



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'xkeyboard-config.7' command

\$ man xkeyboard-config.7

XKEYBOARD-CONFIG(7) Miscellaneous Information Manual XKEYBOARD-CONFIG(7)

NAME

xkeyboard-config - XKB data description files

DESCRIPTION

xkeyboard-config provides the description files for the X Keyboard Extension (XKB). The configuration options below are usually applied with setxkbmap(1).

MODELS

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?Model	Description	?
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?pc86	Generic 86-key PC	?
?pc101	Generic 101-key PC	?
?pc102	Generic 102-key PC	?
?pc104	Generic 104-key PC	?
?pc104alt	Generic 104-key PC with L-shaped Enter key	?
?pc105	Generic 105-key PC	?
?dell101	Dell 101-key PC	?
?latitude	Dell Latitude laptop	?
?dellm65	Dell Precision M65 laptop	?
?everex	Everex STEPnote	?
?flexpro	Keytronic FlexPro	?
?microsoft	Microsoft Natural	?

?omnikey101	Northgate OmniKey 101	?
?winbook	Winbook Model XP5	?
?pc98	PC-98	?
?a4techKB21	A4Tech KB-21	?
?a4techKBS8	A4Tech KBS-8	?
?a4_rfkb23	A4Tech Wireless Desktop RFKB-23	?
?airkey	Acer AirKey V	?
?azonaRF2300	Azona RF2300 Wireless Internet	?
?scorpius	Advance Scorpius KI	?
?brother	Brother Internet	?
?btc5113rf	BTC 5113RF Multimedia	?
?btc5126t	BTC 5126T	?
?btc6301urf	BTC 6301URF	?
?btc9000	BTC 9000	?
?btc9000a	BTC 9000A	?
?btc9001ah	BTC 9001AH	?
?btc5090	BTC 5090	?
?btc9019u	BTC 9019U	?
?btc9116u	BTC 9116U Mini Wireless Internet and Gaming	?
?cherryblue	Cherry Blue Line CyBo@rd	?
?cherryblueb	Cherry CyMotion Master XPress	?
?cherrybluea	Cherry Blue Line CyBo@rd (alt.)	?
?cherrycyboard	Cherry CyBo@rd USB-Hub	?
?cherrycmexpert	Cherry CyMotion Expert	?
?cherrybunlim	Cherry B.UNLIMITED	?
?chicony	Chicony Internet	?
?chicony0108	Chicony KU-0108	?
?chicony0420	Chicony KU-0420	?
?chicony9885	Chicony KB-9885	?
?compaqak8	Compaq Easy Access	?
?compaqik7	Compaq Internet (7 keys)	?
?compaqik13	Compaq Internet (13 keys)	?
?compaqik18	Compaq Internet (18 keys)	?

?cymotionlinux	Cherry CyMotion Master Linux	?
?armada	Compaq Armada laptop	?
?presario	Compaq Presario laptop	?
?ipaq	Compaq iPaq	?
?dell	Dell	?
?dellsk8125	Dell SK-8125	?
?dellsk8135	Dell SK-8135	?
?dellusbmm	Dell USB Multimedia	?
?inspiron	Dell Inspiron 6000/8000 laptop	?
?precision_m	Dell Precision M laptop	?
?dexxa	Dexxa Wireless Desktop	?
?diamond	Diamond 9801/9802	?
?dtk2000	DTK2000	?
?ennyah_dkb1008	Ennyah DKB-1008	?
?fscaa1667g	Fujitsu-Siemens Amilo laptop	?
?genius	Genius Comfy KB-16M/Multimedia KWD-910	?
?geniuscomfy	Genius Comfy KB-12e	?
?geniuscomfy2	Genius Comfy KB-21e-Scroll	?
?geniuskb19e	Genius KB-19e NB	?
?geniuskkb2050hs	Genius KKB-2050HS	?
?gyration	Gyration	?
?kinesis	Kinesis	?
?logitech_base	Logitech	?
?logitech_g15	Logitech G15 extra keys via G15daemon	?
?hpi6	Hewlett-Packard Internet	?
?hp250x	Hewlett-Packard NEC SK-2500 Multimedia	?
?hp3e3gc	Hewlett-Packard Omnibook XE3 GC	?
?hp3e3gf	Hewlett-Packard Omnibook XE3 GF	?
?hpxt1000	Hewlett-Packard Omnibook XT1000	?
?hpdv5	Hewlett-Packard Pavilion dv5	?
?hpzt11xx	Hewlett-Packard Pavilion ZT1100	?
?hp500fa	Hewlett-Packard Omnibook 500 FA	?
?hp5xx	Hewlett-Packard Omnibook 500	?

