VLF-MA3

(FM Voice Library for MA-3)

Version 1.0.0

2002/12/23

Yamaha Corporation

\<History\>

Ver.	Date	Description
1.0.0	2002/12/23	Newly release

Introduction of VLF-MA3 (FM Voice Library for MA-3)

This voice library extends the voice data of MA-3 authoring tool.
All the voices of this voice library are constituted from FM voice of 4 operator. Please use them in the FM16 mode.

By reading this on [VoiceList window] of MA-3 authoring tool, the voice which is different from default voice, is easily realizable.

There are two kinds of vm3 voice list file, all voices data type(All) and Bank unit data type (Bank).
The reading methods of each file on [VoiceList window] are different. Please refer to "Reading procedure of voice list" of next page.
(Please refer to the document "Users Manual", attached to the authoring tool, for the detail of procedure.)

Bank unit data type file can be imported to favorite Bank. It is possible to use together with the voices created by yourself until now, and favorite voices.

Moreover, there are two kinds Bank set of the vm3 voice list file in this library, the file arranged along with the list of GM, and the file arranged according to the category of musical instrument.
At creating music data, it can also be used properly according to the work method or situation.
(Even if the array method and data type are different, the voice data of a same name are the same contents.)

"When you feel the voice array of general GM more intelligible and usable", it is recommend that you use the data type arranged along with the list of GM.
"When you want to try listening various voices of each series and select", it is recommend that you use the data type arranged according to the category.

Reading procedure of a voice list
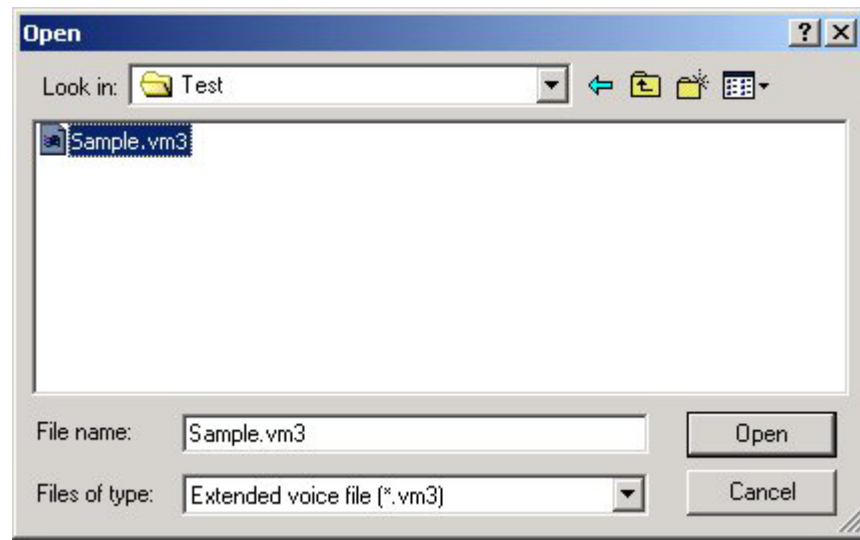
● All voice reading

    The all voices data type of this voice library, [GMSetAll.vm3] and [CategorySetAll.vm3], can be read on [VoiceList window] by the following method.
    Select [OpenMA3VoiceFile] from [File] menu of the menu bar on the application window.
    Dialog box <Figure 1.1　MA3 voice file / open dialog> is displayed.
    Select the name of the extended voice list file to read and click the button [Open].
    Then, the voice list file will be read.

