List of Keycodes

This is the reference page for keycodes used by behaviors. Use the table of contents (on the right or the top) for easy navigation.

> ⚠ **WARNING**
>
> Take extra notice of the spelling of the keycodes, especially the shorthand spelling. Otherwise, it will result in an elusive parsing error!

> ⓘ **KEYBOARD VS. CONSUMER KEYCODES**
>
> In the below tables, there are keycode pairs with similar names where one variant has a `K_` prefix and another `C_`. These variants correspond to similarly named usages from different HID usage pages, namely the "keyboard/keypad" and "consumer" ones respectively.
>
> In practice, some OS and applications might listen to only one of the variants. You can use the values in the compatibility columns below to assist you in selecting which one to use.

Keyboard

Letters

Names	Description	↗	W	L	A	m	i
A	a and A	↗	⭐	⭐	⭐	⭐	⭐
B	b and B	↗	⭐	⭐	⭐	⭐	⭐
C	c and C	↗	⭐	⭐	⭐	⭐	⭐
D	d and D	↗	⭐	⭐	⭐	⭐	⭐

			W	L	A	m	i
E	e and E	⧉	⭐	⭐	⭐	⭐	⭐
F	f and F	⧉	⭐	⭐	⭐	⭐	⭐
G	g and G	⧉	⭐	⭐	⭐	⭐	⭐
H	h and H	⧉	⭐	⭐	⭐	⭐	⭐
I	i and I	⧉	⭐	⭐	⭐	⭐	⭐
J	j and J	⧉	⭐	⭐	⭐	⭐	⭐
K	k and K	⧉	⭐	⭐	⭐	⭐	⭐
L	l and L	⧉	⭐	⭐	⭐	⭐	⭐
M	m and M	⧉	⭐	⭐	⭐	⭐	⭐
N	n and N	⧉	⭐	⭐	⭐	⭐	⭐
O	o and O	⧉	⭐	⭐	⭐	⭐	⭐
P	p and P	⧉	⭐	⭐	⭐	⭐	⭐
Q	q and Q	⧉	⭐	⭐	⭐	⭐	⭐
R	r and R	⧉	⭐	⭐	⭐	⭐	⭐
S	s and S	⧉	⭐	⭐	⭐	⭐	⭐
T	t and T	⧉	⭐	⭐	⭐	⭐	⭐
U	u and U	⧉	⭐	⭐	⭐	⭐	⭐
V	v and V	⧉	⭐	⭐	⭐	⭐	⭐
W	w and W	⧉	⭐	⭐	⭐	⭐	⭐
X	x and X	⧉	⭐	⭐	⭐	⭐	⭐
Y	y and Y	⧉	⭐	⭐	⭐	⭐	⭐
Z	z and Z	⧉	⭐	⭐	⭐	⭐	⭐

Numbers

Names	Description	⧉	W	L	A	m	i
NUMBER_1 N1	1 and ! EXCLAMATION	⧉	⭐	⭐	⭐	⭐	⭐

Names	Description		W	L	A	m	i
NUMBER_2 N2	2 and @ AT SIGN	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_3 N3	3 and # HASH / POUND	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_4 N4	4 and $ DOLLAR	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_5 N5	5 and % PERCENT	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_6 N6	6 and ^ CARET	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_7 N7	7 and & AMPERSAND	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_8 N8	8 and * ASTERISK / STAR	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_9 N9	9 and (LEFT PARENTHESIS	⬈	⭐	⭐	⭐	⭐	⭐
NUMBER_0 N0	0 and) RIGHT PARENTHESIS	⬈	⭐	⭐	⭐	⭐	⭐

Symbols / Punctuation

Names	Description	⬈	W	L	A	m	i
EXCLAMATION EXCL	! EXCLAMATION	⬈	⭐	⭐	⭐	⭐	⭐
AT_SIGN AT	@ AT SIGN	⬈	⭐	⭐	⭐	⭐	⭐
HASH POUND	# HASH / POUND	⬈	⭐	⭐	⭐	⭐	⭐
DOLLAR							

W : Windows	L : Linux	A : Android	m : macOS	i : iOS

| PERCENT | | | | | | | |

Code	Symbol		⭐	⭐	⭐	⭐	⭐
`PRCNT`	`%` PERCENT	↗	⭐	⭐	⭐	⭐	⭐
`CARET`	`^` CARET	↗	⭐	⭐	⭐	⭐	⭐
`AMPERSAND` `AMPS`	`&` AMPERSAND	↗	⭐	⭐	⭐	⭐	⭐

`ASTERISK`
`ASTRK`
`STAR`
	`*`
	ASTERISK / STAR
		↗	⭐	⭐	⭐	⭐	⭐

`LEFT_PARENTHESIS` `LPAR`	`(` LEFT PARENTHESIS	↗	⭐	⭐	⭐	⭐	⭐
`RIGHT_PARENTHESIS` `RPAR`	`)` RIGHT PARENTHESIS	↗	⭐	⭐	⭐	⭐	⭐
`EQUAL`	`=` and `+` EQUAL PLUS	↗	⭐	⭐	⭐	⭐	⭐
`PLUS`	`+` PLUS	↗	⭐	⭐	⭐	⭐	⭐
`MINUS`	`-` and `_` MINUS UNDERSCORE	↗	⭐	⭐	⭐	⭐	⭐
`UNDERSCORE` `UNDER`	`_` UNDERSCORE	↗	⭐	⭐	⭐	⭐	⭐
`SLASH` `FSLH`	`/` and `?` FORWARD SLASH QUESTION MARK	↗	⭐	⭐	⭐	⭐	⭐
`QUESTION` `QMARK`	`?` QUESTION MARK	↗	⭐	⭐	⭐	⭐	⭐
`BACKSLASH` `BSLH`	`\` and `|` BACKSLASH PIPE	↗	⭐	⭐	⭐	⭐	⭐
`PIPE`	`|` PIPE	↗	⭐	⭐	⭐	⭐	⭐

