

MANUAL AUTHENTIC GUITAR VSTi

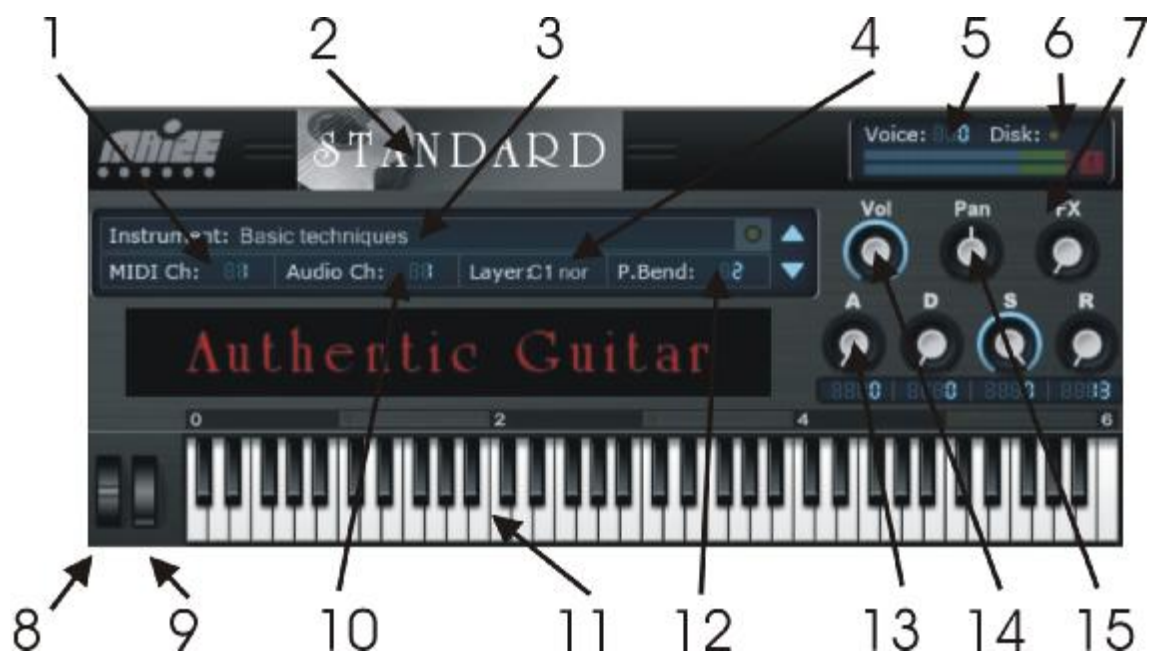
Herewith the manual for Authentic Guitar. It's easy to see which instrument is included in the Standard and/or World version. Information on the Basic version you'll find at the last page.

Please note, that MIDI channel and instrument choice always will have to match!

The difference between the layers in *5 velocity layers: strong* is a bit more pronounced than in the *4 velocity layers: soft* version. So there are actually two 'normal' instruments!

Alternating samples or just changing patches can be done by **keyswitching** or **changing the modwheel settings** (CC1) within one instrument in most cases.

INTERFACE



1. Midi channel, this can be altered, but be sure not to double channels, unless you want specific and moreover uncommon results
2. Version of the plugin: this can be Standard, World, Basic or Lite
3. **Instrument**: actually more a *collection of patches*, channel related, contains a maximum of 12 patches (here called 'layers'). Click on of the two blue arrows right of the middle to open another instrument. Don't forget to change your channel settings e.g. on your controller also in this case.
4. 'Layers': actually the **patches** (so don't confuse it with *velocity layers*), they can be accessed by keyswitching or modwheel (CC1) settings, see the detailed overview of instruments here below. Just left click on this item to open this menu
5. Numbers of voices involved
6. Disk streaming activity indicator
7. FX: the reverb has been disabled to reduce the CPU load. Most users will have their own reverb plugin(s) anyway themselves
8. Pitchwheel: if activated you can use it for slight intonation changes if you want. For a normal glissando you can use all kind of patches. For 'open strings' for example pitchbend has been disabled. The number 1 means: one semitone.
9. Modwheel: as alternative for patch change via keyswitching, within one instrument (see: 3)
10. Audio channel outputs

