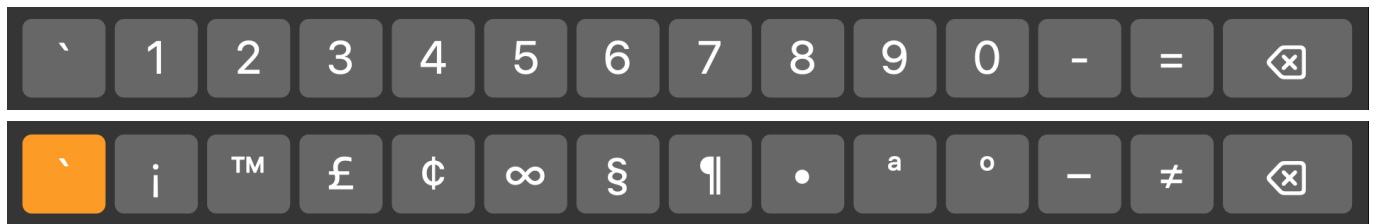


Special Characters on Apple Keyboards

Updates: <http://github.com/RedBearAK/optspecialchars>

Numbers row + Option:

` 1 2 3 4 5 6 7 8 9 0 - =
 (`) ¡ ¢ £ ¤ ¥ ¦ § ¨ • ª « ¬ ® ¯ º



Key	Description	Unicode	Alt Code
Opt+`	Dead Keys Grave accent (combining)	[Note 1]	
Opt+1	Inverted Exclamation Mark	{U+00A1}	(Alt+173)
Opt+2	Trade Mark Sign Emoji	{U+2122}	(Alt+0153)
Opt+3	British Pound currency symbol	{U+00A3}	(Alt+156)
Opt+4	Cent currency symbol	{U+00A2}	(Alt+155)
Opt+5	Infinity mathematical symbol	{U+221E}	(Alt+236)
Opt+6	Section symbol	{U+00A7}	(Alt+0167)
Opt+7	Paragraph mark (Pilcrow) symbol	{U+00B6}	(Alt+0182)
Opt+8	Bullet Point symbol (solid)	{U+2022}	(Alt+0149)
Opt+9	Feminine Ordinal Indicator	{U+00AA}	(Alt+166)
Opt+0	Masculine Ordinal Indicator	{U+00BA}	(Alt+167)
Opt+-	En Dash punctuation mark	{U+2013}	(Alt+0150)
Opt+=	Not Equal To symbol	{U+2260}	(No Alt Code)

[Note 1] Option+` (Grave) accented characters:

à è ì ò ù À È Ì Ò Ù

Updates: <http://github.com/RedBearAK/optspecialchars>

Numbers row + Option + Shift:

~ ! @ # \$ % ^ & * () _ +
` / € < > fi fl ‡ ° · , — ±

`1234567890- =

`/€<>fi fl ‡ ° · , — ±

Key	Description	Unicode	Alt Code
⇧+Opt+`	Grave Accent (non-combining)	{U+0060}	(Alt+96)
⇧+Opt+1	Fraction Slash	{U+2044}	(No Alt Code)
⇧+Opt+2	Euro currency symbol	{U+20AC}	(Alt+0128)
⇧+Opt+3	Single Left-Pointing Angle Quotation mark	{U+2039}	(Alt+0139)
⇧+Opt+4	Single Right-Pointing Angle Quotation mark	{U+203A}	(Alt+0155)
⇧+Opt+5	Latin Small Ligature Fi	{U+FB01}	(No Alt Code)
⇧+Opt+6	Latin Small Ligature Fl	{U+FB02}	(No Alt Code)
⇧+Opt+7	Double dagger (cross) symbol	{U+2021}	(Alt+0135)
⇧+Opt+8	Degree Sign	{U+00B0}	(Alt+248)
⇧+Opt+9	Middle Dot (interpunct/middot)	{U+00B7}	(Alt+250)
⇧+Opt+0	Single low-9 quotation mark	{U+201A}	(Alt+0130)
⇧+Opt+-	Em Dash punctuation mark	{U+2014}	(Alt+0151)
⇧+Opt+=	Plus Minus mathematical symbol	{U+00B1}	(Alt+241)

