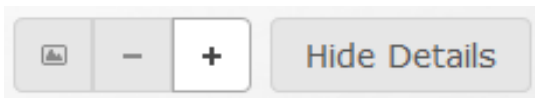# Realize Language: What do the codes mean in the Log page Log column?

When someone uses an AAC device or software, it's possible to log what happens. This might include pressing a button to speak a word, clearing the display, switching to a new page, turning down the volume, and any other action. We call all these *events* and the basic idea behind data logging as a feature is that it is a way to track and record events.

And usually when an event takes place the AAC software creates a special code to mark what happened. These codes may vary slightly from device to device but the Realize Language software can recognize these, which is why it works with a range of software and devices.

Here are list of codes for the specific devices and software. In order to see these you need to be on the **Log** page and set for the *Full Layout* with Details showing:

Note that if you hit the "Hide Details" button you will hide some of the codes, so if you want to explore them all, you need to make sure you are seeing "Hide Details" just as in the image above.

Prentke Romich devices

CODE	MEANING	EXAMPLE		
ACT	A selection was made from an ACTivity Row.	**ACT**	17:47:2	*circle*
CTL	A non-language key activation.	**CTL**	14:56:25	Page transition from QWERTY to MESSAGES.
DWP	Derived Word Prediction; a word generated by being predicted after a regular WPR word prediction.	SPE WPR **DPR**	11:31:33 11:31:35 11:31:37	*s* *speak* *speakers*
LOC	LOCation of a key by Row + Column and [Name of key].	**LOC** **LOC** ACT	15:59:46 15:59:48 15:59:50	I5 [MORNING] E1 [WATER BODIES] B1 *beach*
PAG	A selection was made from a PAGe key.	CTL **PAG** **PAG**	15:09:46 15:09:51 15:09:56	Page transition from SPELL to NUMBERS C2 *one* E5 *forty*
SEM	A key was used in a SEMantic Compaction *sequence*.	LOC **SEM** LOC **SEM** LOC LOC **SEM**	15:58:46 15:58:47 15:58:49 15:58:50 15:58:52 15:58:54 15:58:56	E5 [DOG] C3 [VERB] *come* G2 [CONJ] G2 [CONJ] *and* K6 [TRUCK] E7 [FLY] C3 [VERB] *fly*
SPE	Character is generated by SPElling a single letter/number.	**SPE** **SPE** **SPE** **SPE** **SPE**	09:39:56 09:39:57 09:39:58 09:39:59 09:40:04	D3 [ ] s I2 [ ] u F2 [ ] r E2 [ ] e A2 [SPACE]
WPR	Word Prediction:	SPE SPE **WPR**	10:26:35 10:26:36 10:26:38	C5 *s* H4 *u* F3 *supposed*

TouchChat/LAMP Words for Life Software

CODE	MEANING	EXAMPLE			
CTL	A non-language key activation. Not visible when "Hide details" is selected on the Realize Log page.	**CTL** **CTL** **CTL**	14:55:45 14:56:25 14:58:30	EnableLAM: ON Vocab: Copy LAMP Full PGG (Nav Home): HOME	
DEL	Indicates something has been DELeted, such as a character, word, or contents of the display.	LOC **DEL**	17:01:58 17:01:58	0,2,1 DISPLAY	
LOC	LOCation of a key by Type (typically a 0), Row, and Column. Not visible when "Hide details" is selected on the Realize Log page.	**LOC** **LOC**	15:59:46 15:59:48	0,2,1 0,4,1	
PAG	A selection was made from a PAGe key.	**PAG**	15:09:51	0,2,2	*help*
PGG	Follows a CTL code and specifies the type of Navigation that is happening e.g. to Home, Page, or temporary Visit.	CTL CTL CTL	19:25:54 19:25:58 19:26:03	**PGG** (Nav Home): HOME **PGG** (Visit): Groups **PGG** (Nav Back):	
SPE	Character is generated by SPElling a single letter/number.	**SPE** **SPE** **SPE**	11:31:33 11:31:35 11:31:37	0,7,7 0,5,1 0,3,7	*c* *a* *t*
SPK	Indicates what is actually spoken by the device, which may be different from the text on a button.	PAG **SPK** CTL PAG **SPK**	17:00:53 17:00:53 17:00:54 17:00:54 17:00:54	0,5,4 it it PGG (Visit): IT WORDS 0,2,3 *will* will	

Saltillo NovaChat Devices

CODE	MEANING	EXAMPLE			
ACTION	Specifies a non-speech ACTION that happens when a key is selected. Not visible when "Hide details" is selected on the Realize Log page.	PAG CTL CTL PAG CTL PAG	15:09:51 15:09:56 15:09:51 15:09:56 15:09:56 15:10:02	*I* **ACTION** (Speech Message) **ACTION** <Visit 'Emotion Page' *feel* **ACTION** (Speech Message) *happy*		
CTL	A non-language key activation. Not visible when "Hide details" is selected on the Realize Log page.	**CTL**	14:56:25	ACTION (Static Word Prediction,2)		
LOC	LOCation of a key by Row + Column. Not visible when "Hide details" is selected on the Realize Log page.	**LOC** **LOC**	15:59:46 15:59:48	2,1 4,1		
PAG	A selection was made from a PAGe key.	**PAG**	15:09:51	2,2	*help*	
SPE	Character is generated by SPElling a single letter/number.	**SPE** CTL **SPE** CTL **SPE** CTL **SPE** CTL	14:16:05 14:16:05 14:16:07 14:16:07 14:16:10 14:16:10 14:16:12 14:16:12	5,6 3,9 3,2 9,1	*h* ACTION(Speech Message) *o* ACTION(Speech Message) *w* ACTION(Speech Message) ACTION(Speech Message)	