IBM 6779 Typewriter Operator's Reference

S544-4268-00

Canadian Department of Communications (DOC) Compliance Statement

This equipment does not exceed Class B limits per radio noise emissions for digital apparatus, set out in the Radio Interference Regulation of the Canadian Department of Communications. Operation in a residential area may cause unacceptable interference to radio and TV reception requiring the owner or operator to take whatever steps are necessary to correct the interference.

The above statement applies only to those machines used in Canada.

Avis de conformité aux normes du ministère des Communications du Canada

Cet équipement ne dépasse pas les limites de Classe B d'émission de bruits radioélectriques pour les appareils numériques, telles que prescrites par le Règlement sur le brouillage radioélectrique établi par le ministère des Communications du Canada. L'exploitation faite en milieu résidentiel peut entraîner le brouillage des réceptions radio et télé, ce qui obligerait le propriétaire ou l'opérateur à prendre les dispositions nécessaires pour en éliminer les causes.

Cet avis ne s'applique qu'aux machines utilisées au Canada.

First Edition (October 1989)

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Publications are not stocked at the address below. For copies, contact your IBM Authorized Dealer or point of purchase.

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FCC Notice

The IBM 6779 Typewriter generates and uses radio frequency energy. If the typewriter is not installed or used properly, it may interfere with radio or television reception. This typewriter has been tested and found to comply with the limits for a Class B computing device pursuant to Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when operated in a residential area.

If this typewriter interferes with reception, which can be determined by switching the typewriter off and on, try one or more of the following:

- Move the receiving antenna.
- Relocate the typewriter in relation to the radio or television.
- Plug the typewriter into a different outlet.

If necessary, consult your IBM Authorized Dealer or point of purchase. If anyone other than someone authorized by IBM modifies the typewriter and it causes interference, the user is responsible for correcting the interference.

Safety Information

This machine has a nongrounding-type (2-wire) power cord. This machine has additional insulation which provides extra protection against the risk of electric shock and does not rely on grounding.

For continued protection against the risk of personal injury:

- Connect the machine only to an outlet of the correct voltage. The voltage your machine will accept is indicated on the machine.
- Make sure the machine is turned off before connecting or disconnecting cords and cables.
- Do not use the machine in an area where it can become wet.
- Keep hair and personal articles away from moving parts to avoid getting them caught.
- Refer service or repair to qualified service personnel.
- Increased risks of personal injury may occur during disassembly and servicing.
- Replacement parts must have the identical or equivalent characteristics as the original parts because some safety features of parts may not always be obvious.
- Maintenance information is written for the professional service person and is not intended for use by others.

About Your Typewriter

Congratulations! You are about to experience typing with your new IBM 6779 Typewriter.

This typewriter was designed to provide you with excellent typing quality and make your work more enjoyable.

Special functions—such as Correction, Automatic Centering, Continuous Underlining, Right Flush, and Bold Print—are designed to make your typing jobs easier, faster, and more productive.

The special set of keys located to the right of your keyboard allows you to move quickly and easily—up, down, left, or right to any location on the paper.

This typewriter is like having several typewriters in one. You can type in either pica, elite, or micro elite. Also, you have a choice of single, one-and-one-half, double, or triple spacing.

An optional carrying case and dust cover are available from your IBM Authorized Dealer.

Do not expose your typewriter to temperatures above 140°F, such as in a closed vehicle.

Parts of the Typewriter
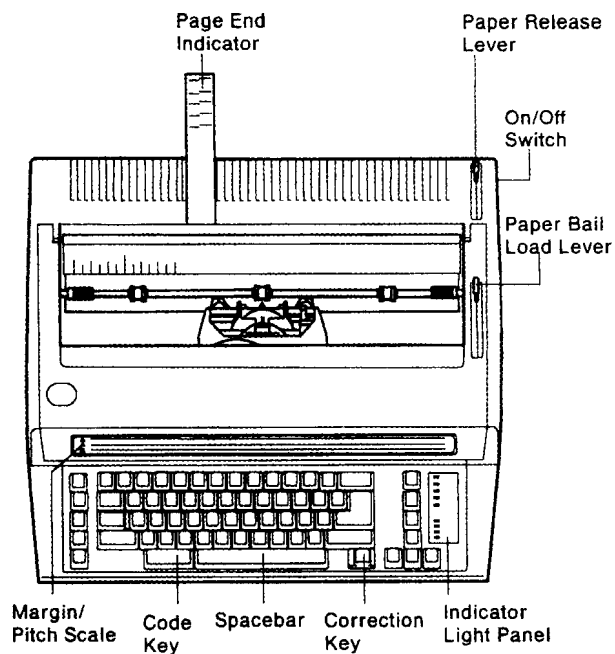
Using the Typewriter