`NON_US_BACKSLASH`
`NON_US_BSLH`
`NUBS`
	Non-US `\` and `|`
	BACKSLASH PIPE
		↗	⭐	⭐	⭐	⭐	⭐

`PIPE2`	| PIPE	⤤	⭐	⭐	⭐	⭐	⭐
`SEMICOLON` `SEMI`	; and : SEMICOLON COLON	⤤	⭐	⭐	⭐	⭐	⭐
`COLON`	: COLON	⤤	⭐	⭐	⭐	⭐	⭐

`SINGLE_QUOTE`
`SQT`
`APOSTROPHE`
`APOS`
	' and "
	APOSTROPHE QUOTE (DOUBLE)
		⤤	⭐	⭐	⭐	⭐	⭐

`DOUBLE_QUOTES` `DQT`	" QUOTE (DOUBLE)	⤤	⭐	⭐	⭐	⭐	⭐
`COMMA`	, and < COMMA LESS THAN	⤤	⭐	⭐	⭐	⭐	⭐
`LESS_THAN` `LT`	< LESS THAN	⤤	⭐	⭐	⭐	⭐	⭐
`PERIOD` `DOT`	. and > PERIOD GREATER THAN	⤤	⭐	⭐	⭐	⭐	⭐
`GREATER_THAN` `GT`	> GREATER THAN	⤤	⭐	⭐	⭐	⭐	⭐
`LEFT_BRACKET` `LBKT`	[and { LEFT BRACKET LEFT BRACE	⤤	⭐	⭐	⭐	⭐	⭐
`LEFT_BRACE` `LBRC`	{ LEFT BRACE	⤤	⭐	⭐	⭐	⭐	⭐
`RIGHT_BRACKET` `RBKT`	] and } RIGHT BRACKET RIGHT BRACE	⤤	⭐	⭐	⭐	⭐	⭐
`RIGHT_BRACE` `RBRC`	} RIGHT BRACE	⤤	⭐	⭐	⭐	⭐	⭐
`GRAVE`	` and ~ GRAVE ACCENT TILDE	⤤	⭐	⭐	⭐	⭐	⭐
`TILDE`	~ TILDE	⤤	⭐	⭐	⭐	⭐	⭐

Names	Description		W	L	A	m	i
NON_US_HASH / NUHS	Non-US # HASH/POUND and ~ TILDE	↗	⭐	⭐	⭐	⭐	⭐
TILDE2	~ TILDE	↗	⭐	⭐	⭐	⭐	⭐

Control & Whitespace

Names	Description	↗	W	L	A	m	i
ESCAPE / ESC	Escape	↗	⭐	⭐	⭐	⭐	⭐
RETURN / ENTER / RET	Return (Enter)	↗	⭐	⭐	⭐	⭐	⭐
RETURN2 / RET2	Return	↗	❌	❌	❌	?	?
SPACE	Space	↗	⭐	⭐	⭐	⭐	⭐
TAB	Tab	↗	⭐	⭐	⭐	⭐	⭐
BACKSPACE / BSPC	Backspace	↗	⭐	⭐	⭐	⭐	⭐
DELETE / DEL	Delete	↗	⭐	⭐	⭐	⭐	⭐
INSERT / INS	Insert	↗	⭐	⭐	⭐	⭐	⭐

Navigation

Names	Description	↗	W	L	A	m	i
HOME	Home	↗	⭐	⭐	⭐	⭐	⭐
END	End	↗	⭐	⭐	⭐	⭐	⭐
PAGE_UP / PG_UP	Page Up	↗	⭐	⭐	⭐	⭐	⭐
PAGE DOWN							

Names	Description		W	L	A	m	i
PG_DN	Page Down	↗	⭐	⭐	⭐	⭐	⭐
UP_ARROW / UP	↑ UP ARROW	↗	⭐	⭐	⭐	⭐	⭐
DOWN_ARROW / DOWN	↓ DOWN ARROW	↗	⭐	⭐	⭐	⭐	⭐
LEFT_ARROW / LEFT	← LEFT ARROW	↗	⭐	⭐	⭐	⭐	⭐
RIGHT_ARROW / RIGHT	→ RIGHT ARROW	↗	⭐	⭐	⭐	⭐	⭐
K_APPLICATION / K_APP / K_CONTEXT_MENU / K_CMENU	Application (Context Menu)	↗	⭐	⭐	⭐	⭐	⭐[1]

Notes: [1] Key press is registered, but has no visible effect in tested apps (Gmail, Safari, Notes) iPhone 6 / iOS 12.4.6

