

<b>instrument/nki</b>	<b>CC1 value</b>	<b>actual sound</b>
0-FullRangeNormal	0-127	normal sound
1-FullRangeNormal_Pos1-FullEString	0-39	normal sound
	40-79	first position -without nail - no vibrato
	80-127	first position -with nail- no vibrato
2-FullRangeNormal_Dolce_Metallico	0-39	normal sound
	40-79	dolce tasto
	80-127	metallico ponticello
3-FullRangeNormal-Bream-Williams	0-39	normal sound
	40-79	Julian Bream sound
	80-127	John Williams sound
4-FullRangeEspressivo-all	1-29	normal sound
	30-59	espressivo
	60-79	molto espressivo
	80-127	vertical vibrato
5-FullRangeNormal_slides	0-64	normal sound
	65-127	slides upwards
6-OpenStringsNorm-Tasto-Metallico	0-39	open strings normal sound
	40-79	open strings dolce
	80-127	open strings metallico
7-FullRangeNormal-Portamento-all	0-19	normal sound
	20-39	portamento up 2 on nylon strings
	40-59	portamento up 3-4 on nylon strings
	60-79	portamento up 7-8 on nylon strings
	80-89	portamento up 2 on bass strings
	90-99	portamento up 3-4 on bass strings
	100-119	portamento up 7-8 on bass strings
8-FullRangeNormal_Slurs UpDw	120-127	portamento down 4-5 on nylon strings
	0-39	normal sound
	40-79	slurs up: hammering
	80-120	slurs down: pulling
	120-127	slurs down to open strings
9-FullRangeStaccatoAll EQ-vel	0-39	normal sound
	40-79	staccato (short)
	80-127	staccatissimo (very short)
10-Pizzicato all	0-39	normal sound
	40-79	normal pizzicato
	80-127	Bartok pizzicato
11-Trills-min2-maj2	0-39	normal sound
	40-79	trill minor 2/ half tone, looped
	80-127	trill major 2/ whole tone, looped
12-HarmonicsNat-all	0-19	harmonics natural XII
	20-39	harmonics natural VII
	40-59	harmonics natural V
	60-79	harmonics natural IX
	80-99	harmonics natural VII
	100-127	harmonics natural XII VII V no doubles
13-HarmArt-all	0-39	harmonics artificial full range
	40-79	harmonics artificial XII
	80-127	harmonics artificial XIX
	120-127	harmonics ad lib on bass strings
14-AllStringsOpen-Harmonics-all	0-64	6 strings open simultaneously
	65-127	6 strings hamrmonics XII VII V IX simultaneously

15-Tremolando1and2_strings eb	0-19 20-39 40-59 60-79 80-99 100-127	soft tremolando on e & b; only e string soft tremolando on e & b; only e string, looped soft tremolando on e & b; minor 3 soft tremolando on e & b; minor 3, looped soft tremolando on e & b; major 3 soft tremolando on e & b; major 3, looped
16-Scordatura6-5-detuning	0-19 20-39 40-59 60-79 80-99 100-127	6=D open & harmonics 6=Eb open & harmonics 6=F open & harmonics 5=G open & harmonics 5=Ab open & harmonics detuning down 6 & 5, open & harmonics
17-FXall see futher specifications: appendix 1	0-19 20-39 40-59	FX basics (see appendix1) crossed strings IX X XI XII crossed strings IX X XI XII looped
18-Bending-Tambora	0-29 30-59 60-79 80-127	bending up down fast bending up down slow tambora full range tambora with nail, only on e
19-Stringnoise	0-127	different squeezes
20-Resonance 654	0-127	sympathic resonance of Ead
<b>Flamenco techniques</b>		
21-Punteado_2_3_strings	0-19 20-39 40-59 60-79 80-99 100-127 CC2: 65-127	minor 3 on be major 3 on be perfect fourth on be E chord on gbe Em chord on gbe C chord on gbe punteado on string, full range
22-Punteado6Strings_A_maj-min_UpDw see futher specifications: appendix 2		A on gbe up-down Am on gbe up-down A forced down A forced up Am forced down Am forced up
23-Punteado1StringFull	CC3:0-64 0-127	punteado on string, full range punteado on string, full range
24-Rasg-A-Am-E-Em-E7	0-19 20-39 40-59 60-79 80-127	rasgueado on gbe: Am rasgueado on gbe: A rasgueado on dgbe: E rasgueado on dgbe: Em rasgueado on dgbe: E7
25-Thumb-Callo-y-uno	0-127	special flamenco thumb sound
26-ChasquidoChords	0-39 40-79 80-127	chord damped after attack: major chord damped after attack: minor chord damped after attack: seventh