The on/off switch is located on the right side of the typewriter (right rear corner).

Make sure the printwheel and ribbons are installed. See "What Happened?" on page 7 for assistance.

Indicator Light Panel

An indicator light panel is on the right side of the keyboard. The indicator lights let you know when a function is on or off.

Page End Indicator

The lines on the page end indicator tell you approximately how much space remains to the bottom of 27.9 cm (11 in) paper. The left side of the indicator is marked in inches. The right side is marked in centimeters.

Inserting Paper

1. Place paper in the typewriter and pull the **Paper Bail Load Lever** forward. Release the lever when the paper begins to load.
2. When the paper stops moving, push the **Paper Bail Load Lever** all the way back.

Paper Release Lever — Paper Bail Load Lever
—(Closed Position)
—(Open Position)
—(Load Position)
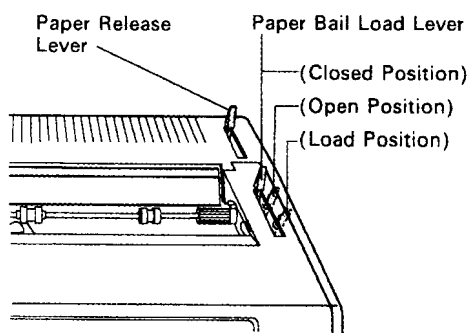
To insert carbon copies (five maximum), pull the *Paper Release Lever* forward and the **Paper Bail Load Lever** to the open position. Insert and align the copies, then push both levers all the way back.

Margin/Pitch Scale

Characters Per Inch
Pitch Symbol
Orange Pointer (next print position)
Paper Center Marks
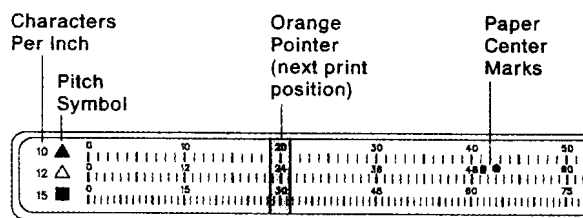
Printwheels

Changing a printwheel automatically sets the pitch. Pitch determines the number of characters printed per horizontal inch. You can choose from printwheels in 10, 12, or 15 pitch. See "Typestyle Samples and Pitches" on page 9.

Printwheels for 10 or 12 pitch print six lines per vertical inch. Printwheels for 15 pitch print eight lines per vertical inch.

Paper and Carrier Movement Keys

- Press **Paper Up** or **Paper Down** to move paper up or down one-half line.
- Press **Code** + **Paper Up** or **Code** + **Paper Down** to move paper up or down one micro-index for precise alignment.
- Press ↑ or ↓ to move paper down or up the number of lines determined by the line space setting.
- Press → or ← to move the carrier right or left on the current line.

Margins and Tabs

Every time you turn your typewriter off and on, standard margins and tabs are set automatically. *Leave your typewriter turned on to save your own margins and tabs.*

	10 Pitch	12 Pitch	15 Pitch
Left Margin	10	12	15
Right Margin	70	84	105

Standard tabs are set every one-half inch in 10 and 12 pitch, and *approximately* every one-half inch in 15 pitch.