Locks

Names	Description	↗	W	L	A	m	i
CAPSLOCK / CAPS / CLCK	Caps Lock	↗	⭐	⭐	⭐	⭐	⭐
LOCKING_CAPS / LCAPS	Locking Caps Lock	↗	❌	❌	❌	❓	❓
SCROLLLOCK / SLCK	Scroll Lock	↗	⭐	⭐	⭐	⭐	⭐
LOCKING_SCROLL / LSLCK	Locking Scroll Lock	↗	⭐	❌	❌	❓	❓
LOCKING_NUM / LNLCK	Locking Num Lock	↗	❓	❌	❌	❓	❓

F Keys

Names	Description	⬀	W	L	A	m	i
F1	F1	⬀	⭐	⭐	⭐	⭐	⭐
F2	F2	⬀	⭐	⭐	⭐	⭐	⭐
F3	F3	⬀	⭐	⭐	⭐	⭐	⭐
F4	F4	⬀	⭐	⭐	⭐	⭐	⭐
F5	F5	⬀	⭐	⭐	⭐	⭐	⭐
F6	F6	⬀	⭐	⭐	⭐	⭐	⭐
F7	F7	⬀	⭐	⭐	⭐	⭐	⭐
F8	F8	⬀	⭐	⭐	⭐	⭐	⭐
F9	F9	⬀	⭐	⭐	⭐	⭐	⭐
F10	F10	⬀	⭐	⭐	⭐	⭐	⭐
F11	F11	⬀	⭐	⭐	⭐	⭐	⭐
F12	F12	⬀	⭐	⭐	⭐	⭐	⭐
F13	F13	⬀	⭐	⭐	❌	⭐	⭐
F14	F14	⬀	⭐	⭐	❌	⭐	⭐
F15	F15	⬀	⭐	⭐	❌	⭐	⭐
F16	F16	⬀	⭐	⭐	❌	⭐	⭐
F17	F17	⬀	⭐	⭐	❌	⭐	⭐
F18	F18	⬀	⭐	⭐	❌	⭐	⭐
F19	F19	⬀	⭐	⭐	❌	⭐	⭐
F20	F20	⬀	⭐	⭐	❌	⭐	⭐
F21	F21	⬀	⭐	⭐	❌	⭐	⭐
F22	F22	⬀	⭐	⭐	❌	⭐	⭐
F23	F23	⬀	⭐	⭐	❌	⭐	⭐
F24	F24	⬀	⭐	⭐	❌	⭐	⭐

International

Names	Description	↗	W	L	A	m	i
`INTERNATIONAL_1` `INT1` `INT_RO`	ろ (International 1)	↗	❌	⭐	❌	？	？
`INTERNATIONAL_2` `INT2` `INT_KATAKANAHIRAGANA` `INT_KANA`	かな (International 2)	↗	❌	⭐	❌	？	？
`INTERNATIONAL_3` `INT3` `INT_YEN`	¥ (International 3)	↗	❌	⭐	❌	？	？
`INTERNATIONAL_4` `INT4` `INT_HENKAN`	変換 (International 4)	↗	❌	⭐	❌	？	？
`INTERNATIONAL_5` `INT5` `INT_MUHENKAN`	無変換 (International 5)	↗	❌	⭐	❌	？	？
`INTERNATIONAL_6` `INT6` `INT_KPJPCOMMA`	，(International 6) カンマ	↗	❌	⭐	❌	？	？
`INTERNATIONAL_7` `INT7`	International 7	↗	？	❌	❌	？	？
`INTERNATIONAL_8` `INT8`	International 8	↗	？	❌	❌	？	？
`INTERNATIONAL_9` `INT9`	International 9	↗	？	❌	❌	？	？

Language

Names	Description	↗	W	L	A	m	i

Names	Description	⧉	W	L	A	m	i
`LANGUAGE_1` `LANG1` `LANG_HANGEUL`	한/영 (Language 1)	⧉	⭐	⭐	❌	?	?
`LANGUAGE_2` `LANG2` `LANG_HANJA`	한자 (Language 2)	⧉	⭐	⭐	❌	?	?
`LANGUAGE_3` `LANG3` `LANG_KATAKANA`	カタカナ (Language 3)	⧉	❌	⭐	❌	?	?
`LANGUAGE_4` `LANG4` `LANG_HIRAGANA`	ひらがな (Language 4)	⧉	❌	⭐	❌	?	?
`LANGUAGE_5` `LANG5` `LANG_ZENKAKUHANKAKU`	半角/全角 (Language 5)	⧉	❌	⭐	❌	?	?
`LANGUAGE_6` `LANG6`	Language 6	⧉	?	❌	❌	?	?
`LANGUAGE_7` `LANG7`	Language 7	⧉	?	❌	❌	?	?
`LANGUAGE_8` `LANG8`	Language 8	⧉	?	❌	❌	?	?
`LANGUAGE_9` `LANG9`	Language 9	⧉	?	❌	❌	?	?

