Number Keypad

Number Keypaa Operation Keystroke Function Note											
		lomonto			Note						
The PEL system implements a numlock and non-numlock mode that works when Emacs operates in Graphics mode and also in Terminal (TI mode, despite different key behaviour. The key bindings in non-numlock mode provide access to useful keys for navigation and copy and paperations.											
	pel- toggle- mac- numlock	Not Nu	lumlocked /	*	With PEL, right after pel-init is called, the number keypad is placed in non num-lock mode and 14 of the 18 keys take the special meaning described in the picture to the left. In graphics mode the top-left-most key is bound to pel-toggle-macnumlock to switch the keypad numlock mode on or off.						
	pel-home	forward- line -1	pel- scroll- down	pel-kill- or-delete- marked-or- whole-line	 This key, however, is not bound when Emacs operates in terminal (TTY) mode. To toggle numlock in terminal mode (or also in graphics mode) use the <f11> # key sequence.</f11> 						
		recenter- top-bottom	right-char	pel-copy- marked-or- whole-line	 Four keys implement cursor functionality according to the normal cursor position. The pel-home and pel-end commands are available in the left column. The center key, the 5 key, is bound to recenter-top-bottom. 						
	pel-end		scroll-up	<enter></enter>	 The pel-scroll-down & pel-scroll-up are available in the right column. The big "0" key is mapped to yank The "." key is bound to delete-char. The "-" key is pel-kill-delete-marked-or-whole-line 						
					The "+"key is pel-copy-marked-or-whole-line						
Numlocked pel-					When PEL numlock mode is activated, the behaviour of the keys never to their default meaning.						
-	mac- numlock	-	/	*	Note that PEL activates non-numlock mode by default: to activate the numlock mode you can use the <f11> # key sequence or press the top left-most key (in graphics mode only): this executes pel-togale-mac-</f11>						
	7	8	9	-	numlock.						
_	1	2	3	+							
		0		<enter></enter>							
• <f11> # (pel-toggle-mac-numlock) • <clear></clear></f11>					Toggle PEL numlock mode. With PC computers the top-left-most key is an explicit num-lock key.						
<f11> ?</f11>	k #	(pel-show-	-mac-numlo	ock)	Display state of PEL Keypad num-lock mode.						
					The first of the 3 binding only works when PEL is in non numlock mode, but the other dregardless of the PEL numlock mode.						
• M-w		(pel-copy-	marked-or-	whole-line)	Flexible copy to kill ring.: copy visible region if any, otherwise copy current line to kill ring.						
• <f11> + • <kp- separator=""></kp-></f11>					The copy operation is controlled by the (optional) argument: • If N = 0: copy region (regardless of whether it is visible or not. • If a region is active/visible: copy the region's text. • if no region is active/visible copy N lines: • If no argument, (N=1) copy current line. • If N > 0: copy current line and N-1 following lines. • If I < 0: copy current line and N-1 previous lines. All copied lines are complete. The copied text is saved in the kill-ring. All copy operations are performed by `kill-ring-save' (the original bindin for that key). ■ Replaces standard binding to kill-ring-save which only copies region. ■ In graphics mode: text is also copied to the OS clipboard. ■ In terminal (TTY) mode the keypad + key is interpreted as <kp-separator> on macOS so this key is bound to the command (in non numlock mode)</kp-separator>						
				int)	Copy word at point. • Shows the text copied in the echo area. • See table ∑ Text Modes for information on text modes that affects this • The <f11> t m ? command displays the mode and the <f11> t n prefix allows modifications of the mode. • See changing the word mode to include or exclude some characters as word delimiters: • subword-mode . To toggle that mode: <f11> t m b • superword-mode . To toggle that mode: <f11> t m p</f11></f11></f11></f11>						
• M-+		(pel-copy-	symbol-at-p	point)	Copy symbol at point. Syntax depends on the syntax table for the buffer. Shows the text copied in the echo area. The syntax of the symbol depends on the major mode used by the current buffer.						
	* <f11> clear * <f11 <="" f1=""> clear * <f11 <="" f1="" f1<="" th=""><th>mode, despite differe operations. pel-toggle-mac-numlock pel-home left-char pel-end ya </th><th>The PEL system implements a numode, despite different key behand operations. Not Number pel-toggle-mac-numlock</th><th>The PEL system implements a numlock and mode, despite different key behaviour. The loperations. Not Numlocked Pel-toggle-mac-numlock Pel-toggle-mac-numlock Pel-top-bottom Pel-top-bott</th><th>The PEL system implements a numlock and non-numlock mode, despite different key behaviour. The key bindings is operations. Not Numlocked Pel-toggle-mac-numlock Pel-toggle-mac-numlock Pel-copy-marked-or-whole-line Pel-copy-marked-or-whole-line Pel-copy-marked-or-whole-line Pel-copy-marked-or-whole-line Pel-toggle-mac-numlock Pe</th></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11></f11>	mode, despite differe operations. pel-toggle-mac-numlock pel-home left-char pel-end ya	The PEL system implements a numode, despite different key behand operations. Not Number pel-toggle-mac-numlock	The PEL system implements a numlock and mode, despite different key behaviour. The loperations. Not Numlocked Pel-toggle-mac-numlock Pel-toggle-mac-numlock Pel-top-bottom Pel-top-bott	The PEL system implements a numlock and non-numlock mode, despite different key behaviour. The key bindings is operations. Not Numlocked Pel-toggle-mac-numlock Pel-toggle-mac-numlock Pel-copy-marked-or-whole-line Pel-copy-marked-or-whole-line Pel-copy-marked-or-whole-line Pel-copy-marked-or-whole-line Pel-toggle-mac-numlock Pe						

<u>Operation</u>	Keystroke	!	Fund	ction	<u>Note</u>							
PEL Kill Keypad Keys	The "-" keypad key can also be used for kill operation. The binding only works when PEL is in non numlock mode.											
