

## Modified HID Code Set

Mainly HID page 7, with additions to support internal features, media keys, and power keys. Codes in *italics* are used internally by the converter, and are not output. Codes with **highlight** are output, but may not be supported by all OS (notably Windows). Media and Power codes are translated to the correct code page before being output.

Name	HID Code	Description
UNASSIGNED	0x00	No Event
OVERRUN_ERROR	0x01	Overrun Error
POST_FAIL	0x02	POST Fail
ERROR_UNDEFINED	0x03	ErrorUndefined
A	0x04	a A
B	0x05	b B
C	0x06	c C
D	0x07	d D
E	0x08	e E
F	0x09	f F
G	0x0A	g G
H	0x0B	h H
I	0x0C	i I
J	0x0D	j J
K	0x0E	k K
L	0x0F	l L
M	0x10	m M
N	0x11	n N
O	0x12	o O
P	0x13	p P
Q	0x14	q Q
R	0x15	r R
S	0x16	s S
T	0x17	t T
U	0x18	u U
V	0x19	v V
W	0x1A	w W
X	0x1B	x X
Y	0x1C	y Y
Z	0x1D	z Z
1	0x1E	1 !
2	0x1F	2 @
3	0x20	3 #
4	0x21	4 \$
5	0x22	5 %
6	0x23	6 ^
7	0x24	7 &
8	0x25	8 *
9	0x26	9 (
0	0x27	0 )
ENTER	0x28	Return
ESC	0x29	Escape
BACKSPACE	0x2A	Backspace
TAB	0x2B	Tab
SPACE	0x2C	Space
MINUS	0x2D	- _
EQUAL	0x2E	= +
LEFT_BRACE	0x2F	[ {
RIGHT_BRACE	0x30	] }
BACKSLASH	0x31	\
EUROPE_1	0x32	Non-US # ~
SEMICOLON	0x33	; :
QUOTE	0x34	' "
BACK_QUOTE	0x35	` ~
COMMA	0x36	, <
PERIOD	0x37	. >
SLASH	0x38	/ ?
CAPS_LOCK	0x39	Caps Lock
F1	0x3A	F1

F2	0x3B	F2
F3	0x3C	F3
F4	0x3D	F4
F5	0x3E	F5
F6	0x3F	F6
F7	0x40	F7
F8	0x41	F8
F9	0x42	F9
F10	0x43	F10
F11	0x44	F11
F12	0x45	F12
PRINTSCREEN	0x46	Print Screen
SCROLL_LOCK	0x47	Scroll Lock
PAUSE	0x48	Pause
INSERT	0x49	Insert
HOME	0x4A	Home
PAGE_UP	0x4B	Page Up
DELETE	0x4C	Delete
END	0x4D	End
PAGE_DOWN	0x4E	Page Down
RIGHT	0x4F	Right Arrow
LEFT	0x50	Left Arrow
DOWN	0x51	Down Arrow
UP	0x52	Up Arrow
NUM_LOCK	0x53	Num Lock
PAD_SLASH	0x54	Keypad /
PAD_ASTERIX	0x55	Keypad *
PAD_MINUS	0x56	Keypad -
PAD_PLUS	0x57	Keypad +
PAD_ENTER	0x58	Keypad Enter
PAD_1	0x59	Keypad 1 End
PAD_2	0x5A	Keypad 2 Down
PAD_3	0x5B	Keypad 3 PageDn
PAD_4	0x5C	Keypad 4 Left
PAD_5	0x5D	Keypad 5
PAD_6	0x5E	Keypad 6 Right
PAD_7	0x5F	Keypad 7 Home
PAD_8	0x60	Keypad 8 Up
PAD_9	0x61	Keypad 9 PageUp
PAD_0	0x62	Keypad 0 Insert
PAD_PERIOD	0x63	Keypad . Delete
EUROPE_2	0x64	Non-US \
APP	0x65	App
POWER	0x66	Keyboard Power
PAD_EQUALS	0x67	Keypad =
F13	0x68	F13
F14	0x69	F14
F15	0x6A	F15
F16	0x6B	F16
F17	0x6C	F17
F18	0x6D	F18
F19	0x6E	F19
F20	0x6F	F20
F21	0x70	F21
F22	0x71	F22
F23	0x72	F23
F24	0x73	F24
EXECUTE	0x74	Keyboard Execute
HELP	0x75	Keyboard Help
MENU	0x76	Keyboard Menu