Miscellaneous

Names	Description	⧉	W	L	A	m	i
`PRINTSCREEN` `PSCRN`	Print Screen	⧉	⭐	⭐	⭐	⭐	⭐
`PAUSE_BREAK`	Pause / Break	⧉	⭐	⭐	⭐	⭐	⭐
`ALT_ERASE`	Alternate Erase	⧉	?	❌	❌	?	?
`SYSREQ`							

Names	Description		W	L	A	m	i
ATTENTION	SysReq / Attention	🔗	?	✗	✗	?	?
K_CANCEL	Cancel (Keyboard)	🔗	?	✗	✗	?	?
CLEAR	Clear	🔗	?	⭐	✗	?	?
CLEAR_AGAIN	Clear / Again	🔗	?	✗	✗	?	?
CRSEL	CrSel / Props	🔗	?	✗	✗	?	?
PRIOR	Prior	🔗	?	✗	✗	?	?
SEPARATOR	Separator	🔗	?	✗	✗	?	?
OUT	Out	🔗	?	✗	✗	?	?
OPER	Oper	🔗	?	✗	✗	?	?
EXSEL	ExSel	🔗	?	✗	✗	?	?
K_EDIT	Edit (Keyboard)	🔗	?	⭐	✗	✗	✗

Modifiers

The Modifiers page includes further information.

Names	Description	🔗	W	L	A	m	i
LEFT_SHIFT LSHIFT LSHFT LS(code)	Left Shift ⇧	🔗	⭐	⭐	⭐	⭐	⭐
RIGHT_SHIFT RSHIFT RSHFT RS(code)	Right Shift ⇧	🔗	⭐	⭐	⭐	⭐	⭐
LEFT_CONTROL LCTRL LC(code)	Left Control	🔗	⭐	⭐	⭐	⭐	⭐
RIGHT_CONTROL RCTRL	Right Control	🔗	⭐	⭐	⭐	⭐	⭐

Names	Description		W	L	A	m	i
`RC(code)`							
`LEFT_ALT` `LALT` `LA(code)`	Left Alt	⬏	⭐	⭐	⭐	⭐	⭐
`RIGHT_ALT` `RALT` `RA(code)`	Right Alt	⬏	⭐	⭐	⭐	⭐	⭐
`LEFT_GUI` `LGUI` `LG(code)` `LEFT_WIN` `LWIN` `LEFT_COMMAND` `LCMD` `LEFT_META` `LMETA`	Left GUI (Windows / Command / Meta)	⬏	⭐	⭐	⭐	⭐	⭐
`RIGHT_GUI` `RGUI` `RG(code)` `RIGHT_WIN` `RWIN` `RIGHT_COMMAND` `RCMD` `RIGHT_META` `RMETA`	Right GUI (Windows / Command / Meta)	⬏	⭐	⭐	⭐	⭐	⭐

Keypad

Names	Description	⬏	W	L	A	m	i
`KP_NUMLOCK` `KP_NUM` `KP_NLCK`	Numlock and Clear	⬏	⭐	⭐	⭐	?	?
KP_CLEAR		⬏	⭐	⭐	⭐		

KP_CLEAR	Clear	⤴	?	⭐	❌	❌	❌
CLEAR2	Clear	⤴	?	⭐	⭐	?	?
KP_ENTER	Enter	⤴	⭐	⭐	⭐	⭐	⭐

Numbers

Names	Description	⤴	W	L	A	m	i
KP_NUMBER_1 KP_N1	Keypad 1 and End	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_2 KP_N2	Keypad 2 and Down Arrow	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_3 KP_N3	Keypad 3 and Page Down	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_4 KP_N4	Keypad 4 and Left Arrow	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_5 KP_N5	Keypad 5	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_6 KP_N6	Keypad 6 and Right Arrow	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_7 KP_N7	Keypad 7 and Home	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_8 KP_N8	Keypad 8 and Up Arrow	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_9 KP_N9	Keypad 9 and Page Up	⤴	⭐	⭐	⭐	⭐	⭐
KP_NUMBER_0 KP_N0	Keypad 0 and Insert	⤴	⭐	⭐	⭐	⭐	⭐

Symbols / Operations

Names	Description	⤴	W	L	A	m	i

Names	Description		W	L	A	m	i
`KP_PLUS`	`+` PLUS	🡥	⭐	⭐	⭐	⭐	⭐
`KP_MINUS` `KP_SUBTRACT`	`−` MINUS	🡥	⭐	⭐	⭐	⭐	⭐
`KP_MULTIPLY` `KP_ASTERISK`	`*` MULTIPLY	🡥	⭐	⭐	⭐	⭐	⭐
`KP_DIVIDE` `KP_SLASH`	`/` DIVIDE	🡥	⭐	⭐	⭐	⭐	⭐
`KP_EQUAL`	`=` EQUAL	🡥	❌	⭐	⭐	？	⭐
`KP_EQUAL_AS400`	`=` (AS/400 keyboards) EQUAL	🡥	❌	❌	❌	？	？
`KP_DOT`	`.` and Delete DOT	🡥	⭐	⭐	⭐	⭐	⭐
`KP_COMMA`	`,` COMMA	🡥	❌	⭐	⭐	？	？
`KP_LEFT_PARENTHESIS` `KP_LPAR`	`(` LEFT PARENTHESIS	🡥	❌	⭐	⭐	❌	❌
`KP_RIGHT_PARENTHESIS` `KP_RPAR`	`)` RIGHT PARENTHESIS	🡥	❌	⭐	⭐	❌	❌

Editing

Cut, Copy, Paste

Names	Description	🡥	W	L	A	m	i
`C_AC_CUT`	Cut (Consumer AC)	🡥	❌	⭐	❌	❌	？
`K_CUT`	Cut (Keyboard)	🡥	❌	⭐	❌	⭐1	？
`C_AC_COPY`	Copy (Consumer AC)	🡥	❌	⭐	❌	❌	？
`K_COPY`	Copy (Keyboard)	🡥	❌	⭐	❌	⭐1	？
`C_AC_PASTE`	Paste (Consumer AC)	🡥	❌	⭐	❌	❌	？

Names	Description	⧉	W	L	A	m	i
K_PASTE	Paste (Keyboard)	⧉	❌	⭐	❌	⭐[1]	?

