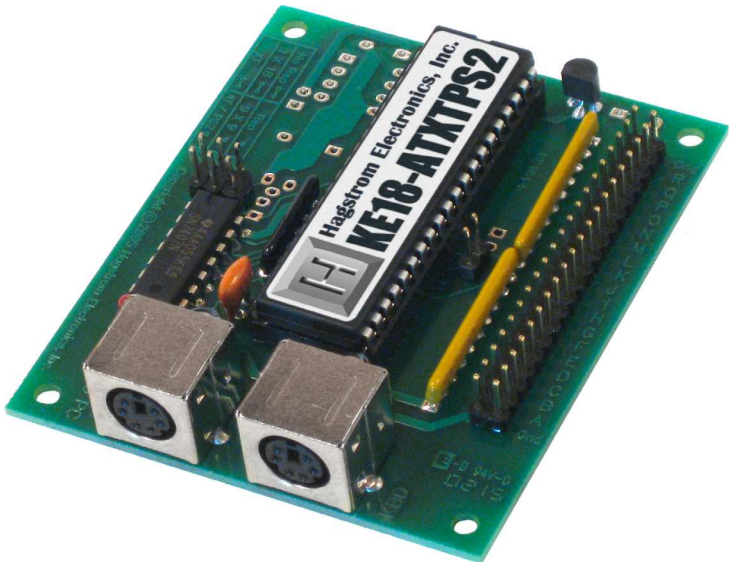


**6 pin miniDIN to 5 pin
DIN adapter, to PC
Keyboard port**

Notes on Operation

The KE18-ATXT-PS2 is powered from the XT keyboard port of the target computer. No external power is needed.

The status LEDs on the PS/2 keyboard for Num Lock, Caps Lock, and Scroll Lock, are not supported by the XT protocol and are local functions on the keyboard when used with this converter. The Caps Lock light is toggled locally by the KE18-ATXT-PS2. To achieve proper operation, simply make sure that the PC's status light default settings match the default state of the PS/2 keyboard CAPS Lock status light at PC power up.



KE18-ATXT-PS2 Specifications

Operating Voltage	5 Volts DC +/- 5%
Operating Current	100 ma Typical
Operating Temp.	0 to 70 Degrees C
PC Interface	XT keyboard port on PC
Cable Length	6 feet 5 pin DIN
Keyboard Protocol	PS/2 Type - 6 pin miniDIN

Custom KE18-ATXT-PS2 Options

We offer custom and special modifications to our standard KE18-ATXT-PS2 unit to conform to your exact specifications. Please contact us if you have special requirements not found on the standard unit.

Questions or Comments?

Please give us a call!

Toll Free

888-690-9080

or visit us on the web

www.hagstromelectronics.com

email: **sales@hagstromelectronics.com**

Warranty

HAGSTROM ELECTRONICS, INC. warrants this product against defects in material or workmanship for a period of ONE YEAR from the original purchase date. We will repair or replace (at our option) the returned defective unit at no charge during this warranty period.

No responsibility is assumed for any special, incidental, or consequential damage resulting from the use of or inability to use this product. In no case is **HAGSTROM ELECTRONICS, INC.** to be liable for any amount which exceeds the purchase price of the unit, regardless of the claim.

No other warranty, written or verbal, is authorized. This warranty is applicable only to units sold in the United States. Units sold outside the United States are covered by a similar warranty.

Depending on the state in which you live, you may have additional rights.

Great care has been taken during the assembly, testing, and burn-in of your KE18-ATXT-PS2 to ensure its performance. If you have any questions, please send us an email or give us a call. Support is available Monday through Friday, 8:00 am to 5:00 pm (EST).

customer service email: [*sales@hagstromelectronics.com*](mailto:sales@hagstromelectronics.com)

Call Toll Free **888-690-9080**, or **(540) 465-4677**

NOTICE The KE18-ATXT-PS2 product is designed to be used by technically oriented computer users. When the KE18-ATXT-PS2 is in use, your computer's signals and voltages are present on the unit. Prudent handling and packaging is necessary to prevent damage to your computer.

Your keyboard encoder is designed for OEM use, and is not FCC part 15 approved. Because the packaging and use of the product will directly affect the characteristics of the unit, it is the responsibility of the purchaser to obtain final approval of their application, if required.



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