

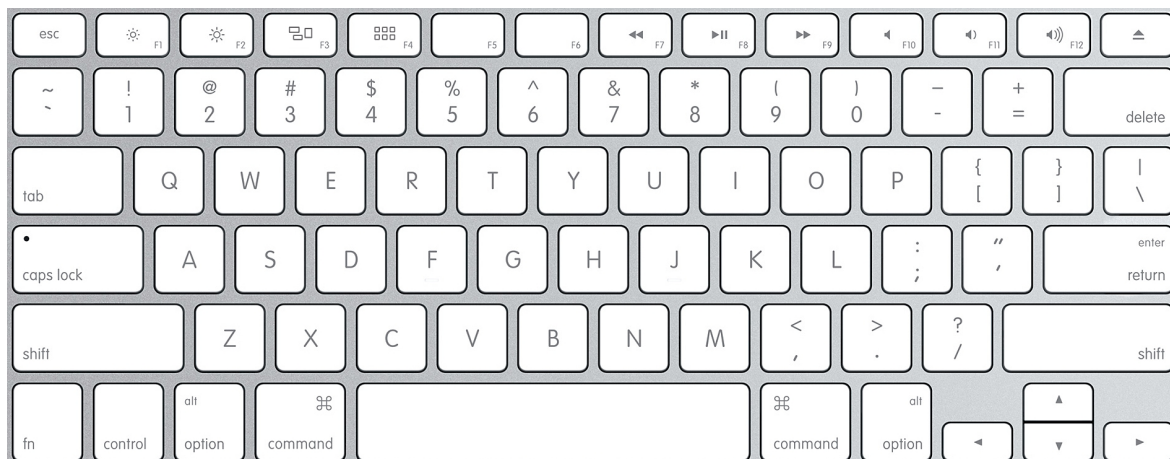
# Sonova UC Unicode Glyph List

Release Date: 2016-05-06

These tables list the available glyphs for Aural Sonology contained in the Sonova font. They are located in the Private Use Area range E000 – E500.

Many of the symbols are designed to be superimposed and are therefore designed so as to not move the insertion point. The Spaces column gives a general indication of this behaviour. A number of 0 (width 0) means the insertion point will remain at the same place. A number in parenthesis indicates approximate width taken up by the sign (indicating how many blank spaces to add after assembling the composite symbol). Further a negative number (-) means that the symbol will occur behind the insertion point, i.e. it is to be added after the symbol it modifies.

The **Key** column refers to the Keyboard Layouts accompanying the Aural Sonology plug-in for the Acousmographie (Macintosh version, released in June 2016). Key strokes corresponds to those printed on a U.S. Keyboard with the characters printed as follows:


















In the lists, modifier keys (⌘ = alt/option and ⇧ = shift) will be shown any time they have to be used, also for uppercase letters.

The symbols are listed by Unicode number, divided into four sections. This division correlates roughly to the four Keyboard Layouts, but there is some overlap of usage between the different analysis methods. E.g. the register range symbol (↓, E2A0) is located together with the Layer symbols, but it also has usage in the Spectromorphology notation.

























Further, the large amount of symbols doesn't allow all symbols to fit on a standard keyboard, so some of the less frequently used are not present in *any* of the Keyboard Layouts, and has to be accessed using other input methods. So, please be aware that the sections in this document doesn't completely match the Keyboard Layouts.

Found a mistake in this document? Please report to: [info@spectromusic.com](mailto:info@spectromusic.com)


































## Sonova UC – Spectromorphology

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E000	57344			space	space	1
E001	57345			$\backslash$ space	1/10 size space	0.1
E002	57346			$\backslash$ '	1/2 size space	0.5
E003	57347				1/20 size space	0.05
E004	57348				1/4 size space	0.25
E005	57349				1/12 size space	0.083
E00C	57356	'	'		single quote (minutes)	1
E00D	57357	"	"		double quote (seconds)	1
E00E	57358	.	.		decimal point	0.5
E00F	57359	,	,		comma	0.5
E010	57360	●	●—	q	pitched	1
E011	57361	◆	◆—	a	dystonic	1
E012	57362	■	■—	z	complex	1
E013	57363	○	○—	↑Q	pitched component	1
E014	57364	◇	◇—	↑A	dystonic component	1
E015	57365	□	□—	↑Z	complex component	1
E016	57366	•		w	pitched low, halfsize (vacillating low)	0 (0.5)
E017	57367	•		i	pitched middle, halfsize	0 (0.5)
E018	57368	•		o	pitched high, halfsize	0 (0.5)
E019	57369	◆		s	dystonic low, halfsize (vacillating low)	0 (0.5)
E01A	57370	◆		k	dystonic middle, halfsize	0 (0.5)
E01B	57371	◆		l	dystonic high, halfsize	0 (0.5)
E01C	57372	■		x	complex low, halfsize (vacillating low)	0 (0.5)
E01D	57373	■		,	complex middle, halfsize	0 (0.5)
E01E	57374	■		.	complex high, halfsize	0 (0.5)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E01F	57375	◦		↘↑U	pitched component low, halfsize	0 (0.5)
E020	57376	◦		↑I	pitched component middle, halfsize	0 (0.5)
E021	57377	◦		↑O	pitched component high, halfsize	0 (0.5)
E022	57378	◊		↘↑j	dystonic component low, halfsize	0 (0.5)
E023	57379	◊		↑K	dystonic component middle, halfsize	0 (0.5)
E024	57380	◊		↑L	dystonic component high, halfsize	0 (0.5)
E025	57381	◻		↘↑M	complex component low, halfsize	0 (0.5)
E026	57382	◻		↑<	complex component middle, halfsize	0 (0.5)
E027	57383	◻		↑>	complex component high, halfsize	0 (0.5)
E028	57384	●	●		pitched, doublesize	2
E029	57385	◆	◆		dystonic, doublesize	2
E02A	57386	■	■		complex, doublesize	2
E02B	57387	○	○		pitched component, doublesize	2
E02C	57388	◇	◇		dystonic component, doublesize	2
E02D	57389	◻	◻		complex component, doublesize	2
E02E	57390			↑`	white noise	1
E02F	57391	♀		e	vacillating pitched middle	0 (0.5)
E030	57392	♀		r	vacillating pitched high	0 (0.5)
E031	57393	♂		d	vacillating dystonic middle	0 (0.5)
E032	57394	♂		f	vacillating dystonic high	0 (0.5)
E033	57395	♂		c	vacillating complex middle	0 (0.5)
E034	57396	♂		v	vacillating complex high	0 (0.5)
E035	57397	I		9	stratified connection beam middle	0