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Updates: <http://github.com/RedBearAK/optspecialchars>

Tab key row + Option:

```
q w e r t y u i o p [ ] \
œ Σ ( ´ ) ® † ¥ ( ¨ ) ( ^ ) ø π “ ’ «
```



Key	Description	Unicode	Alt Code
Opt+Q	Small oe (oethel) ligature	{U+0153}	(Alt+0156)
Opt+W	N-Ary Summation (sigma) notation	{U+2211}	(No Alt Code)
Opt+E	Dead Keys Acute accent (combining)	[Note 2]	
Opt+R	Registered Trade Mark Sign	{U+00AE}	(Alt+0174)
Opt+T	Simple dagger (cross) symbol	{U+2020}	(Alt+0134)
Opt+Y	Japanese Yen currency symbol	{U+00A5}	(Alt+157)
Opt+U	Dead Keys Umlaut accent (combining)	[Note 3]	
Opt+I	Dead Keys Circumflex accent (combining)	[Note 4]	
Opt+O	Small slashed o	{U+00F8}	(Alt+0248)
Opt+P	Greek Small Letter Pi	{U+03C0}	(Alt+227)
Opt+[Left Double Quotation Mark	{U+201C}	(Alt+0147)
Opt+]	Left Single Quotation Mark	{U+2018}	(Alt+0145)
Opt+\	Left-Pointing Double Angle Quotation Mark	{U+00AB}	(Alt+174)

[Note 2] Option+e (Acute) accented characters:
á é í ó ú Á É Í Ó Ú

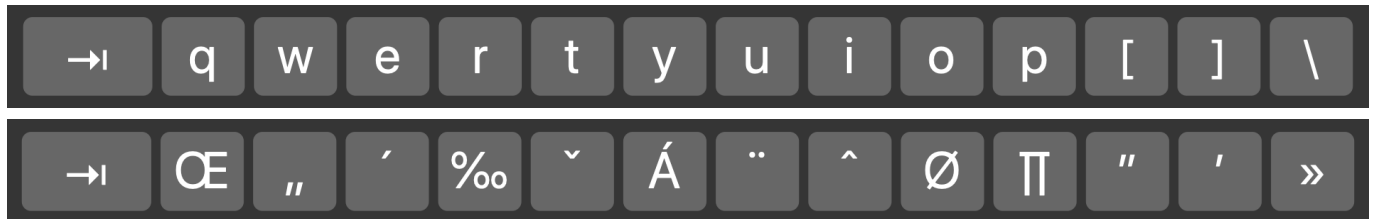
[Note 3] Option+u (Umlaut) accented characters:
ä ë ï ö ü ÿ Ä Æ Ĩ Ö Ü Ÿ

[Note 4] Option+i (Circumflex) accented characters:
â ê î ô û Â Ê Î Ô Û

Updates: <http://github.com/RedBearAK/optspecialchars>

Tab key row + Option + Shift:

Q W E R T Y U I O P { } |
Œ „ ‘ ‰ ˇ Á “ ^ Ø ∏ ” ’ »