Kill/Delete marked region/line(s) ★PEL Enhanced Key ★ Available in PEL non numlock mode See also: ▼Cut & Paste	• C-w • <f11> - 1 • <kp- subtract> • %-x</kp- </f11>	(pel-kill-or &optional	r-delete-ma	rked-or-whol		nt line urrent t one. rent one. t. n's text. lways kill When ill ring						
Implementation Notes 6	On macOS key runs in terminal		ber keypads	, the keys ava	ailable when Emacs runs in graphics mode differ from the keys available when	Emacs						
	# "Emacs -Q" Keypad in Graphics mode When Emacs is running in graphical mode, the <clear> key is available and</clear>											
	<cle< td=""><td>ear> =</td><td><kp- divide></kp- </td><td><kp- multiply></kp- </td><td>the number keys are distinguishable from the self-insert digits. The the right-most row are also distinguishable and so is the key labelle decimal>.</td><td></td></cle<>	ear> =	<kp- divide></kp- 	<kp- multiply></kp- 	the number keys are distinguishable from the self-insert digits. The the right-most row are also distinguishable and so is the key labelle decimal>.							
	<kp< td=""><td>-7> <kp-8></kp-8></td><td><kp-9></kp-9></td><td><kp- subtract></kp- </td><td></td><td></td></kp<>	-7> <kp-8></kp-8>	<kp-9></kp-9>	<kp- subtract></kp- 								
	<kp< td=""><td>-4> <kp-5></kp-5></td><td><kp-6></kp-6></td><td><kp-add></kp-add></td><td></td><td></td></kp<>	-4> <kp-5></kp-5>	<kp-6></kp-6>	<kp-add></kp-add>								
	<kp< td=""><td>-1> <kp-2></kp-2></td><td><kp-3></kp-3></td><td><kp-enter></kp-enter></td><td></td><td></td></kp<>	-1> <kp-2></kp-2>	<kp-3></kp-3>	<kp-enter></kp-enter>								
		<kp-0></kp-0>	:p-0>									
	★ "Emacs -Q" Keypad in Terminal.app TTY mo				When Emacs is running in terminal (TTY) mode,							
		=	/	*	 The <clear> key is not detectable.</clear> The +, / and * keys only register as self-insert. The digit keys reg self-insert digits but if we bind the corresponding <kp-digit> key</kp-digit> 							
	<kp< td=""><td>-7> <kp-8></kp-8></td><td><kp-9></kp-9></td><td><kp- subtract></kp- </td><td>is able to handle it properly. On the right-most row the <kp-subtract> is detectable, but the ke is detected as <kp-separator> instead of the normal <kp-add>.</kp-add></kp-separator></kp-subtract></td><td></td></kp<>	-7> <kp-8></kp-8>	<kp-9></kp-9>	<kp- subtract></kp- 	is able to handle it properly. On the right-most row the <kp-subtract> is detectable, but the ke is detected as <kp-separator> instead of the normal <kp-add>.</kp-add></kp-separator></kp-subtract>							
	<kp< td=""><td>-4> <kp-5></kp-5></td><td><kp-6></kp-6></td><td><kp- separator> +</kp- </td><td> Also, the <kp-decimal> is not detected, instead Emcas detects sequence M-O n.</kp-decimal> </td><td></td></kp<>	-4> <kp-5></kp-5>	<kp-6></kp-6>	<kp- separator> +</kp- 	 Also, the <kp-decimal> is not detected, instead Emcas detects sequence M-O n.</kp-decimal> 							
	<kp< td=""><td><kp-2></kp-2></td><td><kp-3></kp-3></td><td>RET</td><td>Under some circumstances, still with unknown trigger, I have that Emacs looses the ability to detect <kp-subtract> and <kp-sepa a="" be="" bug="" could="" in="" it="" just="" macos="" mode.="" or="" pel,="" some<="" td="" terminal=""><td>arator></td></kp-sepa></kp-subtract></td></kp<>	<kp-2></kp-2>	<kp-3></kp-3>	RET	Under some circumstances, still with unknown trigger, I have that Emacs looses the ability to detect <kp-subtract> and <kp-sepa a="" be="" bug="" could="" in="" it="" just="" macos="" mode.="" or="" pel,="" some<="" td="" terminal=""><td>arator></td></kp-sepa></kp-subtract>	arator>						
		<kp-0></kp-0>	M-O n		have not yet identified.	-						