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E036	57398	—		↑W	vacillating sustained low	0 (3)
E037	57399	—		↑E	vacillating sustained middle	0 (3)
E038	57400	—		↑R	vacillating sustained high	0 (3)
E039	57401	----		↑2	vacillating iterated low	0 (3)
E03A	57402	----		↑3	vacillating iterated middle	0 (3)
E03B	57403	----		↑4	vacillating iterated high	0 (3)
E03C	57404	~~~~		↑S	vacillating variable low	0 (3)
E03D	57405	~~~~		↑D	vacillating variable middle	0 (3)
E03E	57406	~~~~		↑F	vacillating variable high	0 (3)
E03F	57407	~~~~		↑X	vacillating variable iterated, low	0 (3)
E040	57408	~~~~		↑C	vacillating variable iterated middle	0 (3)
E041	57409	~~~~		↑V	vacillating variable iterated high	0 (3)
E042	57410	• • •		t	accumulation pitched low	0 (3)
E043	57411	• • •		y	accumulation pitched middle	0 (3)
E044	57412	• • •		u	accumulation pitched high	0 (3)
E045	57413	◆ ◆ ◆		g	accumulation dystonic low	0 (3)
E046	57414	◆ ◆ ◆		h	accumulation dystonic middle	0 (3)
E047	57415	◆ ◆ ◆		j	accumulation dystonic high	0 (3)
E048	57416	■ ■ ■		b	accumulation complex low	0 (3)
E049	57417	■ ■ ■		n	accumulation complex middle	0 (3)
E04A	57418	■ ■ ■		m	accumulation complex high	0 (3)
E04B	57419	○ ○ ○		↑T	accumulation pitched components low	0 (3)
E04C	57420	○ ○ ○		↑Y	accumulation pitched components middle	0 (3)
E04D	57421	○ ○ ○		↑U	accumulation pitched components high	0 (3)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E04E	57422	◇ ◇◇		↑G	accumulation dystonic components low	0 (3)
E04F	57423	◇◇ ◇		↑H	accumulation dystonic components middle	0 (3)
E050	57424	◇◇◇		↑J	accumulation dystonic components, high	0 (3)
E051	57425	□ □□		↑B	accumulation complex components low	0 (3)
E052	57426	□□ □		↑N	accumulation complex components middle	0 (3)
E053	57427	□□□		↑M	accumulation complex components high	0 (3)
E054	57428	/		↘	impulse glissando up	0 (-1)
E055	57429	\		↙	impulse glissando down	0 (-1)
E056	57430	/			glissando up low, halfsize	0 (0.5)
E057	57431	\			glissando down low, halfsize	0 (0.5)
E058	57432	/			glissando up middle, halfsize	0 (0.5)
E059	57433	\			glissando down middle, halfsize	0 (0.5)
E05A	57434	/			glissando up high, halfsize	0 (0.5)
E05B	57435	\			glissando down high, halfsize	0 (0.5)
E05C	57436	- \ \		↑5	accumulation glissandi low	0 (3)
E05D	57437	- / \		↑6	accumulation glissandi middle	0 (3)
E05E	57438	- \ /		↑7	accumulation glissandi high	0 (3)
E05F	57439	- / /			accumulation glissandi up low	0 (3)
E060	57440	- / /			accumulation glissandi up middle	0 (3)
E061	57441	- / /			accumulation glissandi up high	0 (3)
E062	57442	- \ \			accumulation glissandi down low	0 (3)
E063	57443	- \ \			accumulation glissandi down middle	0 (3)
E064	57444	- \ \			accumulation glissandi down high	0 (3)
E065	57445	/			impulse glissando up, doublesize	0 (-2)
E066	57446	\			impulse glissando down, doublesize	0 (-2)