Key	Description	Unicode	Alt Code
⇧ +Opt+Q	Capital OE (Oethel) ligature	{U+0152}	(Alt+0140)
⇧ +Opt+W	Double Low-9 Quotation mark	{U+201E}	(Alt+0132)
⇧ +Opt+E	Acute Accent diacritic (non-combining)	{U+00B4}	(Alt+0180)
⇧ +Opt+R	Per mille symbol (zero over zero-zero)	{U+2030}	(Alt+0137)
⇧ +Opt+T	Caron/hacek diacritic (non-combining)	{U+02C7}	(No Alt Code)
⇧ +Opt+Y	Latin Capital Letter a with Acute	{U+00C1}	(Alt+0193)
⇧ +Opt+U	Diaeresis/Umlaut (non-combining)	{U+00A8}	(Alt+0168)
⇧ +Opt+I	Circumflex Accent (non-combining)	{U+02C6}	(Alt+0136)
⇧ +Opt+O	Latin Capital Letter O with Stroke	{U+00D8}	(Alt+0216)
⇧ +Opt+P	N-Ary Product mathematical symbol	{U+220F}	(No Alt Code)
⇧ +Opt+[Right Double Quotation Mark	{U+201D}	(Alt+0148)
⇧ +Opt+]	Right Single Quotation Mark	{U+2019}	(Alt+0146)
⇧ +Opt+\	Right-Pointing Double Angle Quotation Mark	{U+00BB}	(Alt+175)

Updates: <http://github.com/RedBearAK/optspecialchars>

Caps Lock row + Option:

a s d f g h j k l ; '
å ß ð ƒ © · Δ ° ¬ … æ



Key	Description	Unicode	Alt Code
Opt+A	Small Letter a with Ring Above	{U+00E5}	(Alt+130)
Opt+S	German Eszett/beta (Sharfes/Sharp S)	{U+00DF}	(Alt+225)
Opt+D	Partial Differential	{U+2202}	(No Alt Code)
Opt+F	Function/florin currency symbol	{U+0192}	(Alt+159)
Opt+G	Copyright Sign	{U+00A9}	(Alt+0169)
Opt+H	Dot Above diacritic (non-combining)	{U+02D9}	(No Alt Code)
Opt+J	Increment, laplace operator symbol	{U+2206}	(No Alt Code)
Opt+K	Ring Above diacritic (non-combining)	{U+02DA}	(No Alt Code)
Opt+L	Not Sign angled dash symbol	{U+00AC}	(Alt+170)
Opt+;	Horizontal ellipsis	{U+2026}	(Alt+0133)
Opt+'	Small ae ligature	{U+00E6}	(Alt+130)

Updates: <http://github.com/RedBearAK/optspecialchars>

Caps Lock row + Option + Shift:

A S D F G H J K L : "
 Å Í Î Ï “ Ó Ô [□] Ò Ú Æ



Key	Description	Unicode	Alt Code
⇧ +Opt+A	Capital Letter A with Ring Above	{U+00C5}	(Alt+143)
⇧ +Opt+S	Latin Capital Letter I with Acute	{U+00CD}	(Alt+0205)
⇧ +Opt+D	Latin Capital Letter I with Circumflex	{U+00CE}	(Alt+0206)
⇧ +Opt+F	Latin Capital Letter I with Diaeresis	{U+00CF}	(Alt+0207)
⇧ +Opt+G	Double Acute Accent (non-combining)	{U+02DD}	(No Alt Code)
⇧ +Opt+H	Latin Capital Letter O with Acute	{U+00D3}	(Alt+0211)
⇧ +Opt+J	Latin Capital Letter O with Circumflex	{U+00D4}	(Alt+0212)
⇧ +Opt+K	Apple logo [needs Baskerville font]	{U+F8FF}	(No Alt Code)
⇧ +Opt+L	Latin Capital Letter O with Grave	{U+00D2}	(Alt+0210)
⇧ +Opt+;	Latin Capital Letter U with Acute	{U+00DA}	(Alt+0218)
⇧ +Opt+'	Capital AE ligature	{U+00C6}	(Alt+146)

Updates: <http://github.com/RedBearAK/optspecialchars>

Shift keys row + Option:

z x c v b n m , . /
Ω ≈ ç √ ∫ (~) μ ≤ ≥ ÷

↵

z

x

c

v

b

n

m

,

.