?hpnx9020	Hewlett-Packard nx9020	?
?hp6000	Hewlett-Packard Omnibook 6000/6100	?
?honeywell_euroboard	Honeywell Euroboard	?
?hpmini110	Hewlett-Packard Mini 110 laptop	?
?rapidaccess	IBM Rapid Access	?
?rapidaccess2	IBM Rapid Access II	?
?thinkpad	IBM ThinkPad 560Z/600/600E/A22E	?
?thinkpad60	IBM ThinkPad R60/T60/R61/T61	?
?thinkpadz60	IBM ThinkPad Z60m/Z60t/Z61m/Z61t	?
?ibm_spacesaver	IBM Space Saver	?
?logiaccess	Logitech Access	?
?logiclx300	Logitech Cordless Desktop LX-300	?
?logii350	Logitech Internet 350	?
?logimel	Logitech Internet 350	?
?logicd	Logitech Cordless Desktop	?
?logicd_it	Logitech Cordless Desktop iTouch	?
?logicd_nav	Logitech Cordless Desktop Navigator	?
?logicd_opt	Logitech Cordless Desktop Optical	?
?logicda	Logitech Cordless Desktop (alt.)	?
?logicdpa2	Logitech Cordless Desktop Pro (2nd alt.)	?
?logicfn	Logitech Cordless Freedom/Desktop Navigator	?
?logicdn	Logitech Cordless Desktop Navigator	?
?logiitc	Logitech iTouch Cordless Y-RB6	?
?logiik	Logitech Internet	?
?itouch	Logitech iTouch	?
?logicink	Logitech Internet Navigator	?
?logiex110	Logitech Cordless Desktop EX110	?
?logiinkse	Logitech iTouch Internet Navigator SE	?
?logiinkseusb	Logitech iTouch Internet Navigator SE USB	?
?logiultrax	Logitech Ultra-X	?
?logiultraxc	Logitech Ultra-X Cordless Media Desktop	?
?logidinovo	Logitech diNovo	?
?logidinovoedge	Logitech diNovo Edge	?

?mx1998	Memorex MX1998	?
?mx2500	Memorex MX2500 EZ-Access	?
?mx2750	Memorex MX2750	?
?microsoft4000	Microsoft Natural Ergonomic 4000	?
?microsoft7000	Microsoft Natural Wireless Ergonomic 7000	?
?microsoftinet	Microsoft Internet	?
?microsoftpro	Microsoft Natural Pro/Internet Pro	?
?microsoftprousb	Microsoft Natural Pro USB/Internet Pro	?
?microsoftprooem	Microsoft Natural Pro OEM	?
?vsonku306	ViewSonic KU-306 Internet	?
?microsoftprose	Microsoft Internet Pro (Swedish)	?
?microsoftoffice	Microsoft Office Keyboard	?
?microsoftmult	Microsoft Wireless Multimedia 1.0A	?
?microsoftsurface	Microsoft Surface	?
?microsoftelite	Microsoft Natural Elite	?
?microsoftccurve2k	Microsoft Comfort Curve 2000	?
?oretec	Ortek Multimedia/Internet MCK-800	?
?propeller	Propeller Voyager KTEZ-1000	?
?qtronix	QTronix Scorpius 98N+	?
?samsung4500	Samsung SDM 4500P	?
?samsung4510	Samsung SDM 4510P	?
?sanwaskbkg3	Sanwa Supply SKB-KG3	?
?sk1300	NEC SK-1300	?
?sk2500	NEC SK-2500	?
?sk6200	NEC SK-6200	?
?sk7100	NEC SK-7100	?
?sp_inet	Super Power Multimedia	?
?sven	SVEN Ergonomic 2500	?
?sven303	SVEN Slim 303	?
?symplon	Symplon PaceBook tablet	?
?toshiba_s3000	Toshiba Satellite S3000	?
?trust	Trust Wireless Classic	?
?trustda	Trust Direct Access	?