For margins and tabs different from standard, move the carrier to the desired point, and press one of the following:

- **LMar** to set the left margin.
- **RMar** to set the right margin.
- **MarRel** to release the left margin; then **Backspace** or ← to move left of the margin.
- **TSet** to set a tab.
- **TClr** to clear a tab.
- Hold down **TClr** while you press **CRtn** to clear all tabs.

The typewriter beeps when the carrier is about five spaces before the right margin.

Shift and Lock

Press **Lock** to type *continually* in uppercase. Press **Shift** to return to normal typing. Hold down **Shift** to type individual uppercase characters.

Automatic Correction Memory

You can erase and correct automatically *on the line you are typing*. Press the **Correction** key ⊠ to erase one character. Hold down ⊠ to erase several characters.

Correction memory is cleared if you:

- Turn the typewriter off.
- Change printwheels.
- Type a character or use **Tab** on another line.
- Type a character after using **Bksp½** on the line you are typing.

Manual Correction

To erase characters on *another* line, move to the incorrect character; press ⊠; type the character to be erased; and type the correct character.

Relocate

Press **Reloc** to move the carrier to the end of the writing line after making automatic corrections on the *current* line. **Relocate** cannot be used after erasing manually and typing another character.

Summary of Code Key Functions

The keys with green lettering are used in combination with the **Code** key to print special characters and turn special functions on and off.

To use the function in Column 1, *hold down* **Code** *while you press the key shown in bold type*:

Automatic Carrier Return **R (ARtn)**	Turns ARtn on or off. A beep sounds as the carrier is five spaces before the right margin. Continue typing and the carrier returns automatically when you end a word by typing a space. ARtn is turned off when the typewriter is turned off. Typing required spaces (**Code + Spacebar**) keeps words together on the same line when ARtn is on. Example *with* required spaces: **Code+Spacebar** ↓ ↓ Jim's birthday is May 12, 1987. ↑ **Right Margin** Example *without* required spaces: Jim's birthday is May 12, 1987.
Backspace ½ **Backspace(Bksp½)**	Moves the carrier back one-half space so extra characters can be inserted in a word.
Bold Print **B (Bold)**	Turns Bold on or off. Bold is turned off when the typewriter is turned off.
Caps **N (Caps)**	Turns Caps on or off. If Caps is on, capital letters, numbers, and punctuation can be typed at the same time without using Shift or Lock.
Centering **C (Ctr)**	Turns centering on or off. To center between margins: 1. Set margins and press **CRtn**. 2. Press **Code + C (Ctr)**. 3. Type text. (Press ⊠ to correct errors). 4. Press **Code + C (Ctr)** to print. Pressing **CRtn**, **Tab**, or **DecT** also causes text to print. To center at any point on a line: (for example, centering headings over columns) 1. Space or tab to a center point. 2. Complete steps 2 through 4 above.

Decimal Tab **D (DecT)**	Moves the carrier to a tab position when typing numbers in columns.
	
	1. Turn ARtn off.
	2. Use **TSet** to set a *regular* tab at each *position*. **Example**:
	
	        Set Tab Set Tab
	          ↓ ↓
	Chicago 234.56 20.13
	Denver 132.87 16.14
	
	3. Press **CRtn** and type *Chicago*.
	4. Press **Code + D** and type the numbers *234 up to* the decimal point. The carrier moves backward but does not print. If you accidentally press **Tab**, press ⊠ until the tab is erased, then press **Code + D** and retype numbers.
	5. Type decimal point. The number and decimal point print.
	6. Type any numbers or characters after the decimal point *56*.
	7. Press **Code + D** and repeat the procedure for each column.
	8. Press **CRtn** after the last column on each line.

Impression **Q (Impr)**	Sets impression to heavy or normal. Returns to normal when the typewriter is turned off. Heavy impression is for typing carbons.
Indent **Tab (IndL)**	Sets an indent (temporary left margin) until cleared. Also used to set an indent to the *left* of the left margin.
Indent Clear **CRtn (IndClr)**	Clears indent (temporary left margin); the carrier returns.
Language **L (Lang)**	Turns alternate language keyboards on or off. 1. Insert alternate printwheel (available from your point of purchase or IBM Authorized Dealer). 2. Hold down **Code + L** and type the Keyboard ID (the first three digits of the number above the Reorder No. on the printwheel label). See "Keyboard Charts" on page 11. 3. When finished using, press **Code + L**, then reinstall your primary printwheel. The alternate keyboard is not saved when the typewriter is turned off.