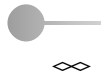

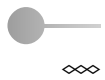

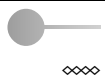

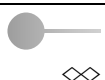

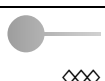

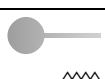

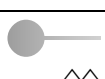

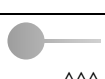

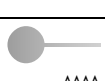

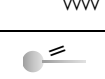


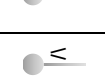


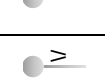


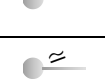


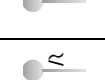


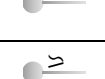


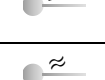


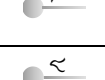


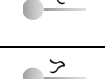


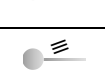


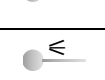


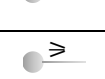

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E070	57456	—		-	prolongation sustained	1
E071	57457	—		=	prolongation iterated	1
E072	57458	.		↘-	prolongation, 1/10 size	0.1
E073	57459	—		↑-	prolongation, double thickness	1
E074	57460	/		/	prolongation glissando up	1
E075	57461	\		\	prolongation glissando down	1
E076	57462				prolongation glissando up, 4xwidth	0 (4)
E077	57463				prolongation glissando down, 4xwidth	0 (4)
E078	57464				prolongation glissando up, 8xwidth	0 (8)
E079	57465				prolongation glissando down, 8xwidth	0 (8)
E07A	57466			↑/	prolongation iterated glissando up	1
E07B	57467			↑\	prolongation iterated glissando down	1
E07C	57468				prolongation iterated glissando up, 4xwidth	0 (4)
E07D	57469				prolongation iterated glissando down, 4xwidth	0 (4)
E07E	57470				prolongation iterated glissando up, 8xwidth	0 (8)
E07F	57471				prolongation iterated glissando down, 8xwidth	0 (8)
E080	57472	•		↑8	staccato point	0 (-0.5)
E081	57473	∞		8	ambient time	1
E082	57474	•		6	transformation start point	0
E083	57475	▷		7	transformation arrow	0.5
E084	57476	[		[	left bracket	0
E085	57477	]		]	right bracket	0
E086	57478				left bracket, half thickness	0
E087	57479				right bracket, half thickness	0
E088	57480	:		;	repetition	0





















































Hex	Decimal	Sign	Example	Key	Designation	Spaces
E089	57481	•			white noise staccato	0 (-0.5)
E08A	57482	.			staccato under	0 (-0.5)
E08B	57483	.			white noise staccato under	0 (-0.5)
E090	57488			↘↑L	connection beam whole line	0
E091	57489			↘↑K	connection beam under	0
E092	57490			↘↑O	connection beam over	0
E093	57491				connection beam under, doublesize	0
E094	57492	⌒		p	legato slur under	0 (2)
E095	57493	⌒		0	legato slur over	0 (2)
E096	57494	,		↘6	small chord connection low	0
E097	57495	,		↘7	small chord connection high	0
E098	57496	(		↑9	left parenthesis	0 (-0.5)
E099	57497	)		↑0	right parenthesis	0 (0.5)
E0A0	57504			↑]	brusque onset / abrupt ending	0
E0A1	57505	!		↑;	sharp onset / sharp ending	0
E0A2	57506			↑'	marked onset / marked ending	0
E0A3	57507	<>		↑=	swelled onset / swelled ending	0
E0A4	57508	<		↑P	gradual onset	0
E0A5	57509	<		↑[	no onset	0
E0A6	57510			↘]	brusque onset, large	0













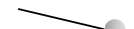



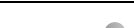
Hex	Decimal	Sign	Example	Key	Designation	Spaces
E0A7	57511	!		~;	sharp onset, large	0
E0A8	57512			~'	marked onset, large	0
E0A9	57513	<>		~=	swelled onset, large	0
E0AA	57514	<		~p	gradual onset, large	0
E0AB	57515	{		~[	no onset, large	0
E0AC	57516	>		~0	soft ending	0
E0AD	57517	~		~8	resonating ending	0
E0AE	57518	<		~9	crescendo ending	0
E0B0	57520	-		~1	spectral brightness very dark, large	0 (-0.5)
E0B1	57521	-		1 ~2	spectral brightness very dark (dark, large)	0 (-0.5)
E0B2	57522	-		2	spectral brightness dark	0 (-0.5)
E0B3	57523	-		3 ~3	spectral brightness middle	0 (-0.5)
E0B4	57524	-		4	spectral brightness very bright	0 (-0.5)
E0B5	57525	-		5 ~4	spectral brightness very bright (bright, large)	0 (-0.5)
E0B6	57526	-		~5	spectral brightness very bright, large	0 (-0.5)
E0C0	57536	~		~m	grain small slow	0 (1)
E0C1	57537	~		~,	grain small middle	0 (1)
E0C2	57538	~		~.	grain, small fast	0 (1)
E0C3	57539	~		~j	grain moderate slow	0 (1)
E0C4	57540	~		~k	grain moderate middle	0 (1)
E0C5	57541	~		~l	grain moderate fast	0 (1)