?trust_slimline	Trust Slimline	?
?tm2020	TypeMatrix EZ-Reach 2020	?
?tm2030PS2	TypeMatrix EZ-Reach 2030 PS2	?
?tm2030USB	TypeMatrix EZ-Reach 2030 USB	?
?tm2030USB-102	TypeMatrix EZ-Reach 2030 USB (102/105:EU mode)	?
?tm2030USB-106	TypeMatrix EZ-Reach 2030 USB (106:JP mode)	?
?yahoo	Yahoo! Internet	?
?macbook78	MacBook/MacBook Pro	?
?macbook79	MacBook/MacBook Pro (intl.)	?
?macintosh	Macintosh	?
?macintosh_old	Macintosh Old	?
?macintosh_hhk	Happy Hacking for Mac	?
?acer_c300	Acer C300	?
?acer_ferrari4k	Acer Ferrari 4000	?
?acer_laptop	Acer laptop	?
?asus_laptop	Asus laptop	?
?apple	Apple	?
?apple_laptop	Apple laptop	?
?applealu_ansi	Apple Aluminium (ANSI)	?
?applealu_iso	Apple Aluminium (ISO)	?
?applealu_jis	Apple Aluminium (JIS)	?
?silvercrest	Silvercrest Multimedia Wireless	?
?emachines	eMachines m6800 laptop	?
?benqx	BenQ X-Touch	?
?benqx730	BenQ X-Touch 730	?
?benqx800	BenQ X-Touch 800	?
?hhk	Happy Hacking	?
?classmate	Classmate PC	?
?olpc	OLPC	?
?sun_type7_usb	Sun Type 7 USB	?
?sun_type7_euro_usb	Sun Type 7 USB (European)	?
?sun_type7_unix_usb	Sun Type 7 USB (Unix)	?
?sun_type7_jp_usb	Sun Type 7 USB (Japanese)/Japanese 106-key	?

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?cd French (Democratic Republic of the Congo) ?

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?cn Chinese ?

?cn(mon_trad) Mongolian (Bichig) ?

?cn(mon_trad_todo) Mongolian (Todo) ?

?cn(mon_trad_xibe) Mongolian (Xibe) ?

?cn(mon_trad_manchu) Mongolian (Manchu) ?

?cn(mon_trad_galik) Mongolian (Galik) ?

?cn(mon_todo_galik) Mongolian (Todo Galik) ?

?cn(mon_manchu_galik) Mongolian (Manchu Galik) ?

?cn(tib) Tibetan ?

?cn(tib_asciinum) Tibetan (with ASCII numerals) ?

?cn(ug) Uyghur ?

?cn(altgr-pinyin) Hanyu Pinyin (with AltGr dead keys) ?

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?hr Croatian ?

?hr(alternatequotes) Croatian (with guillemets) ?

?hr(unicode) Croatian (with Croatian digraphs) ?

?hr(unicodeus) Croatian (US, with Croatian digraphs) ?

?hr(us) Croatian (US) ?

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?cz Czech ?

?cz(bksl) Czech (with <> key) ?

?cz(qwerty) Czech (QWERTY) ?

?cz(qwerty_bksl)	Czech (QWERTY, extended backslash)	?
?cz(qwerty-mac)	Czech (QWERTY, Macintosh)	?
?cz(ucw)	Czech (UCW, only accented letters)	?
?cz(dvorak-ucw)	Czech (US, Dvorak, UCW support)	?
?cz(rus)	Russian (Czech, phonetic)	?
?	?	