<Figure 1.1　MA3 voice file / open dialog>

● Bank unit reading

    The Bank unit data type of this voice library, (except [GMSetAll.vm3] and [CategorySetAll.vm3]), can be read on [VoiceList window] by the following method.
    Do right-click on the BankMSB column of VoiceList.
    Select [ImportFromBank Voice] from the pop up window. <Figure 1.2　ImportFromBank Voice>
    Dialog box <Figure 1.1　MA3 voice file / open dialog> is displayed.
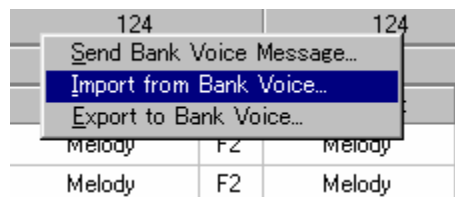   Select the name of the extended voice list file to read and click the button [Open].
    Then, the voice list file will be read.
    Please import each [DrumsBank.vm3] and [07_DrumsBank.vm3] to Drum Bank (MSB#125).
    When Bank is different, it cannot be imported.

<Figure 1.2　ImportFromBank Voice>

VLF-MA3 (FM Voice Library for MA-3) Voice Map

GMBankSet

	GMSetAll							
MSB#	124	124	124	124	124	124	124	125
Pch#/Note#	VoiceBank-1	VoiceBank-2	VoiceBank-3	VoiceBank-4	VoiceBank-5	VoiceBank-6	VoiceBank-7	DrumsBank
1	GrandPno 2	GrandPno 3	GrandPnoSus					
2	BrightPno 2	BrightPnoSus 1	BrightPnoSus 2					
3	E.GrandP 2	E.GrandP 3	E.GrandP 4	MellowGrand				
4	HnkyTonk 2	HnkyTonk 3	HnkyTonk 4					
5	E.Piano1 Heavy	E.Piano1 Mid	E.Piano1 Light					
6	E.Piano2-2	E.Piano2-3	E.Piano 3	E.PianoSus				
7	Harpsi. 2	Harpsi. 3	SynHarpsi.					
8	Clavi. 2	Clavi. 3	Clavi. 4					
9	Celesta 2	SolidCelesta	SolidCelestaSus					
10	Glocken 2	BellPiano 1	BellPiano 2	BellPiano 3	MelodicBell	StringBell 1	StringBell 2	
11	MusicBox 2	MusicBox 3	MusicBox 4	MusicBox 5	TinyMusicBox 1	TinyMusicBox 2	TinyMusicBox 3	
12	Vibes 2	Vibes 3						
13	Marimba 2	El.Marimba						
14	Xylophon 2							
15	TubulBell 2	TubulBell 3	TubulBell 4	Carillon				
16	Dulcimer 2							WhipSlap
17	DrawOrgn 2							
18	PercOrgn 2	PercOrgn 3						
19	RockOrgn 2	RockOrgn 3						
20	ChrchOrg 2	ChrchOrg 3						
21	ReedOrgn 2							
22	Acordion 2							
23	Harmonica 2	Harmonica 3						Seq Click L
24								Seq Click H2
25	NylonGtr 2	NylonGtr 3	MellowNylonGtr					
26	SteelGtr 2							Brush Swirl 2 @
27	JazzGtr 2	JazzGtr 3						
28	CleanGtr 2							BrushTapSwirl 2 @
29	Mute.Gtr 2	Mute.Gtr 3	HalfMute.Gtr					Snare Roll 2 @
30	Overdrive 2	Overdrive 3	Overdrive Heavy					Castanet 2
31	Dist.Gtr 2	Dist.Gtr 3						
32	GtrHarmo 2	GtrHarmo 3						Sticks 2
33	Aco.Bass 2	Aco.Bass 3						Kick Analog
34	FngrBass 2	FngrBass 3	FngrBass 4					OpenRimShot 2
35	PickBass 2	PickBass 3	PickBass 4					Kick Analog S
36	Fretless 2	Fretless 3	Fretless 4					Bass Drum H2
37	SlapBass1-2							ClosedRimShot 2
38	SlapBass2-2							
39	SynBass 3	SynBass 4	SynBass 5	SynBass 6				
40	SynBass 7	SynBass 8	SynBass 9	SynBass 10				Snare H 2
41	Violin 2	Violin 3	ViolinSus					TomAnalog 6
42	Viola 2	Viola 3						
43	Cello 2							TomAnalog 5
44	ContraBs 2	ContraBs 3						
45								TomAnalog 4
46	Pizz.Str 2							
47	Harp 2							TomAnalog 3
48								TomAnalog 2
49	Strings1-2	Strings1-3						Crash Cymbal 3
50	Strings2-2							TomAnalog 1
51	Syn.Str1-2							
52	Syn.Str2-2							Reverse Cymbal @
53	ChoirAah 2							RideCymbalCup 2
54	VoiceOoh 2							Tambourine 2
55	SynVoice 2							
56	Orch.Hit 2							Cowbell 2
57	Trumpet 2	Trumpet 3	Trumpet 4					Crash Cymbal 4
58	Trombone 2	Trombone 3	MellowTrombone					
59	Tuba 2	Tuba 3						
60	Mute.Trp 2							Bongo H 2
61	Fr.Horn 2	Fr.Horn 3						Bongo L 2
62	BrasSect 2	BrasSect 3	BrasScet 4	BrasSect Soft				CongaAnalog H
63	SynBras1-2	SynBras1-3						CongaAnalog M
64	SynBras2-2							CongaAnalog L