SELECT	0x77	Keyboard Select
STOP	0x78	Keyboard Stop
AGAIN	0x79	Keyboard Again
UNDO	0x7A	Keyboard Undo
CUT	0x7B	Keyboard Cut
COPY	0x7C	Keyboard Copy
PASTE	0x7D	Keyboard Paste
FIND	0x7E	Keyboard Find
MUTE	0x7F	Keyboard Mute
VOLUME_UP	0x80	Keyboard Volume Up
VOLUME_DOWN	0x81	Keyboard Volume Dn
LOCKING_CAPS_LOCK	0x82	Keyboard Locking Caps Lock
LOCKING_NUM_LOCK	0x83	Keyboard Locking Num Lock
LOCKING_SCROLL_LOCK	0x84	Keyboard Locking Scroll Lock
PAD_COMMA	0x85	Keypad comma (Brazilian Keypad .)
EQUAL_SIGN	0x86	Keyboard Equal Sign
INTERNATIONAL_1	0x87	Keyboard Int'l 1 (Ro)
INTERNATIONAL_2	0x88	Keyboard Intl'2 (Katakana/Hiragana)
INTERNATIONAL_3	0x89	Keyboard Int'l 2 (Yen)
INTERNATIONAL_4	0x8A	Keyboard Int'l 4 (Henkan)
INTERNATIONAL_5	0x8B	Keyboard Int'l 5 (Muhenkan)
INTERNATIONAL_6	0x8C	Keyboard Int'l 6 (PC9800 Keypad comma)
INTERNATIONAL_7	0x8D	Keyboard Int'l 7
INTERNATIONAL_8	0x8E	Keyboard Int'l 8
INTERNATIONAL_9	0x8F	Keyboard Int'l 9
LANG_1	0x90	Keyboard Lang 1 (Hanguel/English)
LANG_2	0x91	Keyboard Lang 2 (Hanja)
LANG_3	0x92	Keyboard Lang 3 (Katakana)
LANG_4	0x93	Keyboard Lang 4 (Hiragana)
LANG_5	0x94	Keyboard Lang 5 (Zenkaku/Hankaku)
LANG_6	0x95	Keyboard Lang 6
LANG_7	0x96	Keyboard Lang 7
LANG_8	0x97	Keyboard Lang 8
LANG_9	0x98	Keyboard Lang 9
ALTERNATE_ERASE	0x99	Keyboard Alternate Erase
SYSREQ_ATTEN	0x9A	Keyboard SysReq/Attention
CANCEL	0x9B	Keyboard Cancel
CLEAR	0x9C	Keyboard Clear
PRIOR	0x9D	Keyboard Prior
RETURN	0x9E	Keyboard Return
SEPARATOR	0x9F	Keyboard Separator
OUT	0xA0	Keyboard Out
OPER	0xA1	Keyboard Oper
CLEAR_AGAIN	0xA2	Keyboard Clear/Again
CRSEL_PROPS	0xA3	Keyboard CrSel/Props

EXSEL	0xA4	Keyboard ExSel
SYSTEM_POWER	0xA8	System Power
SYSTEM_SLEEP	0xA9	System Sleep
SYSTEM_WAKE	0xAA	System Wake
AUX1	0xAB	Auxiliary key 1
AUX2	0xAC	Auxiliary key 2
AUX3	0xAD	Auxiliary key 3
AUX4	0xAE	Auxiliary key 4
AUX5	0xAF	Auxiliary key 5
EXTRA_LALT	0xB1	AT-F extra pad lhs of space
EXTRA_PAD_PLUS	0xB2	Term extra pad bottom of keypad +
EXTRA_RALT	0xB3	AT-F extra pad rhs of space
EXTRA_EUROPE_2	0xB4	AT-F extra pad lhs of enter
EXTRA_BACKSLASH	0xB5	AT-F extra pad top of enter
EXTRA_INSERT	0xB6	AT-F extra pad lhs of Insert
EXTRA_F1	0xB7	122-key Terminal lhs F1
EXTRA_F2	0xB8	122-key Terminal lhs F2
EXTRA_F3	0xB9	122-key Terminal lhs F3
EXTRA_F4	0xBA	122-key Terminal lhs F4
EXTRA_F5	0xBB	122-key Terminal lhs F5
EXTRA_F6	0xBC	122-key Terminal lhs F6
EXTRA_F7	0xBD	122-key Terminal lhs F7
EXTRA_F8	0xBE	122-key Terminal lhs F8
EXTRA_F9	0xBF	122-key Terminal lhs F9
EXTRA_F10	0xC0	122-key Terminal lhs F10
EXTRA_SYSRQ	0xC2	Sys Req (AT 84-key)
FN1	0xD0	Function layer key 1
FN2	0xD1	Function layer key 2
FN3	0xD2	Function layer key 3
FN4	0xD3	Function layer key 4
FN5	0xD4	Function layer key 5
FN6	0xD5	Function layer key 6
FN7	0xD6	Function layer key 7
FN8	0xD7	Function layer key 8
SELECT_0	0xD8	Select reset
SELECT_1	0xD9	Select 1 toggle
SELECT_2	0xDA	Select 2 toggle
SELECT_3	0xDB	Select 3 toggle
SELECT_4	0xDC	Select 4 toggle
SELECT_5	0xDD	Select 5 toggle
SELECT_6	0xDE	Select 6 toggle
SELECT_7	0xDF	Select 7 toggle
LCTRL	0xE0	Left Control
LSHIFT	0xE1	Left Shift
LALT	0xE2	Left Alt
LGUI	0xE3	Left GUI