11. Keyboard, please note that octave number settings may be different than in your sequencer. C1 on this keyboard has midi note number 24. Actual notes are not yet visible in this version yet. Don't worry: you'll hear what you can expect, *usual* range: from D1 up to B4 according this keyboard.
12. Pitchbend: number of semitones
13. ADSR: here you change attack, decay, sustain and release settings. Moreover the release parameter has influence on the degree of legato. We advice to leave settings as they are.
14. Volume
15. Panning

INSTRUMENTS & PATCHES

CC1: Modwheel setting - Key: C1 to B1 (Midi note numbers: 24-35) – patch - range



CC1	Key	Instrument/channel 1 (Pitchbend enabled) normal techniques & string release noise* (C#5-D#5)	Note number	
			low	high
1-10	C1	normal sound - 5 velocity layers: strong	D2	B5
11-21	C#1	espressivo - 2 velocity layers: strong	D#2	B5
22-31	D1	molto espressivo - 3 velocity layers	D#2	B5
32-43	D#1	first position -without nail - no vibrato *	D2	G5
44-53	E1	first position -with nail - no vibrato *	D2	G5
54-63	F1	dolce tasto *	D2	B5
64-74	F#1	metallico ponticello *	D2	B4
75-85	G1	slurs up: hammering	F2	B5
86-95	G#1	slurs down: pulling	E2	B5
96-106	A1	staccato (short) * 2 velocity layers	D2	B5
107-117	A#1	staccatissimo (very short) * 3 velocity layers	D2	B5
118-127	B1	vertical vibrato * (as used in jazz, pop, flamenco)	F2	G5



CC1	Key	Instrument/channel 2 open strings : E2-A2-D3-G3-B3-E4	low	high
1-10	C1	open strings normal sound		
11-21	C#1	open strings dolce		
22-31	D1	open strings metallico		
32-43	D#1	6 strings normal + harmonics XII VII V IX simultaneously		
44-53	E1	6=D open & harmonics	see below	
54-63	F1	6=Eb open & harmonics	see below	
64-74	F#1	6=F open & harmonics	see below	
75-85	G1	5=G open & harmonics	see below	
86-95	G#1	5=Ab open & harmonics	see below	
96-106	A1	detuning down 6 & 5, open & harmonics	see below	
107-117	A#1	harmonics natural XII VII V no doubles		
118-127	B1	Open strings from 1st position patch		

6 strings simultaneously

		normal	dolce	metallico	rasgueado	tambora	
32-43	D#1	All open	E2	F2	F#2	G2	G#2
		All harmonics XII	E3	F3	F#3	G3	G#3
		All harmonics IX	A#3	B3	C4	C#4	D4
		All harmonics VII	E4	F4	F#4	G4	G#4
		All harmonics V	E5	F5	F#5	G5	G#5

Open strings altered

			3 vel	normal	dolce	metallico	harmonics
44-53	E1	6=D open & harmonics	C#2	D2	D#2	E2	D3/A3/D4
54-63	F1	6=Eb open & harmonics	D2	D#2	E2	F2	C#3/G#3/C#4
64-74	F#1	6=F open & harmonics	E2	F2	F#2	G2	F3/C4/F4
75-85	G1	5=G open & harmonics	F#2	G2	G#2	A2	G3/D4/G4
86-95	G#1	5=Ab open & harmonics	G2	G#2	A2	A#2	G#3/D#3/G#4
96-106	A1	detuning down 6 & 5 also harmonics	starts on:				
		E to D	D2				
		E to Eb	D#2				
		A to G	A3				
		A to Ab	A#3				
		E to D harmonics XII	D2				
		E to Eb harmonics XII	D#3				
		A to G harmonics XII	A4				
		A to Ab harmonics XII	A#4				



Instrument/channel 3 (Pitchbend enabled)

Please keep in mind that the glissando patches should start before the actual position in the score/piano roll. This is due to the fact that the main note is preceded by the glissando itself.