Notes: [1] On macOS, K_CUT, K_COPY, and K_PASTE are recognized as key presses, but do nothing by default.

Undo, Redo

Names	Description	⧉	W	L	A	m	i
C_AC_UNDO	Undo (Consumer AC)	⧉	❌	⭐	❌	❌	?
K_UNDO	Undo (Keyboard)	⧉	❌	⭐	❌	⭐[1]	?
C_AC_REDO	Redo / Repeat (Consumer AC)	⧉	❌	⭐	❌	❌	?
K_AGAIN K_REDO	Again (Keyboard)	⧉	❌	⭐	❌	⭐[1]	?

Notes: [1] On macOS, K_CUT, K_COPY, and K_PASTE are recognized as key presses, but do nothing by default.

Media

Sound / Volume

Names	Description	⧉	W	L	A	m	i
C_VOLUME_UP C_VOL_UP	Volume Up (Consumer)	⧉	⭐	⭐	⭐	⭐	⭐
K_VOLUME_UP K_VOL_UP	Volume Up (Keyboard)	⧉	❌	⭐	⭐	⭐	?
K_VOLUME_UP2 K_VOL_UP2	Volume Up (Keyboard)	⧉	❌	⭐	⭐	❌	❌
C_VOLUME_DOWN C_VOL_DN	Volume Down (Consumer)	⧉	⭐	⭐	⭐	⭐	⭐
K_VOLUME_DOWN K_VOL_DN	Volume Down (Keyboard)	⧉	❌	⭐	⭐	⭐	?
K_VOLUME_DOWN2 K_VOL_DN2	Volume Down (Keyboard)	⧉	❌	⭐	⭐	❌	❌

Names	Description		W	L	A	m	i
`C_MUTE`	Mute (Consumer)	⧉	⭐	⭐	⭐	⭐	⭐
`K_MUTE`	Mute (Keyboard)	⧉	❌	⭐	⭐	⭐	❔
`K_MUTE2`	Mute (Keyboard)	⧉	❌	⭐	⭐	❌	❌
`C_ALTERNATE_AUDIO_INCREMENT` `C_ALT_AUDIO_INC`	Alternate Audio Increment (Consumer)	⧉	❔	❌	⭐	❔	❔
`C_BASS_BOOST`	Bass Boost (Consumer)	⧉	❌	⭐	❌	❔	❔

Display

Names	Description	⧉	W	L	A	m	i
`C_BRIGHTNESS_INC` `C_BRI_INC` `C_BRI_UP`	Increase Brightness (Consumer)	⧉	⭐	⭐	⭐	⭐	⭐
`C_BRIGHTNESS_DEC` `C_BRI_DEC` `C_BRI_DN`	Decrease Brightness (Consumer)	⧉	⭐	⭐	⭐	⭐	⭐
`C_BRIGHTNESS_MINIMUM` `C_BRI_MIN`	Minimum Brightness (Consumer)	⧉	❌	⭐	❌	❔	❔
`C_BRIGHTNESS_MAXIMUM` `C_BRI_MAX`	Maximum Brightness (Consumer)	⧉	❌	⭐	❌	❔	❔
`C_BRIGHTNESS_AUTO` `C_BRI_AUTO`	Auto Brightness (Consumer)	⧉	❌	⭐	❌	❔	❔
`C_BACKLIGHT_TOGGLE` `C_BKLT_TOG`	Backlight Toggle (Consumer)	⧉	❌	⭐	❌	❔	❔
`C_ASPECT`	Aspect (Consumer)	⧉	❌	⭐	❌	❔	❔
`C_PIP`	Picture-in-Picture Toggle (Consumer)	⧉	❌	❌	⭐	❔	❔