RCTRL	0xE4	Right Control
RSHIFT	0xE5	Right Shift
RALT	0xE6	Right Alt
RGUI	0xE7	Right GUI
MEDIA_NEXT_TRACK	0xE8	Scan Next Track
MEDIA_PREV_TRACK	0xE9	Scan Previous Track
MEDIA_STOP	0xEA	Stop
MEDIA_PLAY_PAUSE	0xEB	Play/ Pause
MEDIA_MUTE	0xEC	Mute
MEDIA_BASS_BOOST	0xED	Bass Boost
MEDIA_LOUDNESS	0xEE	Loudness
MEDIA_VOLUME_UP	0xEF	Volume Up
MEDIA_VOLUME_DOWN	0xF0	Volume Down
MEDIA_BASS_UP	0xF1	Bass Up
MEDIA_BASS_DOWN	0xF2	Bass Down
MEDIA_TREBLE_UP	0xF3	Treble Up
MEDIA_TREBLE_DOWN	0xF4	Treble Down
MEDIA_MEDIA_SELECT	0xF5	Media Select
MEDIA_MAIL	0xF6	Mail
MEDIA_CALCULATOR	0xF7	Calculator
MEDIA_MY_COMPUTER	0xF8	My Computer
MEDIA_WWW_SEARCH	0xF9	WWW Search
MEDIA_WWW_HOME	0xFA	WWW Home
MEDIA_WWW_BACK	0xFB	WWW Back
MEDIA_WWW_FORWARD	0xFC	WWW Forward
MEDIA_WWW_STOP	0xFD	WWW Stop
MEDIA_WWW_REFRESH	0xFE	WWW Refresh
MEDIA_WWW_FAVORITES	0xFF	WWW Favorites

## Deprecated Code Names v1.0+

The following code names are deprecated, and should no longer be used.

They are included for compatibility with older config files written for v0.997.

Replacements for these names have been added beginning 'EXTRA\_'.

(As in, the change is just in the names of these codes).

Name	HID Code	Description
FAKE_01	0xB0	Extra
FAKE_02	0xB1	AT-F extra pad lhs of space
FAKE_03	0xB2	Term extra pad bottom of keypad +
FAKE_04	0xB3	AT-F extra pad rhs of space
FAKE_05	0xB4	AT-F extra pad lhs of enter
FAKE_06	0xB5	AT-F extra pad top of enter
FAKE_07	0xB6	AT-F extra pad lhs of Insert
FAKE_08	0xB7	Term F1
FAKE_09	0xB8	Term F2
FAKE_10	0xB9	Term F3
FAKE_11	0xBA	Term F4
FAKE_12	0xBB	Term F5
FAKE_13	0xBC	Term F6
FAKE_14	0xBD	Term F7
FAKE_15	0xBE	Term F8
FAKE_16	0xBF	Term F9
FAKE_17	0xC0	Term F10
FAKE_18	0xC1	Extra
FAKE_19	0xC2	Sys Req (AT 84-key)

## Modifiers

For most uses, either a single key or a combination can be specified.

Depending on context, a combination might mean 'any' or 'all' of the specified modifiers.

Name	Description
LCTRL	Left Control
LSHIFT	Left Shift
LALT	Left Alt
LGUI	Left GUI
RCTRL	Right Control
RSHIFT	Right Shift
RALT	Right Alt
RGUI	Right GUI
CTRL	Either/Both Control (shorthand for LCTRL RCTRL)
SHIFT	Either/Both Shift (shorthand for LSHIFT RSHIFT)
ALT	Either/Both Alt (shorthand for LALT RALT)
GUI	Either/Both GUI (shorthand for LGUI RGUI)
ALL	Any/All (shorthand for CTRL SHIFT ALT GUI)