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?dk	Danish	?
?dk(nodeadkeys)	Danish (no dead keys)	?
?dk(winkeys)	Danish (Windows)	?
?dk(mac)	Danish (Macintosh)	?
?dk(mac_nodeadkeys)	Danish (Macintosh, no dead keys)	?
?dk(dvorak)	Danish (Dvorak)	?
?	?	

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?nl	Dutch	?
?nl(us)	Dutch (US)	?
?nl(mac)	Dutch (Macintosh)	?
?nl(std)	Dutch (standard)	?
?	?	

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?bt	Dzongkha	?
?	?	

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?ee	Estonian	?
?ee(nodeadkeys)	Estonian (no dead keys)	?
?ee(dvorak)	Estonian (Dvorak)	?
?ee(us)	Estonian (US)	?
?	?	

?is Icelandic ?
?is(mac_legacy) Icelandic (Macintosh, legacy) ?
?is(mac) Icelandic (Macintosh) ?
?is(dvorak) Icelandic (Dvorak) ?
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?il Hebrew ?
?il(lyx) Hebrew (lyx) ?
?il(phonetic) Hebrew (phonetic) ?
?il(biblical) Hebrew (Biblical, Tiro) ?
? ?

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?it Italian ?
?it(nodeadkeys) Italian (no dead keys) ?
?it(winkeys) Italian (Windows) ?
?it(mac) Italian (Macintosh) ?
?it(us) Italian (US) ?
?it(geo) Georgian (Italy) ?
?it(ibm) Italian (IBM 142) ?
?it(intl) Italian (intl., with dead keys) ?
?it(scn) Sicilian ?
?it(fur) Friulian (Italy) ?
? ?

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?jp Japanese ?
?jp(kana) Japanese (Kana) ?
?jp(kana86) Japanese (Kana 86) ?
?jp(OADG109A) Japanese (OADG 109A) ?
?jp(mac) Japanese (Macintosh) ?
?jp(dvorak) Japanese (Dvorak) ?

?me(latinalternatequotes) Montenegrin (Latin, with guillemets) ?
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?mk Macedonian ?
?mk(nodeadkeys) Macedonian (no dead keys) ?
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?mt Maltese ?
?mt(us) Maltese (US) ?
?mt(alt-us) Maltese (US, with AltGr overrides) ?
?mt(alt-gb) Maltese (UK, with AltGr overrides) ?
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?mn Mongolian ?
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?no Norwegian ?
?no(nodeadkeys) Norwegian (no dead keys) ?
?no(winkeys) Norwegian (Windows) ?
?no(dvorak) Norwegian (Dvorak) ?
?no(smi) Northern Saami (Norway) ?
?no(smi_nodeadkeys) Northern Saami (Norway, no dead keys) ?
?no(mac) Norwegian (Macintosh) ?
?no(mac_nodeadkeys) Norwegian (Macintosh, no dead keys) ?
?no(colemak) Norwegian (Colemak) ?
? ?

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?pl Polish ?

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?si	Slovenian	?	
?si(alternatequotes)	Slovenian (with guillemets)		?
?si(us)	Slovenian (US)	?	
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?sk	Slovak	?	
?sk(bksl)	Slovak (extended backslash)		?
?sk(qwerty)	Slovak (QWERTY)		?
?sk(qwerty_bksl)	Slovak (QWERTY, extended backslash)		?
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?es	Spanish	?	
?es(nodeadkeys)	Spanish (no dead keys)		?
?es(winkeys)	Spanish (Windows)		?
?es(deadtilda)	Spanish (dead tilde)		?
?es(dvorak)	Spanish (Dvorak)		?
?es(ast)	Asturian (Spain, with bottom-dot H and L)		?
?es(cat)	Catalan (Spain, with middle-dot L)		?
?es(mac)	Spanish (Macintosh)		?
?		?	