Media Controls

Names	Description	⧉	W	L	A	m	i
`C_RECORD`							

Keycode	Description						
C_REC	Record (Consumer)	🔗	❌	⭐	⭐	❔	❔
C_PLAY	Play (Consumer)	🔗	⭐	⭐	⭐	❔	❔
C_PLAY_PAUSE / C_PP	Play / Pause (Consumer)	🔗	⭐	⭐	⭐	⭐	⭐
K_PLAY_PAUSE / K_PP	Play / Pause (Keyboard)	🔗	❌	⭐	⭐	❌	❌
C_PAUSE	Pause (Consumer)	🔗	⭐	⭐	⭐	❔	❔
C_STOP	Stop (Consumer)	🔗	❌	⭐	⭐	❔	❔
K_STOP2	Stop (Keyboard)	🔗	❌	⭐	⭐	❌	❌
K_STOP3	Stop (Keyboard)	🔗	❌	⭐	⭐	❌	❌
C_STOP_EJECT	Stop / Eject (Consumer)	🔗	❔	❌	❌	❔	❔
C_EJECT	Eject (Consumer)	🔗	❔	⭐	⭐	❔	❔
K_EJECT	Eject (Keyboard)	🔗	❔	⭐	⭐	❌	❌
C_NEXT	Next (Consumer)	🔗	⭐	⭐	⭐	⭐	⭐
K_NEXT	Next (Keyboard)	🔗	❌	⭐	⭐	❌	❌
C_PREVIOUS / C_PREV	Previous (Consumer)	🔗	⭐	⭐	⭐	⭐	⭐
K_PREVIOUS / K_PREV	Previous (Keyboard)	🔗	❌	⭐	⭐	❌	❌
C_FAST_FORWARD / C_FF	Fast Forward (Consumer)	🔗	⭐	⭐	⭐	❔	❔
C_REWIND / C_RW	Rewind (Consumer)	🔗	⭐	⭐	⭐	❔	❔
C_SLOW	Slow (Consumer)	🔗	❌	⭐	❌	❔	❔
C_SLOW_TRACKING / C_SLOW2	Slow Tracking (Consumer)	🔗	❌	⭐	❌	❔	❔
C_REPEAT	Repeat (Consumer)	🔗	❌	⭐	❌	❔	❔
C_RANDOM_PLAY / C_SHUFFLE	Random Play (Consumer)	🔗	❌	⭐	❌	❔	❔

			W	L	A	m	i
`C_CAPTIONS` `C_SUBTITLES`	Closed Caption (Consumer)	↗	❌	⭐	⭐	?	?
`C_DATA_ON_SCREEN`	Data On Screen (Consumer)	↗	?	⭐	?	?	?
`C_SNAPSHOT`	Snapshot (Consumer)	↗	❌	⭐	⭐	?	?

Consumer Menus

Names	Description	↗	W	L	A	m	i
`C_MENU`	Menu (Consumer Menu)	↗	?	⭐	⭐	?	?
`C_MENU_PICK` `C_MENU_SELECT`	Pick (Consumer Menu)	↗	?	⭐	❌	?	?
`C_MENU_UP`	Up (Consumer Menu)	↗	?	⭐	❌	?	?
`C_MENU_DOWN`	Down (Consumer Menu)	↗	?	⭐	❌	?	?
`C_MENU_LEFT`	Left (Consumer Menu)	↗	?	⭐	❌	?	?
`C_MENU_RIGHT`	Right (Consumer Menu)	↗	?	⭐	❌	?	?
`C_MENU_ESCAPE` `C_MENU_ESC`	Escape (Consumer Menu)	↗	?	⭐	❌	?	?
`C_MENU_INCREASE` `C_MENU_INC`	Value Increase (Consumer Menu)	↗	?	⭐	❌	?	?
`C_MENU_DECREASE` `C_MENU_DEC`	Value Decrease (Consumer Menu)	↗	?	⭐	❌	?	?
`C_RED_BUTTON` `C_RED`	Red Button (Consumer Menu)	↗	?	⭐	⭐	?	?
`C_GREEN_BUTTON` `C_GREEN`	Green Button (Consumer Menu)	↗	?	⭐	⭐	?	?
`C_BLUE_BUTTON` `C_BLUE`	Blue Button (Consumer Menu)	↗	?	⭐	⭐	?	?
`C_YELLOW_BUTTON` `C_YELLOW`	Yellow Button (Consumer Menu)	↗	?	⭐	⭐	?	?

Consumer Controls

Names	Description	⤴	W	L	A	m	i
`C_CHANNEL_INC` `C_CHAN_INC`	Channel Increment (Consumer)	⤴	?	⭐	⭐	?	?
`C_CHANNEL_DEC` `C_CHAN_DEC`	Channel Decrement (Consumer)	⤴	?	⭐	⭐	?	?
`C_RECALL_LAST` `C_CHAN_LAST`	Recall Last (Consumer)	⤴	?	⭐	⭐	?	?
`C_MEDIA_VCR_PLUS`	VCR Plus (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_GUIDE`	Program Guide (Consumer Media)	⤴	?	⭐	⭐	?	?
`C_MEDIA_STEP` `C_MODE_STEP`	Mode Step (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_HOME`	Home (Consumer Media)	⤴	?	⭐	⭐	?	?
`C_MEDIA_TV`	TV (Consumer Media)	⤴	?	⭐	⭐	?	?
`C_MEDIA_CABLE`	Cable (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_TUNER`	Tuner (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_DVD`	DVD (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_CD`	CD (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_SATELLITE`	Satellite (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_VCR`	VCR (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_TAPE`	Tape (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_COMPUTER`	Computer (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_WWW`	WWW (Consumer Media)	⤴	?	⭐	⭐	?	?
`C_MEDIA_GAMES`	Games (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_PHONE`	Telephone (Consumer Media)	⤴	?	⭐	⭐	?	?
`C_MEDIA_VIDEOPHONE`	Video Phone (Consumer Media)	⤴	?	⭐	❌	?	?
`C_MEDIA_MESSAGES`	Messages (Consumer Media)	⤴	?	⭐	❌	?	?
`C_QUIT`	Quit (Consumer)	⤴	?	⭐	❌	?	?