Hex	Decimal	Sign	Example	Key	Designation	Spaces
E0C6	57542	mm		↘u	grain large slow	0 (1)
E0C7	57543	mm		↘i	grain large middle	0 (1)
E0C8	57544	mm		↘o	grain large fast	0 (1)
E0D0	57552	∞		↘↑V	dynamic gait small slow	0 (1)
E0D1	57553	∞		↘↑B	dynamic gait small middle	0 (1)
E0D2	57554	∞		↘↑N	dynamic gait small fast	0 (1)
E0D3	57555	∞		↘↑F	dynamic gait moderate slow	0 (1)
E0D4	57556	∞		↘↑G	dynamic gait moderate middle	0 (1)
E0D5	57557	∞		↘↑H	dynamic gait moderate fast	0 (1)
E0D6	57558	∞		↘↑R	dynamic gait large slow	0 (1)
E0D7	57559	∞		↘↑T	dynamic gait large middle	0 (1)
E0D8	57560	∞		↘↑Y	dynamic gait large fast	0 (1)
E0D9	57561	:		↘↑;	dynamic gait colon (repetition)	0
E0DA	57562	—		↘↑-	dynamic gait prolongation	0 (1)
E0E0	57568	~		↘v	pitch gait small slow	0 (1)
E0E1	57569	~		↘b	pitch gait small middle	0 (1)
E0E2	57570	~		↘n	pitch gait small fast	0 (1)
E0E3	57571	~		↘f	pitch gait moderate slow	0 (1)
E0E4	57572	~		↘g	pitch gait moderate middle	0 (1)
E0E5	57573	~		↘h	pitch gait moderate fast	0 (1)
E0E6	57574	~		↘r	pitch gait large slow	0 (1)
E0E7	57575	~		↘t	pitch gait large middle	0 (1)
E0E8	57576	~		↘y	pitch gait large fast	0 (1)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E0F0	57584				dynamic gait small slow, doublesize	2
E0F1	57585				dynamic gait small middle, doublesize	2
E0F2	57586				dynamic gait small fast, doublesize	2
E0F3	57587				dynamic gait moderate slow, doublesize	2
E0F4	57588				dynamic gait moderate middle, doublesize	2
E0F5	57589				dynamic gait moderate fast, doublesize	2
E0F6	57590				dynamic gait large slow, doublesize	2
E0F7	57591				dynamic gait large middle, doublesize	2
E0F8	57592				dynamic gait large fast, doublesize	2
E100	57600				ripple time regular	0 (1)
E101	57601				ripple time regular accelerando	0 (1)
E102	57602				ripple time regular ritardando	0 (1)
E103	57603				ripple time oblique	0 (1)
E104	57604				ripple time oblique accelerando	0 (1)
E105	57605				ripple time oblique ritardando	0 (1)
E106	57606				ripple time irregular	0 (1)
E107	57607				ripple time irregular accelerando	0 (1)
E108	57608				ripple time irregular ritardando	0 (1)
E110	57616				flutter time regular	0 (1)
E111	57617				flutter time regular accelerando	0 (1)
E112	57618				flutter time regular ritardando	0 (1)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E113	57619				flutter time oblique	0 (1)
E114	57620				flutter time oblique accelerando	0 (1)
E115	57621				flutter time oblique ritardando	0 (1)
E116	57622				flutter time irregular	0 (1)
E117	57623				flutter time irregular accelerando	0 (1)
E118	57624				flutter time irregular ritardando	0 (1)
E120	57632	<i>p</i>	<i>ppp</i>		dynamics piano	0.5
E121	57633	<i>m</i>	<i>mp</i>		dynamics mezzo	0.5
E122	57634	<i>f</i>	<i>fff</i>		dynamics forte	0.5
E123	57635	<			crescendo, half width	0.5
E124	57636	>			diminuendo, half width	0.5
E125	57637				crescendo, double width	2
E126	57638				diminuendo, double width	2
E127	57639				crescendo, 4xwidth	4
E128	57640				diminuendo, 4xwidth	4
E129	57641				fermata	1
E12A	57642				rhythm stem up	0
E12B	57643	—			Rhythm 16th beam over	0
E12C	57644	—			rhythm 32nd beam over	0
E12D	57645				rhythm stem down	0
E12E	57646	—			rhythm 16th beam down	0
E12F	57647	—			rhythm 32nd beam down	0

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E130	57648	:	:  :		repeat colon left	0 (-0.25)
E131	57649		:  :		repeat double lines	1
E132	57650	:	:  :		repeat colon right	0 (0.25)
E133	57651	//	//		system new line	1
E134	57652	⌘	⌘		simile	1
E150	57680	—		↑1	small chord prolongation low	0
E160	57696	—			prolongation sustained, zero width	0
E161	57697	—			prolongation iterated, zero width	0
E162	57698	—			pitch contour stable high	1
E163	57699	—			pitch contour stable low	1
E164	57700	/			pitch contour gliss. middle to high	1
E165	57701	\			pitch contour gliss. high to middle	1
E166	57702	\			pitch contour gliss. middle to low	1
E167	57703	/			pitch contour gliss. low to middle	1
E168	57704				pitch contour gliss. middle to high, 4×width	0 (4)
E169	57705				pitch contour gliss. high to middle, 4×width	0 (4)
E16A	57706				pitch contour gliss. middle to low, 4×width	0 (4)
E16B	57707				pitch contour gliss. low to middle, 4×width	0 (4)

## Sonova UC – Layers



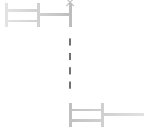
Hex	Decimal	Sign	Example	Key	Designation	Spaces
E200	57856			3	wide layer delimiter	0
E201	57857	-		a	layer width 1:3	0 (0.5)
E202	57858	-		s	layer width 2:3	0 (0.5)
E203	57859	-		d	layer width 3:3	0 (0.5)
E204	57860	-		↑A	strong profile 1:3	0 (0.5)
E205	57861	-		↑S	strong profile 2:3	0 (0.5)
E206	57862	-		↑D	strong profile 3:3	0 (0.5)
E207	57863			q	vertical interrelation 1:3	0
E208	57864			w	vertical interrelation 2:3	0
E209	57865			e	vertical interrelation 3:3	0
E20A	57866	*		z	horizontal interrelation 1:3	0 (-0.5)
E20B	57867	*		x	horizontal interrelation 2:3	0 (-0.5)
E20C	57868	/		↑Q	diagonal interrelation up 1:3	0 (-0.5)
E20D	57869	\		↑Z	diagonal interrelation down 1:3	0 (-0.5)
E20E	57870	/		↑W	diagonal interrelation up 2:3	0 (-0.5)
E20F	57871	\		↑X	diagonal interrelation down 2:3	0 (-0.5)
E210	57872	/		↑E	diagonal interrelation up 3:3	0 (-0.5)
E211	57873	\		↑C	diagonal interrelation down 3:3	0 (-0.5)
E212	57874	/		↑3	diagonal interrelation wide up	0 (1)
E213	57875	\		↘3	diagonal interrelation wide down	0 (1)
E214	57876	•		↘↑S	wide layer cut	0
E215	57877	×		↘↑X	wide layer disjoint	0
E220	57888			2	narrow/thick layer delimiter	0
E221	57889			4	ample layer delimiter	0