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?se	Swedish	?	
?se(nodeadkeys)	Swedish (no dead keys)		?
?se(dvorak)	Swedish (Dvorak)		?
?se(rus)	Russian (Sweden, phonetic)		?
?se(rus_nodeadkeys)	Russian (Sweden, phonetic, no dead keys)		?
?se(smi)	Northern Saami (Sweden)		?
?se(mac)	Swedish (Macintosh)		?
?se(svdvorak)	Swedish (Svdvorak)		?

?se(us_dvorak) Swedish (Dvorak, intl.) ?
?se(us) Swedish (US) ?
?se(swl) Swedish Sign Language ?
? ?

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?ch German (Switzerland) ?
?ch(legacy) German (Switzerland, legacy) ?
?ch(de_nodeadkeys) German (Switzerland, no dead keys) ?
?ch(fr) French (Switzerland) ?
?ch(fr_nodeadkeys) French (Switzerland, no dead keys) ?
?ch(fr_mac) French (Switzerland, Macintosh) ?
?ch(de_mac) German (Switzerland, Macintosh) ?
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?sy Arabic (Syria) ?
?sy(syc) Syriac ?
?sy(syc_phonetic) Syriac (phonetic) ?
?sy(ku) Kurdish (Syria, Latin Q) ?
?sy(ku_f) Kurdish (Syria, F) ?
?sy(ku_alt) Kurdish (Syria, Latin Alt-Q) ?
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?tj Tajik ?
?tj(legacy) Tajik (legacy) ?
? ?

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?lk Sinhala (phonetic) ?
?lk(tam_unicode) Tamil (Sri Lanka, TamilNet '99) ?
?lk(tam_TAB) Tamil (Sri Lanka, TamilNet '99, TAB encoding) ?

?lk(us) Sinhala (US) ?
? ?

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?th Thai ?
?th(tis) Thai (TIS-820.2538) ?
?th(pat) Thai (Pattachote) ?
? ?

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?tr Turkish ?
?tr(f) Turkish (F) ?
?tr(alt) Turkish (Alt-Q) ?
?tr(ku) Kurdish (Turkey, Latin Q) ?
?tr(ku_f) Kurdish (Turkey, F) ?
?tr(ku_alt) Kurdish (Turkey, Latin Alt-Q) ?
?tr(intl) Turkish (intl., with dead keys) ?
?tr(crh) Crimean Tatar (Turkish Q) ?
?tr(crh_f) Crimean Tatar (Turkish F) ?
?tr(crh_alt) Crimean Tatar (Turkish Alt-Q) ?
?tr(ot) Ottoman ?
?tr(otf) Ottoman (F) ?
?tr(otk) Old Turkic ?
? ?

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?tw Taiwanese ?
?tw(indigenous) Taiwanese (indigenous) ?
?tw(saisiyat) Saisiyat (Taiwan) ?
? ?

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?ua Ukrainian ? Page 28/45

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?kr	Korean	?
?kr(kr104)	Korean (101/104-key compatible)	?
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?nec_vndr/jp	Japanese (PC-98)	?
?		?

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?ie	Irish	?
?ie(CloGaelach)	CloGaelach	?
?ie(UnicodeExpert)	Irish (UnicodeExpert)	?
?ie(ogam)	Ogham	?
?ie(ogam_is434)	Ogham (IS434)	?
?		?

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?pk	Urdu (Pakistan)	?
?pk(urd-crulp)	Urdu (Pakistan, CRULP)	?
?pk(urd-nla)	Urdu (Pakistan, NLA)	?
?pk(ara)	Arabic (Pakistan)	?
?pk(snd)	Sindhi	?
?		?

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?mv	Dhivehi	?
?		?

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?za	English (South Africa)	?
?		?

?tm Turkmen ?

?tm(alt) Turkmen (Alt-Q) ?

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?ml Bambara ?

?ml(fr-oss) French (Mali, alt.) ?

?ml(us-mac) English (Mali, US, Macintosh) ?

?ml(us-intl) English (Mali, US, intl.) ?