Line Space **Reloc (Line Space)**	Selects the desired line space setting and a **Line Space** light comes on: **1, 1½, 2,** or **3.** Returns to **1** when the typewriter is turned off.
Paper Down (Micro) **Paper Down (Micro)**	Moves paper down one micro-index (1/48") for precise alignment.
Paper Up (Micro) **Paper Up (Micro)**	Moves paper up one micro-index (1/48") for precise alignment.
Right Flush **O (RFlsh)**	Turns Right Flush on or off. You can type text right flush with any point on the typing line, such as a tab stop. Lines can also be typed right flush with an even (flush) right margin. Flush with any point on a line: 1. Move the carrier to the point where you want the text to be right aligned. 2. Press **Code + O (RFlsh)**. 3. Type the words you want to be right flush at that point. 4. Press **Code + O**. The text prints flush with the point you chose. Pressing **CRtn, Tab,** or **DecT** also causes the text to print. Right Flush is turned off when the words print. Flush with right margin: 1. Make sure the right margin is set and the carrier is at the left margin. 2. Press **Code + O (RFlsh)**. The carrier moves to the right margin. 3. Type the text to be aligned. As you type, the carrier backs up without printing. If you make an error, press ⊠ and type the correct character. 4. Press **Code + O**. The text prints flush with the right margin. Right Flush is turned off when the words print.
Subscript **H (½↓)**	Prints the next number or character *below* the typing line. Example: H_2O
Superscript **Y (½↑)**	Prints the next number or character *above* the typing line. Example: Happy Living [5]

Symbols	Prints these special symbols or characters as shown on the keybuttons. **Code +** ; to print §. **Code +** ' to print ¶. **Code + ½** to print ^{2}. **Code +]** to print ^{3}.
Underlining **U (Cont)**	Turns continuous underline on or off. All text and spaces are underlined.

Supplies

For IBM supplies, contact your point of purchase or your IBM Authorized Dealer, or call IBM Direct at 1-800-IBM-2468.

What Happened?

If you hear several beeps or see blinking lights, check the following:

- **Printwheel.** Make sure it is installed correctly and is not broken. Try another printwheel if you are not sure.

  Remove the yellow shipping seal from the center of a new IBM printwheel before you install it.

  Hold the printwheel by the tab so the letters IBM are in the upper left corner. Pull the print hammer toward you and hold it. Lower the printwheel into the slot, then release the print hammer. Press the **Code** key.
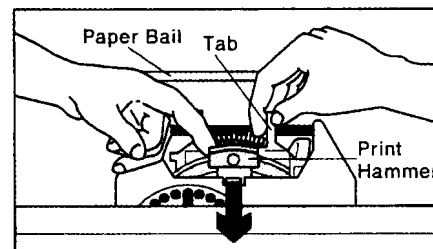
- **Ribbon.** Make sure the ribbon is installed correctly and has not run out or broken. Follow the instructions on the IBM ribbon package to ensure correct installation.

If neither of these problems exists and the typewriter is inoperable, turn the machine off and wait 10 seconds, then turn it on again. If it is still inoperable, call your IBM Authorized Dealer or point of purchase for service.

IBM Easystrike® Ribbons

Applications	Multi-purpose	High[1] Yield Correctable	Fabric	Superior[2] Write Correctable
Correspondence				
Legal	•	•	NR	•
Executive	•	•	NR	•
General	•	•	•	•
Hard-to-Image Originals[3]	•	NR	•	•
OCR	•	NR	NR	NR
Speech Writing[4]	•	NR	•	•
Negotiable Instruments (checks and stocks)	•	NR	•	NR
Erasable Bond[3]	•	NR	NR	•
Quality of Original				
1 - 3 Carbons	Good	Good	Good	Good
3 - 5 Carbons	Fair	Marginal	Fair	Fair
Reorder Number	1337764	1299845	1356000	1380999
Correction Tape				
Lift-Off Tape 1337765		•	None	•
Cover-Up Tape 1337766	•		None	

• = Recommended   NR = Not Recommended

The IBM Easystrike® Correctable Ribbon Cassette is available in brown (1337762) and blue (1337763).