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E222	57890	—		f	layer width 1:4	0 (0.5)
E223	57891	-		g	layer width 2:4	0 (0.5)
E224	57892	-		h	layer width 3:4	0 (0.5)
E225	57893	-		j	layer width 4:4	0 (0.5)
E226	57894	—		↑F	strong profile 1:4	0 (0.5)
E227	57895	-		↑G	strong profile 2:4	0 (0.5)
E228	57896	-		↑H	strong profile 3:4	0 (0.5)
E229	57897	-		↑J	strong profile 4:4	0 (0.5)
E22A	57898			r	vertical interrelation 1:4	0
E22B	57899			t	vertical interrelation 2:4	0
E22C	57900			y	vertical interrelation 3:4	0
E22D	57901			u	vertical interrelation 4:4	0
E22E	57902	.		v	horizontal interrelation 1:4	0
E22F	57903	.		b	horizontal interrelation 2:4	0
E230	57904	.		n	horizontal interrelation 3:4	0
E231	57905	/		↑R	diagonal interrelation up 1:4	0 (-0.5)
E232	57906	\		↑V	diagonal interrelation down 1:4	0 (-0.5)
E233	57907	/		↑T	diagonal interrelation up 2:4	0 (-0.5)
E234	57908	\		↑B	diagonal interrelation down 2:4	0 (-0.5)
E235	57909	/		↑Y	diagonal interrelation up 3:4	0 (-0.5)
E236	57910	\		↑N	diagonal interrelation down 3:4	0 (-0.5)
E237	57911	/		↑U	diagonal interrelation up 4:4	0 (-0.5)
E238	57912	\		↑M	diagonal interrelation down 4:4	0 (-0.5)
E239	57913	/		↑2	thick layer diagonal interrelation up	0 (1)
E23A	57914	\		↘2	thick layer diagonal interrelation down	0 (1)
E23B	57915	•		↘↑A	narrow/thick layer cut	0
E23C	57916	×		↘↑Z	narrow/thick layer disjoint	0

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E23D	57917			↑4	ample diagonal interrelation up	0 (1)
E23E	57918			↘4	ample diagonal interrelation down	0 (1)
E23F	57919	•		↘↑D	ample layer cut	0
E240	57920	×		↘↑C	ample layer disjoint	0
E250	57936			↑5	layer delimiter, doublesize	0
E251	57937			' ↑'	vertical layer interrelation, doublesize	0
E252	57938	*		8 ↑8	horizontal interrelation, doublesize	0 (1)
E253	57939			/	diagonal interrelation up, doublesize	0 (1)
E254	57940			\	diagonal interrelation down, doublesize	0 (1)
E260	57952	-		-	layer prolongation line, half width	0.5
E261	57953	-		=	layer prolongation dotted line	1
E262	57954	·		↘-	layer prolongation line, 1/10 width	0.05
E263	57955	-		↑-	layer prolongation doublesize	0.5
E264	57956	·			layer prolongation doublesize, 1/10 width	0.05
E265	57957	■		↑=	layer prolongation line emphasized, doublesize	0.5
E266	57958	'			layer prolongation line emphasized, 1/10 width, doublesize	0.05
E267	57959			k	emerging layer low	0 (1)
E268	57960			l	merging layer low	0 (1)
E269	57961			i	emerging layer high	0 (1)
E26A	57962			o	merging layer high	0 (1)
E26B	57963			↑K	vague layer entry	1
E26C	57964			↑L	vague layer ending	1
E26F	57967			1	entry/ending mode general delimiter	0

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E270	57968	<		↑<	condensed layer sign left	2
E271	57969	>		↑>	condensed layer sign right	2
E272	57970	[		[	layer bracket left	0
E273	57971	]		]	layer bracket right	0
E274	57972	[		↑[	layer bracket left, thin	0
E275	57973	]		↑]	layer bracket right, thin	0
E276	57974	:		;	layer bracket repetition	0
E277	57975	:		↑;	layer bracket repetition, thin	0
E280	57984	F		↘f	layer function foreground	1
E281	57985	M		↘m	layer function middleground	1
E282	57986	B		↘b	layer function background	1
E283	57987	L		↘l	layer function equipoised	1
E284	57988	○		↘o	layer function circle	0 (-1)
E285	57989	(		↘9	layer function parenthesis left	0
E286	57990	)		↘0	layer function parenthesis right	0
E287	57991	/		↘/	mixed layer function slash	0 (0.25)
E288	57992	<i>p</i>		↘↑P	layer dynamics piano	0.5
E289	57993	<i>m</i>		↘↑[	layer dynamics mezzo	0.5
E28A	57994	<i>f</i>		↘↑]	layer dynamics forte	0.5
E28B	57995	Φ		↘q	layer function high predictability	0 (±0.5)
E28C	57996	∇		↘w	layer function medium predictability	0 (±0.5)
E28D	57997	⊕		↘e	layer function low predictability	0 (±0.5)
E290	58000	┌		↘↑1	narrow layer complete	0 (3)
E291	58001	▬		↘↑2	thick layer complete	0 (3)
E292	58002	▮		↘↑3	wide layer complete	0 (3)
E293	58003	▮		↘↑4	ample layer complete	0 (3)