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?tz Swahili (Tanzania) ?

? ?

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?tg French (Togo) ?

? ?

??

?ke Swahili (Kenya) ?

?ke(kik) Kikuyu ?

? ?

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?bw Tswana ?

? ?

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?ph Filipino ?

?ph(qwerty-bay) Filipino (QWERTY, Baybayin) ?

?ph(capewell-dvorak) Filipino (Capewell-Dvorak, Latin) ?

?ph(capewell-dvorak-bay) Filipino (Capewell-Dvorak, Baybayin) ?

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?lv3:switch	Right Ctrl	?
?lv3:menu_switch	Menu	?
?lv3:win_switch	Any Win	?
?lv3:lwin_switch	Left Win	?
?lv3:rwin_switch	Right Win	?
?lv3:alt_switch	Any Alt	?
?lv3:lalt_switch	Left Alt	?
?lv3:ralt_switch	Right Alt	?
?lv3:ralt_switch_multikey	Right Alt; Shift+Right Alt as Compose	?
?lv3:ralt_alt	Right Alt never chooses 3rd level	?
?lv3:enter_switch	Enter on keypad	?
?lv3:caps_switch	Caps Lock	?
?lv3:bksl_switch	Backslash	?
?lv3:lsgt_switch	The "< >" key	?

?lv3:caps_switch_latch Caps Lock; acts as onetime lock when pressed together with another 3rd-level chooser

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?lv3:bksl_switch_latch Backslash; acts as onetime lock when pressed together with another 3rd level chooser ?

?lv3:lsgt_switch_latch The "< >" key; acts as onetime lock when pressed together with another 3rd level chooser ?

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Ctrl position

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?Option Description ?

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?ctrl:nocaps Caps Lock as Ctrl ?

?ctrl:lctrl_meta Left Ctrl as Meta ?

?ctrl:swapcaps Swap Ctrl and Caps Lock ?

?ctrl:swapcaps_hyper Caps Lock as Ctrl, Ctrl as Hyper ?

?ctrl:ac_ctrl To the left of "A" ?

?ctrl:aa_ctrl At the bottom left ?

?ctrl:rctrl_ralt Right Ctrl as Right Alt ?
?ctrl:menu_rctrl Menu as Right Ctrl ?
?ctrl:swap_lalt_lctl Swap Left Alt with Left Ctrl ?
?ctrl:swap_lwin_lctl Swap Left Win with Left Ctrl ?
?ctrl:swap_rwin_rctl Swap Right Win with Right Ctrl ?
?ctrl:swap_lalt_lctl_lwin Left Alt as Ctrl, Left Ctrl as Win, Left Win as Left Alt ?
?
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Use keyboard LED to show alternative layout

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?Option Description ?
??
?grp_led:num Num Lock ?
?grp_led:caps Caps Lock ?
?grp_led:scroll Scroll Lock ?
?
??

Use keyboard LED to indicate modifiers

??
?Option Description ?
??
?mod_led:compose Compose ?
?
??

Layout of numeric keypad

??
?
?Option Description ?
??
?
?keypad:legacy Legacy ?

?altwin:left_meta_win Meta is mapped to Left Win ?
?altwin:hyper_win Hyper is mapped to Win ?
?altwin:alt_super_win Alt is mapped to Right Win, Super to Menu ?
?altwin:swap_lalt_lwin Left Alt is swapped with Left Win ?
?altwin:swap_alt_win Alt is swapped with Win ?
?altwin:prtsc_rwin Win is mapped to PrtSc and the usual Win ?

? ?
??

