1. Introduction

The Keyboard Emulator (AC242A), as its name implies, emulates the presence of a keyboard for your PC. When you use the included cable to connect it to your PC's keyboard port, your PC can boot up and operate without a keyboard being attached.

The Keyboard Emulator Plus (AC243A) works the same way as the regular Keyboard Emulator, but it also has an extra 6-pin mini-DIN female port that you can plug a keyboard into any time you do want to control your PC or input to it through a keyboard.

2. Installation

To install the Keyboard Emulator or Emulator Plus, take these steps:

1. Turn off the PC.
2. Unplug its keyboard.
3. Plug one end of the included 6-pin mini-DIN cable into a 6-pin mini-DIN female connector on the Keyboard Emulator or Emulator Plus. (Use the connector labeled “CPU” on the Emulator Plus.) Plug the other end of this cable into the PC's keyboard port in place of the keyboard.

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Appendix: Specifications

**System Requirements** — IBM® AT®, PS/2®, or compatible

**Interface** — IBM keyboard (6-pin)

**Protocols** — Scan modes 1, 2, and 3

**Connectors** —
- AC242A: (1) 6-pin mini-DIN female;
- AC243A: (2) 6-pin mini-DIN female;
- (1) 6-ft. (1.8-m) cable with male 6-pin mini-DIN connectors on both ends included with both units

**Power** — From PC: +4.75 to +5.25 VDC at 100 mA

**MTBF** — 100,000 hours

**Altitude Tolerance** — Up to 10,000 ft. (3048 m)

**Temperature Tolerance** —
- Operating: 32 to 158°F (0 to 70°C);
- Storage: –4 to 212°F (–20 to 100°C)

**Humidity Tolerance** — Up to 95% noncondensing

**Dimensions** — 1.5"H x 2"W x 2"D (3.8 x 5.1 x 5.1cm)

**Weight** — 0.5 lb. (0.2 kg)

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