GMBankSet

Pch Origin=1

	GMSetAll							
MSB#	124	124	124	124	124	124	124	125
Pch#/Note#	VoiceBank-1	VoiceBank-2	VoiceBank-3	VoiceBank-4	VoiceBank-5	VoiceBank-6	VoiceBank-7	DrumsBank
65	SprnoSax 2	SprnoSax 3						
66	Alto Sax 2	Alto Sax 3	Alto Sax 4					
67	TenorSax 2	TenorSax 3						
68	Bari.Sax 2	Bari.Sax 3						
69	Oboe 2	Oboe 3						
70	Eng.Horn 2							Maracas 2
71	Bassoon 2	Bassoon 3						Samba Whistle H2 @
72	Clarinet 2							Samba Whistle L2 @
73	Piccolo 2							Guiro Short 2
74	Flute 2	Flute 3	Flute 4					Guiro Long 2 @
75	Recoder 2	AtakRecorder	RecoderSus					Claves 2
76	PanFlute 2							WoodBlock H 2
77								WoodBlock L 2
78								
79								
80								
81	SquareLd 2	SquareLd 3	SquareLdSus	CosmicLd				
82	Saw.Lead 2	Saw.Lead 3	Saw.LeadSus					
83	CaliopLd 2	BlowLead	CaliopLdSus					
84	Chiff Ld 2	Chiff Ld Sus						
85	CharangLd 2	StrinLd	CharanLdSus					
86	VoiceLdSus							
87	Fifth Ld 2	Third Ld	Fifth Ld Sus					Chinese Cymbal 2
88	Bass &Ld 2	Bass &Ld 3	Bass &Ld Sus					
89	NewAgePd 2	NewAgePd 3	NewAgePd 4					
90	Warm Pad 2	Warm Pad 3						
91	PolySyPd 2	PolySyPd 3						
92	ChoirPad 2							
93	BowedPad 2							
94	MetalPad 2	MetalPad 3						
95	Haro Pad 2	Haro Pad 3						
96	SweepPad							
97	Rain 2							
98	SoundTrk 2	Astronaut	TimeTravel					
99	Crystal 2	CrystalBell 1	CrystalBell 2	CrystalBell 3	GlassBell			
100	Atmosphr 2	Atmosphr 3						
101	Bright 2	Sparkle						
102	Goblins 2							
103	Echoes 2							
104								
105	MiddleEastStr							
106	Banjo 2	Banjo 3						
107	Biwa							
108	Koto 2	Koto Fat	SynKoto					
109	Kalimba 2	Kalimba 3						
110	Bagpipe 2							
111								
112								
113	TnklBell 2							
114	Agogo 2							
115								
116								
*1 117	GranCassa							
118								
119								
120								
121								
122	BrthNoiz 2							
*2 123	Seashore Short							
124								
125								
126								
*3 127	Applause 2							
*2 128	Gunshot 2							

*1 : 50cent / semitone, #69=A2
*2 : 20cent / semitone
*3 : 5cent / semitone
Voice attached * is treated as drum voice
by key-control judging.