CC1	Key	easy espressivo (pitched on target note *)		
1-10	C1	normal sound - 4 velocity layers: soft	D2	B5
11-21	C#1	espressivo	D#2	B5
22-31	D1	molto espressivo	D#2	B5
32-43	D#1	gliss up 2 on nylon strings *	A3	B5
44-53	E1	gliss up slow 4 on nylon strings *	C4	B5
54-63	F1	gliss up fast 4 on nylon strings *	C4	B5
64-74	F#1	gliss up 8 on nylon strings *	A4	B5
75-85	G1	gliss up 2 on bass strings *	A2	F#4
86-95	G#1	gliss up 4 on bass strings *	A2	F#4
96-106	A1	gliss up 8 on bass strings *	E3	E4
107-117	A#1	slides	F2	A#5
118-127	B1	gliss down 4 on nylon strings *	F2	G5



Instrument/channel 4 (Pitchbend enabled)

Please keep in mind that the glissando patches should start before the actual position in the score/piano roll. This is due to the fact that the main note is preceded by the glissando itself.

CC1	Key	easy molto espressivo (pitched on target note *)		
1-10	C1	normal sound - 4 velocity layers: soft	D2	B5
11-21	C#1	espressivo	D#2	B5
22-31	D1	molto espressivo	D#2	B5
32-43	D#1	gliss up 2 on nylon strings *	A3	B5
44-53	E1	gliss up slow 4 on nylon strings *	C4	B5
54-63	F1	gliss up fast 4 on nylon strings *	C4	B5
64-74	F#1	gliss up 8 on nylon strings *	A4	B5
75-85	G1	gliss up 2 on bass strings *	A2	F#4
86-95	G#1	gliss up 4 on bass strings *	A2	F#4
96-106	A1	gliss up 8 on bass strings *	E3	E4
107-117	A#1	slides	F2	A#5
118-127	B1	gliss down 4 on nylon strings *	F2	G5



Instrument/channel 5 (Pitchbend enabled)

CC1	Key	slurs and pizzicato	low	high
1	C1	normal sound - 4 velocity layers: soft	D2	B5
11	C#1	espressivo	D#2	B5
22	D1	molto espressivo	D#2	B5
32	D#1	slurs up: hammering	D#2	B5
44	E1	slurs down: pulling	D2	B5
54	F1	slurs down to open strings		
64	F#1	trill minor 2/ half tone, looped	E2	F#5
75	G1	trill major 2/ whole tone, looped	E2	F#5
86	G#1	normal pizzicato	D2	B5
96	A1	snap pizzicato	D2	B5



Instrument/channel 6

CC1	Key	harmonics	low	high
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1-10	C1	open strings normal sound - 4 velocity layers: soft	D2	B5
11-21	C#1	harmonics natural XII		
22-31	D1	harmonics natural VII		
32-43	D#1	harmonics natural V		
44-53	E1	harmonics natural IX		
54-63	F1	harmonics natural XII VII V no doubles		
64-74	F#1	harmonics artificial full range		
75-85	G1	harmonics artificial XII		
86-95	G#1	harmonics artificial XIX		
96-106	A1	harmonics artificial XII & XIX no doubles		
107-117	A#1	harmonics ad lib on bass strings	D4	B4



Instrument/channel 7			low	high
CC1	Key	FX		
1-10	C1	FX basics (see below)		
11-21	C#1	crossed strings IX X XI XII	C#3/E3 B3/D4	C#5/E5
22-31	D1	crossed strings IX X XI XII looped	C#3/E3 B3/D4	C#5/E5
32-43	D#1	bending up down fast	F2	B5
44-53	E1	bending up down slow	F2	B5
54-63	F1	tambora full range	E2	G5
64-74	F#1	tambora with nail, only on e	E4	G5
75-85	G1	release string noise short (extended)	C3	D#4
86-95	G#1	release string noise short medium length	C3	E4
96-106	A1	Placing fingers string noise: left of fingers LH	F#2	A5