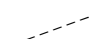


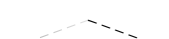

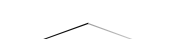

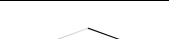

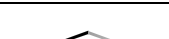
























































Hex	Decimal	Sign	Example	Key	Designation	Spaces
E2A0	58016			$\uparrow 6$	register range	1
E2A1	58017	$($	$($	$\uparrow 9$	layer grouping	0.25
E2A2	58018	$($	$($	$\uparrow 0$	layer grouping, thin	0.5
E2A3	58019	$\vdots$		$\uparrow P$	Layer interruption vertical dotted line	0
E2A4	58020	$\rightarrow$	$\rightarrow$	$\uparrow 7$	general change arrow	2
E2B0	58032	$\in$	$\in R(p) x$	$\neg'$	layer belonging to reference	0.5
E2B1	58033	$\notin$	$\notin R(p) x$	$\neg;$	layer not belonging to reference	0.5
E2B2	58034	$\cup$	$R(p) x \cup R(p) y$	$\neg u$	layer mixture of references	0.5
E2B3	58035	$\cap$	$\cap R(p) x$	$\neg j$	layer belonging partly to reference	0.5
E2B4	58036	$\neg$	$\neg$		negation sign	0.5
E2B5	58037	$+$	$R(t+p) x$	$\neg =$	layer plus sign	0.5
E2C0	58048	R	$R(t+p) x$	$\neg r$	layer reference R	0.5
E2C1	58049	t	$R(t+p) x$	$\neg t$	layer reference rhythmical dimension t	0.5
E2C2	58050	p	$R(t+p) x$	$\neg p$	layer reference tonal dimension p	0.5
E2C3	58051	x	$R(t+p) x$	$\neg x$	layer reference x	0.5
E2C4	58052	y	$R(t+p) y$	$\neg y$	layer reference y	0.5

## Sonova UC – Fields and Dynamic Forms

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E300	58112			9	field demarcation (entry and ending)	0
E301	58113	--		0	object field	1
E302	58114	—		-	phrase field	1
E303	58115	=		=	sentence field	1
E304	58116	≡		]	form field	1
E305	58117	≡			4 lines time-field	1
E306	58118	≡			5 lines time-field	1
E30A	58122	.		↘-	field prolongation line, 1/10 width	0.1
E310	58128			↑9	field demarcation low (entry and ending)	0 (1)
E311	58129	--		↑0	object field low	0 (1)
E312	58130	—		↑-	phrase field low	0 (1)
E313	58131	=		↑=	sentence field low	0 (1)
E314	58132	≡		↑]	form field low	0 (1)
E315	58133	≡			4 lines time-field low	0 (1)
E316	58134	≡			5 lines time-field low	0 (1)
E31A	58138	.		↘↑-	field prolongation line low, 1/10 width	0 (0.1)
E320	58144	✓		v	separate positioning	1
E321	58145	↗		z	bridged positioning	1
E330	58160	↘		.	vague demarcation entry	0
E331	58161	↗		/	vague demarcation ending	0




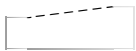

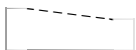








Hex	Decimal	Sign	Example	Key	Designation	Spaces
E332	58162				vague demarcation entry low	0
E333	58163				vague demarcation ending low	0
E334	58164			b	open demarcation	0
E335	58165			n	conclusive demarcation ending	0 (0.5)
E336	58166			m	conclusive demarcation entry	0 (-0.5)
E337	58167			,	cut demarcation	0
E338	58168			x	disjointed demarcation	0
E339	58169			c ,	prolonged demarcation	2
E33A	58170				prolonged demarcation low	0 (2)
E33B	58171				prolonged demarcation ending	0 (1)
E33C	58172				prolonged demarcation entry	0 (2)
E33D	58173				prolonged demarcation open	0 (2)
E340	58176				object field ending	0 (-1)
E341	58177				phrase field ending	0
E342	58178				sentence field ending	0 (-1)
E343	58179				form field ending	0 (-1)
E344	58180				4 lines field ending	0 (-1)
E345	58181				5 lines field ending	0 (-1)
E34F	58191				dynamic form prolongation line, 1/10 width	0.1

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E350	58192			4 r f ,	form-building function vertical line	0
E351	58193	—		y	form-building function baseline	1
E352	58194	⋯ —		s	presence oriented faint	1
E353	58195	⋯ —		w	presence oriented	1
E354	58196	⋯ —		2	presence oriented emphasized	1
E355	58197			↘s	presence oriented faint complete	4
E356	58198			↘w	presence oriented complete	4
E357	58199			↘2	presence oriented emphasized complete	4
E358	58200			a	forward oriented faint	0 (4)
E359	58201			d	backward oriented faint	0 (4)
E35A	58202			q	forward oriented	0 (4)
E35B	58203			e	backward oriented	0 (4)
E35C	58204			1	forward oriented emphasized	0 (4)
E35D	58205			3	backward oriented emphasized	0 (4)
E35E	58206			↘a	forward oriented faint complete	4
E35F	58207			↘d	backward oriented faint complete	4
E360	58208			↘q	forward oriented complete	4
E361	58209			↘e	backward oriented complete	4
E362	58210			↘1	forward oriented emphasized complete	4
E363	58211			↘3	backward oriented emphasized	4

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E364	58212			6	form-building function faint vertical line	0
E365	58213			h	presence oriented faint	0 (1)
E366	58214			5	forward oriented secondary	0 (4)
E367	58215			7	backward oriented secondary	0 (4)
E36A	58218			t ~g	forward oriented diagonal	0 (4)
E36B	58219			u ~j	backward oriented diagonal	0 (4)
E36C	58220			~t	forward oriented diagonal	0 (4)
E36D	58221			~u	backward oriented diagonal	0 (4)
E36E	58222			~5	forward oriented emphasized diagonal	0 (4)
E36F	58223			~7	backward oriented emphasized diagonal	0 (4)
E370	58224			↑4 ↑R ↑F ↑~	form-building function vertical line high	0
E371	58225			~z	form-building function baseline zero width	0 (1)
E372	58226			↑S	presence oriented faint high	1
E373	58227			↑W	presence oriented high	1
E374	58228			↑2	presence oriented emphasized high	1
E375	58229			~↑S	presence oriented faint complete high	4
E376	58230			~↑W	presence oriented complete high	4
E377	58231			~↑2	presence oriented emphasized complete high	4
E378	58232			↑A	forward oriented faint high	0 (4)
E379	58233			↑D	backward oriented faint high	0 (4)











































