BTC 39/69 SERIES KEYBOARD USER’S GUIDE

KEYBOARD LAYOUT

BTC-5339/5339T/5339R/5339S keyboard layout:

**U.S. ENGLISH**

* PC/XT/AT Compatible;
* With L-shaped Enter key that most typists prefer;
* Adding a MACRO key for running BTC’s software: MacroKey, a user-defined keyboard program.

---

BTC-5369/5369T/5369R/5369S keyboard layout:

**U.S. ENGLISH**

* PC/XT/AT Compatible

---

IBM PC, XT, AT are registered trademarks of International Business Machines Corporation.
BTC is a trademark of Behavior Tech Computer Corporation and is registered in certain countries.
KEYSWITCH SCAN CODE

The keys shown in the code charts are compatible with the IBM personal computer PC, XT, and AT keyboards.

The bit assignments for each key are shown in the hexadecimal numbering system. Hexadecimal means 16 and is simply a shorthand notation used to express the binary bit patterns.

For the PC/XT, the break code of each key is transmitted as the make code plus 80. For example, the make code of character "A" is 1E so its break code is 9E. All keys are typematic except the PAUSE key.

For the AT, the break code of each key is transmitted as F0 followed by that key's make code. For example, the make code of character "A" is 1C so its break code is F0 1C. All keys are typematic except the PAUSE key.

PC, XT, AT Compatible Cable

Pin#  Signal Name          Voltage
1  Keyboard Clock          +5VDC Signal
2  Ground                0
3  Keyboard Data          +5VDC Signal
4  Power Supply           +5VDC
5  No Connection

POWER REQUIREMENT

+5 VDC @240 mA nominal

ENVIRONMENTAL DATA

Operating temperature: 0°C to 55°C
Relative humidity: 20% - 95% non-condensing
Altitude: -1000 ft. to 10000 ft.

MECHANICAL DATA

<table>
<thead>
<tr>
<th>Model No.</th>
<th>5339, 5369</th>
<th>5339S, 5369S</th>
<th>5339R, 5369R</th>
<th>5339T, 5369T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Travel</td>
<td>3.9 +/- 0.5 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pretravel</td>
<td>1.9 +/- 0.5 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Life</td>
<td>50 mega cycles min. per key</td>
<td>10 mega cycles min. per key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peak Load before Make (normal key)</td>
<td>40 +/– 10 grams</td>
<td>55 +/– 10 grams</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>490 mm</td>
<td>470 mm</td>
<td>470 mm</td>
<td>490 mm</td>
</tr>
<tr>
<td>Width</td>
<td>210 mm</td>
<td>180 mm</td>
<td>180 mm</td>
<td>210 mm</td>
</tr>
<tr>
<td>Height</td>
<td>40 mm</td>
<td>40 mm</td>
<td>40 mm</td>
<td>40 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>2 kg</td>
<td>1.4 kg</td>
<td>1.4 kg</td>
<td>2 kg</td>
</tr>
</tbody>
</table>
**FEDERAL COMMUNICATION COMMISSION GUIDELINES**

**Warning:** This equipment has been certified to comply with the limits for a class B computing device, pursuant to subpart J of part 15 of FCC rules. Only computers and peripherals (computer input/output devices, terminals, printers, etc.) certified to comply with the class B limits may be attached to this keyboard. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

---

**LIMITED WARRANTY**

Behavior Tech Computer Corporation (BTC) makes the following non-transferable warranty to the original purchaser. The keyboard is warranted to be free from defects with normal usage for one year after purchase. During this period, you may return the defective keyboard for service under warranty.

If you need to return your keyboard for service under warranty, please repack it in the original packaging to protect the product from any shock or damage in shipment. Make sure that you do not remove the keyboard model and serial number label from the bottom of your keyboard. Send the keyboard to BTC at your own expense. It will be returned via prepaid UPS Surface. Your keyboard will be repaired free of charge promptly, subject to the availability of parts.