FX lite:

E2	6th string beside fretboard low *
F2	6th string beside fretboard med *
F#2	chasquido effect
G2	chasquido effect
G#2	golpe on wood 1
A2	golpe on wood 2
A#2	tremolo hit string LH and RH1 on fretboard between frets XII and XIX **
B2	tremolo hit string LH and RH2 on fretboard between frets XII and XIX **
C3	tremolo hit string LH and RH3 on fretboard between frets XII and XIX **
C#3	tremolo hit string LH and RH4 on fretboard between frets XII and XIX **
D3	golpe on wood_side 1
D#3	golpe on wood_side 2
E3	golpe on wood_side 3
F3	hit all strings against fretboard
F#3	hit all strings against fretboard 2
G3	hit low E-string against fretboard
G#3	with finger 1 on L bridge 6 to 1
A3	hit strings LH high, with damped strings RH 1
A#3	hit strings LH high, with damped strings RH 2
B3	hit strings LH high, with damped strings RH 3
C4	hit strings LH high, with damped strings RH 4
C#4	hit strings LH med, with damped strings RH 1
D4	hit strings LH med, with damped strings RH 2
D#4	hit strings LH med, with damped strings RH 3

E4 hit strings LH med, with damped strings RH 4
 F4 hit strings LH med, with damped strings RH 5
 F#4 hit strings LH med, with damped strings RH 6
 G4 hit strings LH with damped strings RH 1
 G#4 hit strings LH with damped strings RH 2
 A4 hit strings LH with damped strings RH 3
 A#4 rasgueado damped LH
 B4 nail on bridge R1
 C5 nail on bridge R2
 C#5 nail on wood 1
 D5 nail on wood 2
 D#5 nail on wood 3
 E5 with nail on R bridge 1 to 6
 F5 with nail on R bridge 6 to 1
 F#5 scraping 6 very slow
 G5 scraping 6 slow
 G#5 scraping 6 slow



Instrument/channel 8

CC1	Key	Strokes & string release noise* (C#5-D#5)	low	high
1-10	C1	single notes on string, full range *	D2	B5
11-21	C#1	minor 3 on be	C#4	E5
22-31	D1	major 3 on be	C4	E5
32-43	D#1	perfect fourth on be	B3	E5
44-53	E1	E on gbe up down		see below
54-63	F1	Em on gbe up down		see below
64-74	F#1	C on gbe up down		see below
75-85	G1	A on gbe up down		see below
86-95	G#1	Am on gbe up down		see below

Strokes down-up

			position	root note down	root note up
44	E1	E on gbe up down	I up to XIV	G#3	G#5
54	F1	Em on gbe up down	I up to XIV	G3	G5
64	F#1	C on gbe up down	I up to XIV	G3	G5
75	G1	A on gbe up down	I up to XV	A3	A5
86	G#1	Am on gbe up down	I up to XV	A3	A5



Instrument /channel 9

Major chords

CC1	Key	position	punteado notes	root note down	root note up
1-10	C1 E I II	I up to II	D2-D#4	E4	E5
11-21	C#1 E III IV V	III up to V	D2-F#4	G4	G5
22-31	D1 E VI VII VIII	VI up to VIII	D2-A4	A#4	A#5

32-43	D#1	E IX X XI	IX up to XI	D2-C4	C#4	C#5
44-53	E1	A I II	I up to II	D2-D#4	E4	E5
54-63	F1	A III IV V	III up to V	D2-F#4	G4	G5
64-74	F#1	A VI VII VIII	VI up to VIII	D2-A4	A#4	A#5
75-85	G1	A IX X XI	IX up to XI	D2-C4	C#4	C#5
86-95	G#1	C I II	I up to II	D2-D#4	E4	E5
96-106	A1	C III IV V	III up to V	D2-F#4	G4	G5
107-117	A#1	C VI VII VIII	VI up to VIII	D2-A4	A#4	A#5
118-127	B1	C IX X XI	IX up to XI	D2-C4	C#4	C#5