Hex	Decimal	Sign	Example	Key	Designation	Spaces
E37A	58234			↑Q	forward oriented high	0 (4)
E37B	58235			↑E	backward oriented high	0 (4)
E37C	58236			↑1	forward oriented emphasized high	0 (4)
E37D	58237			↑3	backward oriented emphasized high	0 (4)
E37E	58238			↘↑A	forward oriented faint complete high	4
E37F	58239			↘↑D	backward oriented faint complete high	4
E380	58240			↘↑Q	forward oriented complete high	4
E381	58241			↘↑E	backward oriented complete high	4
E382	58242			↘↑1	forward oriented emphasized complete high	4
E383	58243			↘↑3	backward oriented emphasized complete high	0
E384	58244			↑6	vertical line secondary high	0
E385	58245			↑H	presence oriented secondary high	0 (1)
E386	58246			↑5	forward oriented secondary high	0 (4)
E387	58247			↑7	backward oriented secondary high	0 (4)
E38A	58250			↑T ↘↑G	forward oriented faint diagonal high	0 (4)
E38B	58251			↘↑J	backward oriented faint diagonal high	0 (4)
E38C	58252			↘↑T	forward oriented diagonal high	0 (4)
E38D	58253			↘↑U	backward oriented diagonal high	0 (4)
E38E	58254			↘↑5	forward oriented emphasized diagonal, high	0 (4)
E38F	58255			↘↑7	backward oriented emphasized diagonal high	0 (4)
E390	58256	○	○	↘o	goal sign	1
E391	58257	( )	(○)	↘p	goal evasion parenthesis	0 (-2)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E392	58258	⊗	⊗	↖i	goal cancellation	1
E393	58259	°	°	o	goal sign above	0
E394	58260	( )	( )	p	goal evasion parenthesis above	0
E395	58261	⊗	⊗	i	goal cancellation above	0
E396	58262	°	°	↑O	goal sign above, high	0
E397	58263	( )	( )	↑P	goal evasion parenthesis above, high	0
E398	58264	⊗	⊗	↑I	goal cancellation above, high	0
E3A0	58272	▼	▼	↑Z	weighted point	1
E3A1	58273	○	⊙	↑C	goal point	0 (-1)
E3A2	58274		↓	↑B	separation point	0 (-1)
E3A3	58275	↗	↘	↑X	release point	0 (-1)
E3A4	58276		▼	↑N	termination point	0 (-1)
E3A5	58277	▼	▼	↑V	affirmation point	1
E3A6	58278	.	▼	↑, M	warning point	0 (-1)
E3B0	58288	{	{	↖[	curly bracket left	0.25
E3B1	58289	}	}	↖]	curly bracket right	0.25
E3B2	58290	{	{	↖↑[	curly bracket left , thin	0.25
E3B3	58291	}	}	↖↑]	curly bracket right, thin	0.25
E3C0	58304	--	--	↖h	presence oriented faint zero width	0 (1)
E3C1	58305	—	—	↖y	presence oriented zero width	0 (1)
E3C2	58306	—	—	↖6	presence oriented emphasized zero width	0 (1)
E3C3	58307	--	--	↖↑h	presence oriented faint zero width, high	0 (1)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E3C4	58308	—		↖↑y	presence oriented zero width, high	0 (1)
E3C5	58309	—		↖↑6	presence oriented emphasized zero width, high	0 (1)
E3CA	58314				forward oriented faint middle to high	0 (4)
E3CB	58315				backward oriented faint diagonal high to middle	0 (4)
E3CC	58316				forward oriented diagonal middle to high	0 (4)
E3CD	58317				backward oriented diagonal high to middle	0 (4)
E3CE	58318				forward oriented emphasized diagonal middle to high	0 (4)
E3CF	58319				backward oriented emphasized diagonal high to middle	0 (4)



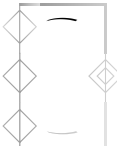
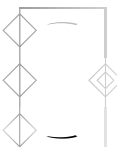











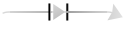












## Sonova UC - Form























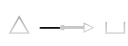





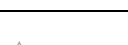







Hex	Decimal	Sign	Example	Key	Designation	Spaces
E400	58368			q	very simple	0 (±1)
E401	58369			a	very simple opening	0 (±1)
E402	58370			z	very simple closing	0 (±1)
E403	58371			w	relatively simple	0 (±1)
E404	58372			s	relatively simple opening	0 (±1)
E405	58373			x	relatively simple closing	0 (±1)
E406	58374			e	medium complex	0 (±1)
E407	58375			d	medium complex opening	0 (±1)
E408	58376			c	medium complex closing	0 (±1)
E409	58377			r	relatively complex	0 (±1)
E40A	58378			f	relatively complex opening	0 (±1)
E40B	58379			v	relatively complex closing	0 (±1)
E40C	58380			t	very complex	0 (±1)
E40D	58381			g	very complex opening	0 (±1)
E40E	58382			b	very complex closing	0 (±1)
E40F	58383			y	internally complex globally simple	0 (±1)
E410	58384			↑Q	texture very simple	0 (±1)
E411	58385			↑A	texture very simple opening	0 (±1)
E412	58386			↑Z	texture very simple closing	0 (±1)
E413	58387			↑W	texture relatively simple	0 (±1)
E414	58388			↑S	texture, relatively simple opening	0 (±1)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E415	58389			↑X	texture relatively simple closing	0 (±1)
E416	58390			↑E	texture medium complex	0 (±1)
E417	58391			↑D	texture medium complex opening	0 (±1)
E418	58392			↑C	texture medium complex closing	0 (±1)
E419	58393			↑R	texture relatively complex	0 (±1)
E41A	58394			↑F	texture, relatively complex, opening	0 (±1)
E41B	58395			↑V	texture relatively complex closing	0 (±1)
E41C	58396			↑T	texture very complex	0 (±1)
E41D	58397			↑G	texture very complex opening	0 (±1)
E41E	58398			↑B	texture very complex closing	0 (±1)
E41F	58399			↑Y	texture overly complex	0 (±1)
E420	58400	—		↘2	prägnanz relatively simple	0
E421	58401	—		↘3	prägnanz medium complex	0
E422	58402	—		↘4	prägnanz relatively complex	0
E430	58416			1 ↑1 ↘1	form connection vertical line	0
E431	58417	—		- 2	form connection horizontal high	1
E432	58418	-		= 3	form connection dotted line high	1
E433	58419	...		4	form connection fragment dot and line high	1
E434	58420	.		5	form connection fragment dot between lines high	1