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[1] Long-life correctable film ribbon; recommended for general correspondence.

[2] Recommended for bold and dark print, especially on difficult-to-image papers.

[3] The receptivity of the surface of these materials varies widely; therefore, for best results, use care in selecting a specific material to be typed on, and in selecting typestyle, impression control, and ribbon. The IBM Easystrike® Superior Write Correctable Ribbon is recommended for most hard-to-image applications. However, there are some special coated or treated surfaces where the multipurpose ribbon must be used. When in doubt, prepare samples first.

[4] Best results with Rhetoric and other large typestyle printwheels are obtained by using the IBM Easystrike® Multipurpose Ribbon.

Ribbon Removal and Installation

1 Push blue latch.　2 Lift up and out.　3 Separate 2 cassettes.

4 Slide cassettes together.　5 Press gray tabs.　6 Advance tape.

7 Slide into typewriter.　8 Press down firmly.
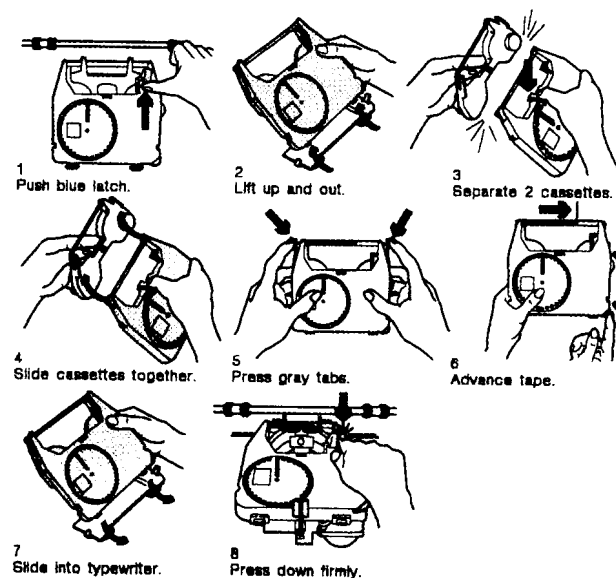
Typestyle Samples and Pitches

10 Pitch

▲ Advocate 1353845	IBM's variety of type
▲ Artisan 10 1353520	IBM's variety of type
▲ Bookface Academic 1353844	IBM's variety of type
▲ Courier 10 1353511	IBM's variety of type
▲ Delegate 1353843	IBM's variety of type
▲ Manifold 1353846	IBM'S VARIETY OF TYPE
▲ OCR-A 1353246	IBM's variety of type
▲ OCR-B 1353247	IBM's variety of type
▲ Pica 1353829	IBM's variety of type
▲ Presentor 1353015	IBM's variety of type
▲ Prestige Pica 1353503	IBM's variety of type
▲ P&P #3 OCR 1353054	IBM's variety of type

10 Pitch (continued)

▲ Rhetoric 1353736	IBM'S VARIETY OF TYPE
▲ 1403 OCR 1353075	IBM'S VARIETY OF TYPE

12 Pitch

△ Adjutant 1353047	IBM's variety of type
△ Artisan 12 1353050	IBM's variety of type
△ Auto Elite 1353080	IBM's variety of type
△ Courier 12 1353523	IBM's variety of type
△ Courier 12 Italic 1353890	*IBM's variety of type*
△ Dual Gothic 1353055	IBM's variety of type
△ Elite 1353861	IBM's variety of type
△ Large Elite 1353017	IBM's variety of type
△ Letter Gothic 1353514	IBM's variety of type
△ Light Italic 1353764	*IBM's variety of type*
△ Olde World 1353875	IBM's variety of type
△ Prestige Elite 1353502	IBM's variety of type
△ Scribe 1353982	IBM's variety of type
△ Script 1353778	IBM's variety of type

15 Pitch

■ Courier 15 1353796	IBM's variety of type
■ Gothic 15 1353719	IBM's variety of type
■ Prestige 15 1353655	IBM's variety of type

Keyboard Charts

The following charts show the keyboard ID numbers and character locations for each alternate keyboard. The charts are arranged numerically.