Instrument /channel 10

Minor chords

CC1	Key		position	punteado notes	root note down	root note up	
1-10	C1	Em	I II	I up to II	D2-D#4	E4	E5
11-21	C#1	Em	III IV V	III up to V	D2-F#4	G4	G5
22-31	D1	Em	VI VII VIII	VI up to VIII	D2-A4	A#4	A#5
32-43	D#1	Em	IX X XI	IX up to XI	D2-C4	C#4	C#5
44-53	E1	Am	I II	I up to II	D2-D#4	E4	E5
54-63	F1	Am	III IV V	III up to V	D2-F#4	G4	G5
64-74	F#1	Am	VI VII VIII	VI up to VIII	D2-A4	A#4	A#5
75-85	G1	Am	IX X XI	IX up to XI	D2-C4	C#4	C#5



Instrument /channel 11

CC1	Key	flamenco	low	high
1-10	C1	rasgueado on gbe: Am	A3	D5
11-21	C#1	rasgueado on gbe: A	A3	D5
22-31	D1	rasgueado on dgbe: E	E3	C#4
32-43	D#1	rasgueado on dgbe: Em	E3	C#4
44-53	E1	rasgueado on dgbe: E7	E3	C#4
54-63	F1	chord damped after attack: major	A3	G#4
64-74	F#1	chord damped after attack: minor	A3	G#4
75-85	G1	chord damped after attack: seventh	A3	G#4
86-95	G#1	special flamenco thumb sound	E2	C#4
96-106	A1	fortissimo picado (very loud melody playing)	E2	B5
107-117	A#1	golpe on golpeador	C4	D4



Instrument /channel 12

Rasgueado > strokes

CC1	Key	order:	rasgueado	single up stroke	single down stroke	single up stroke	single notes
1-10	C1	E	E3	E5	E4	E5	D2-D#3
11-21	C#1	E7	E3	E5	E4	E5	D2-D#3
22-31	D1	Em	E3	E5	E4	E5	D2-D#3
32-43	D#1	A	A3	A5	A4	A5	D2-G#3



Instrument/channel 13

CC1	Key	Mixed items	low	high
1-10	C1	soft tremolando on e & b; only e string	E4	B5
11-21	C#1	soft tremolando on e & b; only e string, looped	E4	B5
22-31	D1	soft tremolando on e & b; minor 3	C#4	E5
32-43	D#1	soft tremolando on e & b; minor 3, looped	C#4	E5
44-53	E1	soft tremolando on e & b; major 3	C4	E5
54-63	F1	soft tremolando on e & b; major 3, looped	C4	E5
64-74	F#1	gliss up 2 on nylon strings (pitched as start note)	G#3	F#5
75-85	G1	gliss up 4 on nylon strings (pitched as start note)	F#3	F#5
86-95	G#1	gliss up 8 on nylon strings (pitched as start note)	A3	B4
96-106	A1	gliss up 2 on bass strings (pitched as start note)	D#2	E4
107-117	A#1	gliss up 4 on bass strings (pitched as start note)	D#2	F#4
118-127	B1	gliss up 8 on bass strings (pitched as start note)	F2	G#3



Instrument/channel 16

CC1	Key	Mixed items	low	high
1-10	C1	Release notes by putting fingers RH on the strings	E4	B5



Instrument/channel 1 (Pitchbend enabled)

CC1	Key	normal techniques & string release noise* (C#5-D#5)	Note number	low	high
1-10	C1	normal sound - 4 velocity layers: soft layering	D2	B5	
11-21	C#1	espressivo	D#2	B5	