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E435	58421	.		6 8	form connection fragment dot over line	0
E436	58422	.			form connection high, 1/10 width	0.1
E441	58433	—		↑- ↑2	form connection horizontal low	0 (1)
E442	58434	-		↑= ↑3	form connection dotted line low	0 (1)
E443	58435	...		↑4	form fragment dot and line low	0 (1)
E444	58436	.		↑5	form fragment dot between lines low	0 (1)
E445	58437	.		↑6 ↑8	form fragment dot under line	0 (0)
E446	58438	.			form connection low, 1/10 width	0 (0.1)
E450	58448			\ ↑\ ↘\	form connection vertical line, doublesize	0
E451	58449	—		]	form connection horizontal high, doublesize	1
E452	58450	—		↑]	form connection low, doublesize	1
E453	58451	.			form connection high, 1/10 width, doublesize	0.1
E454	58452	.			form connection low, 1/10 width, doublesize	0.1
E470	58480	=		u	recurrence	0 (0.5)
E471	58481	≈		i	great similarity	0 (0.5)
E472	58482	≈		o	remote similarity	0 (0.5)
E473	58483	≠		j	related contrast	0 (0.5)
E474	58484	≠		k	great contrast	0 (0.5)
E475	58485	≠		l	unrelated contrast	0 (0.5)

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E476	58486	.		p	great contrast dot	0 (0.5)
E477	58487	=	=	↑U	recurrence, doublesize	0 (1)
E478	58488	≈	≈	↑I	remote similarity, doublesize	0 (1)
E479	58489	≈	≈	↑O	great similarity, doublesize	0 (1)
E47A	58490	≈	≈	↑J	related contrast, doublesize	0 (1)
E47B	58491	≈	≈	↑K	great contrast, doublesize	0 (1)
E47C	58492	≈	≈	↑L	unrelated contrast, doublesize	0 (1)
E47D	58493	.		↑P	great contrast dot, doublesize	0 (1)
E480	58496	—		9	slur high	0 (2)
E481	58497	—		0	slur low	0 (2)
E490	58512	↷		↷	general change arrow, small	1
E491	58513	—		m	transformation start	0.5
E492	58514	—		/	transformation prolongation	0.5
E493	58515	➤		↑'	directed transformation	1
E494	58516	◀		,	transformation arrow start	1
E495	58517	▶		.	transformation arrow end	1
E496	58518	—		↑M	transformation start under	0.5
E497	58519	◀		↑,	transformation arrow start under	1
E498	58520	▶		↑.	transformation arrow end under	1

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E499	58521			; ↑;	discontinuous transformation	0 (1)
E4A0	58528			↘x	awareness concentration	2
E4A1	58529	•		↘a	awareness dot left	0 (0.25)
E4A2	58530	•		↘d	awareness dot right	0 (2)
E4A3	58531	•		↘q	awareness dot bottom	0 (2)
E4A4	58532	•		↘e	awareness dot top	0 (2)
E4A5	58533	—		↘s	awareness horizontal line	0 (2)
E4A6	58534			↘w	awareness, vertical line	0 (2)
E4A7	58535			↘z	awareness lull	0 (2)
E4A8	58536			↘c	awareness cancelation	0 (2)
E4B0	58544	<<<	<<<	↘↑A	high friction object/phrase	2
E4B1	58545	<<	<<	↘↑S	middle friction object/phrase	2
E4B2	58546	<	<	↘↑D	low friction object/phrase	2
E4B3	58547	>	>	↘↑F	low flow object/phrase	2
E4B4	58548	>>	>>	↘↑G	middle flow object/phrase	2
E4B5	58549	>>>	>>>	↘↑H	high flow object/phrase	2
E4B8	58552	⇐	⇐	↘↑Z	high friction sentence/form	2
E4B9	58553	⇐	⇐	↘↑X	friction sentence/form	2
E4BA	58554	⇒	⇒	↘↑C	flow sentence/form	2
E4BB	58555	⇒	⇒	↘↑V	high flow sentence/form	2
E4BC	58556	⇔	⇔	↘↑B	uncertain tendency sentence/form	2
E4BD	58557	⇔	⇔	↘↑N	conflicting tendencies sentence/form	2

Hex	Decimal	Sign	Example	Key	Designation	Spaces
E4C0	58560				enfolded	2
E4C1	58561				unfolded	2
E4C2	58562				concord	2
E4C3	58563				discord	2
E4C4	58564				uncertainty	2
E4C5	58565				certainty	1
E4C6	58566				emphasize underscore	0 (2)
E4D0	58576				contextual meanings transformation prolongation	2
E4D1	58577				contextual meanings transformation point	0
E4D2	58578				contextual meanings transformation arrow	1
E4D3	58579				contextual meanings parenthesis left	0
E4D4	58580				contextual meanings parenthesis right	0