Keyboard ID 001 — Australia, Canada (English), New Zealand, United States
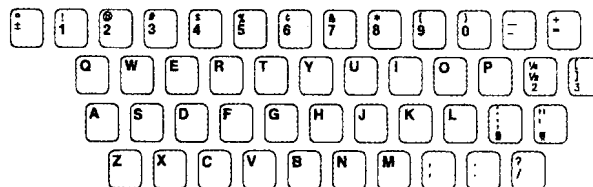
Keyboard ID 025 — Latin America
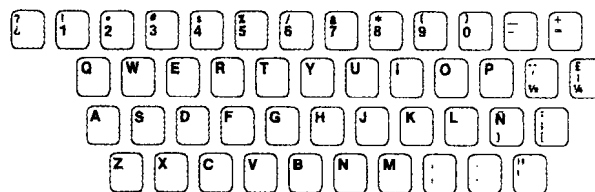
Keyboard ID 029 — Austria, Germany (West)
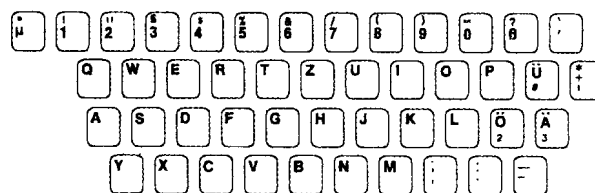
Keyboard ID 039 — Canada (Bilingual)
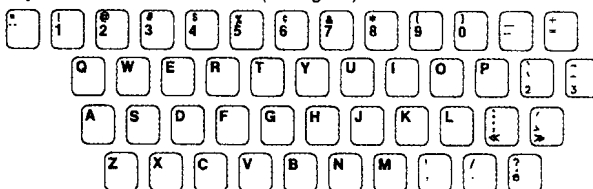
Keyboard ID 041 — Italy
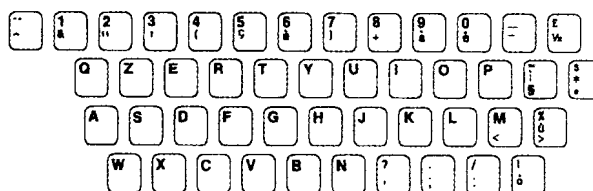
Keyboard ID 043 — Netherlands
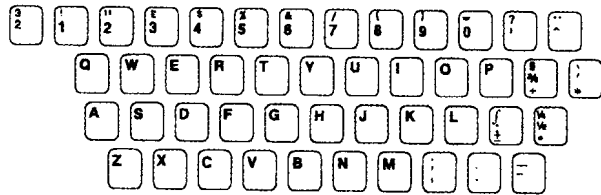
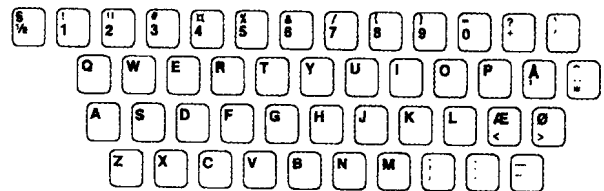Keyboard ID 049 — Switzerland (French)
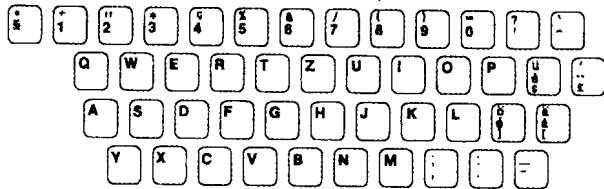
Keyboard ID 051 — Switzerland (German)
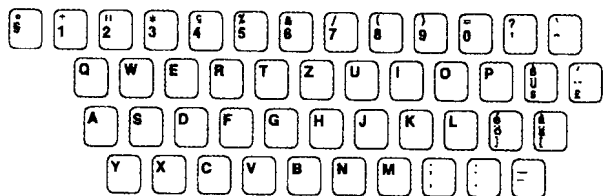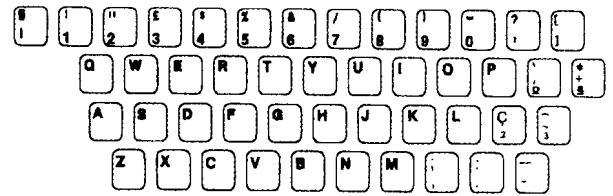
Keyboard ID 053 — Finland, Sweden
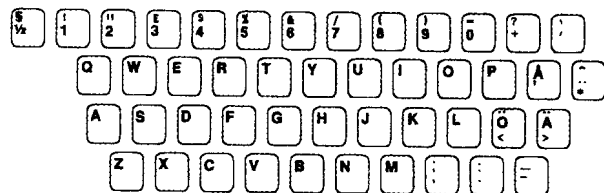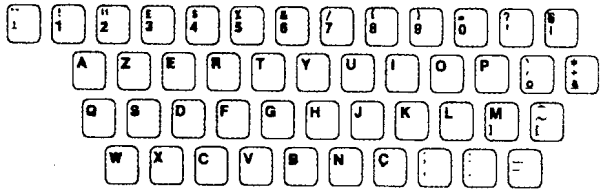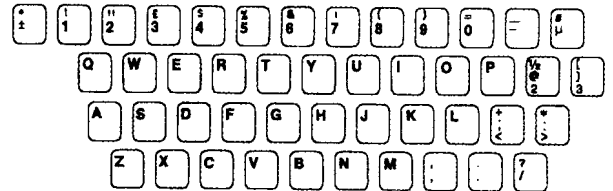
Keyboard ID 055 — Norway
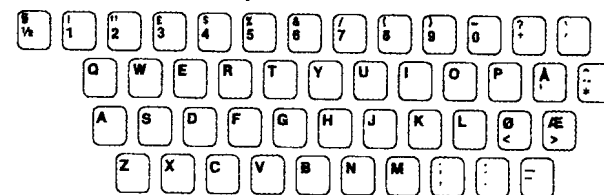
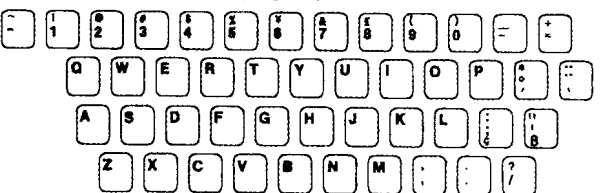Keyboard ID 059 — Denmark