| C_HELP | Help (Consumer) | ⧉ | ？ | ⭐ | ❌ | ？ | ？ |

Applications

Application Controls

Names	Description	⧉	W	L	A	m	i
K_MENU	Menu (Keyboard)	⧉	？	⭐	❌	？	？
C_AC_PROPERTIES C_AC_PROPS	Properties (Consumer AC)	⧉	？	⭐	❌	？	？
K_SELECT	Select (Keyboard)	⧉	？	⭐	❌	？	？
C_AC_CANCEL	Cancel (Consumer AC)	⧉	？	⭐	❌	？	？
K_EXECUTE K_EXEC	Execute (Keyboard)	⧉	？	⭐	❌	？	？
C_AC_REFRESH	Refresh (Consumer AC)	⧉	？	⭐	❌	？	？
K_REFRESH	Refresh (Keyboard)	⧉	？	⭐	❌	❌	❌
C_AC_STOP	Stop (Consumer AC)	⧉	？	⭐	⭐	？	？
K_STOP	Stop (Keyboard)	⧉	？	⭐	⭐	？	？
C_AC_FORWARD	Forward (Consumer AC)	⧉	？	⭐	⭐	？	？
K_FORWARD	Forward (Keyboard)	⧉	？	⭐	⭐	❌	❌
C_AC_BACK	Back (Consumer AC)	⧉	？	⭐	⭐	？	？
K_BACK	Back (Keyboard)	⧉	？	⭐	⭐	❌	❌
C_AC_HOME	Home (Consumer AC)	⧉	？	⭐	⭐	？	？
C_AC_BOOKMARKS C_AC_FAVORITES C_AC_FAVOURITES	Bookmarks (Consumer AC)	⧉	？	⭐	⭐	？	？
C_AC_NEW	New (Consumer AC)	⧉	？	⭐	❌	？	？
C_AC_OPEN	Open (Consumer AC)	⧉	？	⭐	❌	？	？

Code	Name						
C_AC_SAVE	Save (Consumer AC)	⧉	?	★	✖	?	?
C_AC_CLOSE	Close (Consumer AC)	⧉	?	★	✖	?	?
C_AC_EXIT	Exit (Consumer AC)	⧉	?	★	✖	?	?
C_AC_PRINT	Print (Consumer AC)	⧉	?	★	✖	?	?
C_AC_FIND	Find (Consumer AC)	⧉	?	★	✖	?	?
K_FIND	Find (Keyboard)	⧉	?	★	✖	?	?
K_FIND2	Find (Keyboard)	⧉	?	★	✖	✖	✖
C_AC_SEARCH	Search (Consumer AC)	⧉	?	★	★	★	?
C_AC_GOTO	Go To (Consumer AC)	⧉	?	★	✖	?	?
C_AC_ZOOM	Zoom (Consumer AC)	⧉	?	★	✖	?	?
C_AC_ZOOM_IN	Zoom In (Consumer AC)	⧉	?	★	✖	?	?
C_AC_ZOOM_OUT	Zoom Out (Consumer AC)	⧉	?	★	✖	?	?
C_AC_SCROLL_UP	Scroll Up (Consumer AC)	⧉	?	★	★	?	?
K_SCROLL_UP	Scroll Up (Keyboard)	⧉	?	★	★	✖	✖
C_AC_SCROLL_DOWN	Scroll Down (Consumer AC)	⧉	?	★	★	?	?
K_SCROLL_DOWN	Scroll Down (Keyboard)	⧉	?	★	★	✖	✖
C_AC_REPLY	Reply (Consumer AC)	⧉	?	★	✖	?	?
C_AC_FORWARD_MAIL	Forward (Consumer AC)	⧉	?	★	✖	?	?
C_AC_SEND	Send (Consumer AC)	⧉	?	★	✖	?	?
C_AC_EDIT	Edit (Consumer AC)	⧉	?	★	✖	?	?
C_AC_INSERT C_AC_INS	Insert Mode (Consumer AC)	⧉	?	★	✖	?	?
C_AC_DEL	Delete (Consumer AC)	⧉	?	★	✖	?	?
C_AC_VIEW_TOGGLE	View Toggle (Consumer AC)	⧉	?	★	✖	?	?
C_AC_DESKTOP_SHOW_ALL_WINDOWS	Desktop Show All Windows (Consumer AC)	⧉	?	★	?	★	?
C_AC_DESKTOP_SHOW_ALL_APPLICATIONS	Desktop Show All Applications (Consumer AC)	⧉	?	★	?	★	?
C_VOICE_COMMAND	Voice Command (Consumer)	⧉	?	★	?	?	?

| C_AC_NEXT_KEYBOARD_LAYOUT_SELECT GLOBE | AC Next Keyboard Layout Select (Apple Globe) (Consumer AC) | ⬀ | ? | ? | ? | ⭐1 | ⭐ |

Notes: [1] Does not exactly replicate original key behavior on macOS, works for Globe+key modifiers but not Fn+key ([#1938](#)).