Position of Compose key

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?Option Description ?
??
?compose:ralt Right Alt ?
?compose:lwin Left Win ?
?compose:lwin-altgr 3rd level of Left Win ?
?compose:rwin Right Win ?
?compose:rwin-altgr 3rd level of Right Win ?
?compose:menu Menu ?
?compose:menu-altgr 3rd level of Menu ?
?compose:lctrl Left Ctrl ?
?compose:lctrl-altgr 3rd level of Left Ctrl ?
?compose:rctrl Right Ctrl ?
?compose:rctrl-altgr 3rd level of Right Ctrl ?
?compose:caps Caps Lock ?
?compose:caps-altgr 3rd level of Caps Lock ?
?compose:102 The "< >" key ?
?compose:102-altgr 3rd level of the "< >" key ?
?compose:paus Pause ?
?compose:prsc PrtSc ?
?compose:sclk Scroll Lock ?
? ?

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?nbsp:none	Usual space at any level	?
?nbsp:level2	Non-breaking space at the 2nd level	?
?nbsp:level3	Non-breaking space at the 3rd level	?
?nbsp:level3s	Non-breaking space at the 3rd level, nothing at the 4th level	?
?nbsp:level3n	Non-breaking space at the 3rd level, thin non-breaking space at the 4th level	
?		
?nbsp:level4	Non-breaking space at the 4th level	?
?nbsp:level4n	Non-breaking space at the 4th level, thin non-breaking space at the 6th level	
?		
?nbsp:level4nl	Non-breaking space at the 4th level, thin non-breaking space at the 6th level (via Ctrl+Shift)	
?		
?nbsp:zwnj2	Zero-width non-joiner at the 2nd level	?
?nbsp:zwnj2zwj3	Zero-width non-joiner at the 2nd level, zero-width joiner at the 3rd level	
?		
?nbsp:zwnj2zwj3nb4	Zero-width non-joiner at the 2nd level, zero-width joiner at the 3rd level, non-breaking space at the 4th level	?
?nbsp:zwnj2nb3	Zero-width non-joiner at the 2nd level, non-breaking space at the 3rd level	
?		
?nbsp:zwnj2nb3s	Zero-width non-joiner at the 2nd level, non-breaking space at the 3rd level, nothing at the 4th level	
?		
?nbsp:zwnj2nb3zwj4	Zero-width non-joiner at the 2nd level, non-breaking space at the 3rd level, zero-width joiner at the 4th level	?
?nbsp:zwnj2nb3nnb4	Zero-width non-joiner at the 2nd level, non-breaking space at the 3rd level, thin non-breaking space at the 4th level	?
?nbsp:zwnj3zwj4	Zero-width non-joiner at the 3rd level, zero-width joiner at the 4th level	
?		
?		?

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?Option Description ?

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?japan:kana_lock Kana Lock key is locking ?

?japan:nicola_f_bs NICOLA-F style Backspace ?

?japan:hztg_escape Make Zenkaku Hankaku an additional Esc ?

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Korean Hangu/Hanja keys

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?Option Description ?

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?korean:ralt_hangul Make right Alt a Hangul key ?

?korean:rctrl_hangul Make right Ctrl a Hangul key ?

?korean:ralt_hanja Make right Alt a Hanja key ?

?korean:rctrl_hanja Make right Ctrl a Hanja key ?

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Esperanto letters with superscripts

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?Option Description ?

??

?esperanto:qwerty At the corresponding key in a QWERTY layout ?

?esperanto:dvorak At the corresponding key in a Dvorak layout ?

?esperanto:colemak At the corresponding key in a Colemak layout ?

? ?

??

Old Solaris keycodes compatibility

??

?Option Description ?

??

?solaris:sun_compat Sun key compatibility ?

? ?

??

Key sequence to kill the X server

??

Option	Description	
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??

?terminate:ctrl_alt_bksp	Ctrl+Alt+Backspace	?
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?		?
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??

FILES

/usr/share/X11/xkb/compat

/usr/share/X11/xkb/compiled

/usr/share/X11/xkb/geometry

/usr/share/X11/xkb/keycodes

/usr/share/X11/xkb/keymap

/usr/share/X11/xkb/rules

/usr/share/X11/xkb/semantics

/usr/share/X11/xkb/symbols

/usr/share/X11/xkb/types

SEE ALSO

setxkbmap(1)

X Version 11

xkeyboard-config 2.33

XKEYBOARD-CONFIG(7)