/

↵

↵

Ω

≈

ç

√

∫

~

μ

≤

≥

÷

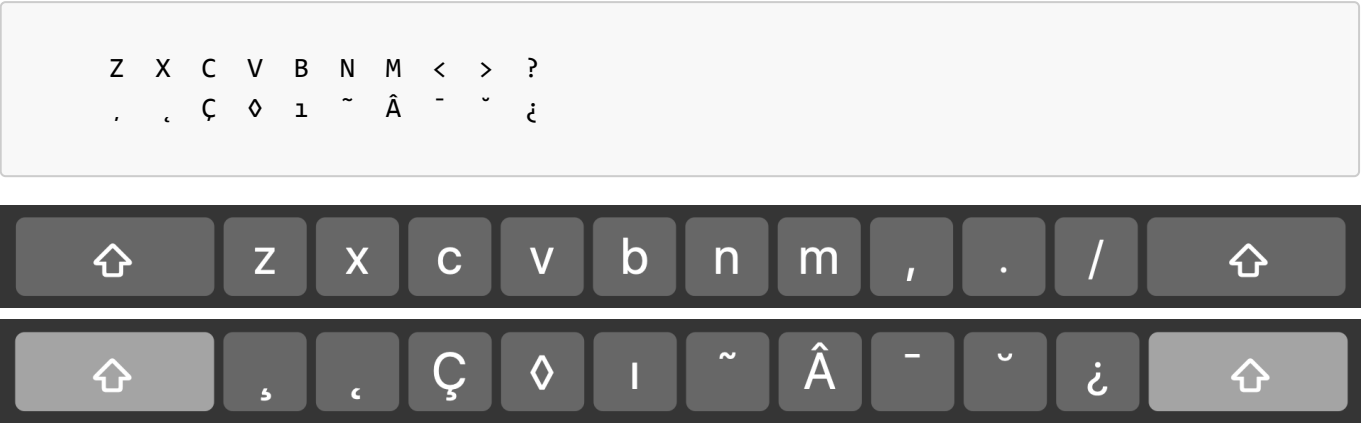
↵

Key	Description	Unicode	Alt Code
Opt+Z	Greek Capital Letter Omega	{U+03A9}	(Alt+234)
Opt+X	Almost Equal To symbol	{U+2248}	(Alt+247)
Opt+C	Small Letter c with Cedilla	{U+00E7}	(Alt+130)
Opt+V	Square Root radical sign	{U+221A}	(Alt+251)
Opt+B	Integral mathematical symbol	{U+222B}	(No Alt Code)
Opt+N	Dead Keys Tilde accent (combining)	[Note 5]	
Opt+M	Micro (mu) symbol	{U+00B5}	(Alt+230)
Opt+,	Less Than or Equal To symbol	{U+2264}	(Alt+243)
Opt+.	Greater Than or Equal To symbol	{U+2265}	(Alt+242)
Opt+/,	Obelus/Division symbol	{U+00F7}	(Alt+246)

[Note 5] Option+n (Tilde) accented characters:
 ã õ ñ ã õ ñ

Updates: <http://github.com/RedBearAK/optspecialchars>

Shift keys row + Option + Shift:



Key	Description	Unicode	Alt Code
⇧ +Opt+Z	Spacing Cedilla diacritic (non-combining)	{U+00B8}	(Alt+0184)
⇧ +Opt+X	Ogonek diacritic (non-combining)	{U+02DB}	(No Alt Code)
⇧ +Opt+C	Capital Letter C with Cedilla	{U+00C7}	(Alt+128)
⇧ +Opt+V	Lozenge (diamond) shape symbol	{U+25CA}	(No Alt Code)
⇧ +Opt+B	Latin Small Letter Dotless i	{U+0131}	(No Alt Code)
⇧ +Opt+N	Small Tilde character	{U+02DC}	(Alt+0152)
⇧ +Opt+M	Latin Capital Letter a with Circumflex	{U+00C2}	(Alt+0194)
⇧ +Opt+,	Macron/overline/overbar (non-combining)	{U+00AF}	(Alt+0175)
⇧ +Opt+.	Breve diacritic (non-combining)	{U+02D8}	(No Alt Code)
⇧ +Opt+/,	Inverted Question mark	{U+00BF}	(Alt+168)

Revision date: 2022-06-13

§ End of Document