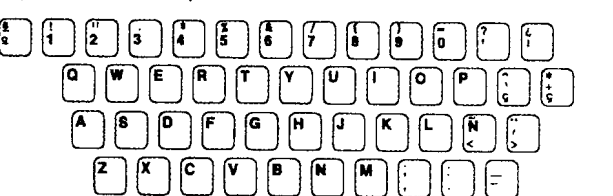Keyboard ID 061 — Brazil

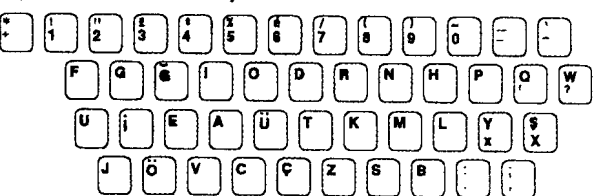Keyboard ID 063 — Portugal

Keyboard ID 067 — United Kingdom

Keyboard ID 069 — Japan (English)

Keyboard ID 070 — Spain

Keyboard ID 079 — Turkey

Keyboard ID 081 — South Africa

Keyboard ID 099 — Latin Supplemental ISO

Keyboard ID 103 — ASCII (PC)

Keyboard ID 207 — Greece (Latin)

Keyboard ID 219 — Greece (Greek)

Keyboard ID 251 — Belgium, France