Applications (Launch)

Names	Description	⬀	W	L	A	m	i
C_AL_NEXT_TASK	Next Task / Application (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_PREVIOUS_TASK C_AL_PREV_TASK	Previous Task / Application (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_SELECT_TASK	Select Task / Application (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_MY_COMPUTER	Local Machine Browser (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_DOCUMENTS C_AL_DOCS	Documents (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_FILE_BROWSER C_AL_FILES	File Browser (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_WWW	Internet Browser (Consumer AL)	⬀	?	⭐	⭐	?	?
K_WWW	Internet Browser (Keyboard)	⬀	?	⭐	⭐	❌	❌
C_AL_EMAIL C_AL_MAIL	Email Reader (Consumer AL)	⬀	?	⭐	⭐	?	?
C_AL_INSTANT_MESSAGING C_AL_IM	Instant Messaging (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_NETWORK_CHAT C_AL_CHAT	Network Chat (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_CONTACTS C_AL_ADDRESS_BOOK	Contacts / Address Book (Consumer AL)	⬀	?	⭐	⭐	?	?
C_AL_CALENDAR C_AL_CAL	Calendar / Schedule (Consumer AL)	⬀	?	⭐	⭐	❌	❌
C_AL_IMAGE_BROWSER C_AL_IMAGES	Image Browser (Consumer AL)	⬀	?	⭐	⭐	?	?

Codes	Name						
C_AL_AUDIO_BROWSER C_AL_AUDIO C_AL_MUSIC	Audio Browser (Consumer AL)	🔗	?	⭐	⭐	?	?
C_AL_MOVIE_BROWSER C_AL_MOVIES	Movie Browser (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_TEXT_EDITOR	Text Editor (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_WORD	Word Processor (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_SPREADSHEET C_AL_SHEET	Spreadsheet (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_PRESENTATION	Presentation (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_GRAPHICS_EDITOR	Graphics Editor (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_CALCULATOR C_AL_CALC	Calculator (Consumer AL)	🔗	?	⭐	⭐	❌	❌
K_CALCULATOR K_CALC	Calculator (Keyboard)	🔗	?	⭐	⭐	❌	❌
C_AL_NEWS	Newsreader (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_DATABASE C_AL_DB	Database App (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_VOICEMAIL	Voicemail (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_FINANCE	Checkbook / Finance (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_TASK_MANAGER	Task / Project Manager (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_JOURNAL	Log / Journal / Timecard (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_AV_CAPTURE_PLAYBACK	A/V Capture / Playback (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_SPELLCHECK C_AL_SPELL	Spell Check (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_SCREEN_SAVER	Screen Saver (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_KEYBOARD_LAYOUT	Keyboard Layout (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_CONTROL_PANEL	Control Panel (Consumer AL)	🔗	?	⭐	❌	?	?
C_AL_HELP	Integrated Help Center (Consumer AL)	🔗	?	⭐	❌	?	?

Names	Description	⬀	W	L	A	m	i
K_HELP	Help (Keyboard)	⬀	?	⭐	❌	?	?
C_AL_OEM_FEATURES C_AL_TIPS C_AL_TUTORIAL	OEM Features / Tips / Tutorial Browser (Consumer AL)	⬀	?	⭐	❌	?	?
C_AL_CCC	Consumer Control Configuration (Consumer AL)	⬀	?	⭐	⭐	?	?

Input Assist

Names	Description	⬀	W	L	A	m	i
C_KEYBOARD_INPUT_ASSIST_NEXT C_KBIA_NEXT	Next (Consumer KBIA)	⬀	?	⭐	?	❌	?
C_KEYBOARD_INPUT_ASSIST_PREVIOUS C_KBIA_PREV	Previous (Consumer KBIA)	⬀	?	⭐	?	❌	?
C_KEYBOARD_INPUT_ASSIST_NEXT_GROUP C_KBIA_NEXT_GRP	Next Group (Consumer KBIA)	⬀	?	⭐	?	❌	?
C_KEYBOARD_INPUT_ASSIST_PREVIOUS_GROUP C_KBIA_PREV_GRP	Previous Group (Consumer KBIA)	⬀	?	⭐	?	❌	?
C_KEYBOARD_INPUT_ASSIST_ACCEPT C_KBIA_ACCEPT	Accept (Consumer KBIA)	⬀	?	⭐	?	❌	?
C_KEYBOARD_INPUT_ASSIST_CANCEL C_KBIA_CANCEL	Cancel (Consumer KBIA)	⬀	?	⭐	?	❌	?

Power & Lock

Names	Description	⬀	W	L	A	m	i
C_POWER C_PWR	Power (Consumer)	⬀	?	⭐	❌	⭐1	⭐2
K_POWER K_PWR	Power (Keyboard)	⬀	?	❌	⭐	⭐1	⭐2
C_RESET	Reset (Consumer)	⬀	?	⭐	❌	?	?

`C_SLEEP`	Sleep (Consumer)	⤴	?	⭐	✖	?	?
`K_SLEEP`	Sleep (Keyboard)	⤴	?	⭐	✖	✖	✖
`C_SLEEP_MODE`	Sleep Mode (Consumer)	⤴	?	✖	⭐	?	?
`C_AL_LOGOFF`	Logoff (Consumer AL)	⤴	?	⭐	✖	?	?
`C_AL_LOCK` `C_AL_SCREENSAVER` `C_AL_COFFEE`	Terminal Lock / Screensaver (Consumer AL)	⤴	?	⭐	⭐	?	?
`K_LOCK` `K_SCREENSAVER` `K_COFFEE`	Lock (Keyboard)	⤴	?	⭐	⭐	✖	✖

Notes: 1 Both macOS power keys ignore quick presses, sleep on deliberate press, and display a prompt on long-press.

2 Both iOS power keys lock the home screen.

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