Voice attached @ in Drum Voices
reacts to KeyOff.

VLF-MA3 (FM Voice Library for MA-3) Voice Map

CategoryBankSet

Pch Origin=1

CategorySetAll

MSB#	124	124	124	124	124	124
Pch#	Pno-CP-Org	Gtr-Bass	Str-Ensemble	Brs-Rd-Pipe	Lead-Pad-FX	Eth-Perc-SE
1	GrandPno 2	NylonGtr 2	Violin 2	Trumpet 2	SquareLd 2	MiddleEastStr
2	GrandPno 3	NylonGtr 3	Violin 3	Trumpet 3	SquareLd 3	
3	GrandPnoSus	MellowNylonGtr	ViolinSus	Trumpet 4	SquareLdSus	Banjo 2
4					CosmicLd	Banjo 3
5	BrightPno 2	SteelGtr 2	Viola 2	Trombone 2		
6	BrightPnoSus 1		Viola 3	Trombone 3	Saw.Lead 2	Biwa
7	BrightPnoSus 2	JazzGtr 2		MellowTrombone	Saw.Lead 3	
8		JazzGtr 3	Cello 2 (Str)		Saw.LeadSus	Koto 2 (Eth)
9	E.GrandP 2			Tuba 2		Koto Fat
10	E.GrandP 3	CleanGtr 2	ContraBs 2	Tuba 3	CaliopLd 2	SynKoto
11	E.GrandP 4		ContraBs 3		BlowLead	
12	MellowGrand	Mute.Gtr 2		Mute.Trp 2	CaliopLdSus	Kalimba 2
13		Mute.Gtr 3 (Gtr)	Pizz.Str 2	(Brs)		Kalimba 3
14	HnkyTonk 2	HalfMute.Gtr		Fr.Horn 2	Chiff Ld 2	
15	HnkyTonk 3		Harp 2	Fr.Horn 3	Chiff Ld Sus (Ld)	Bagpipe 2
16	HnkyTonk 4	Overdrive 2				
17	(Pno)	Overdrive 3	Strings1-2	BrasSect 2	CharangLd 2	TnklBell 2
18	E.Piano1 Heavy	Overdrive Heavy	Strings1-3	BrasSect 3	StrinLd	(Per)
19	E.Piano1 Mid			BrasScet 4	CharanLdSus	Agogo 2
20	E.Piano1 Light	Dist.Gtr 2	Strings2-2	BrasSect Soft		
21		Dist.Gtr 3			VoiceLdSus	
22	E.Piano2-2		Syn.Str1-2	SynBras1-2		
23	E.Piano2-3	GtrHarmo 2		SynBras1-3	Fifth Ld 2	
24	E.Piano 3	GtrHarmo 3	Syn.Str2-2 (Ens)		Third Ld	
25	E.PianoSus			SynBras2-2	Fifth Ld Sus	
26		Aco.Bass 2	ChoirAah 2			
27	Harpsi. 2	Aco.Bass 3		SprnoSax 2	Bass &Ld 2	
28	Harpsi. 3		VoiceOoh 2	SprnoSax 3	Bass &Ld 3	
29	SynHarpsi.	FngrBass 2			Bass &Ld Sus	
30		FngrBass 3	SynVoice 2	Alto Sax 2		
31	Clavi. 2	FngrBass 4		Alto Sax 3	NewAgePd 2	
32	Clavi. 3		Orch.Hit 2	Alto Sax 4	NewAgePd 3	
33	Clavi. 4	PickBass 2			NewAgePd 4	
34		PickBass 3		TenorSax 2		
35	Celesta 2	PickBass 4		TenorSax 3	Warm Pad 2	
36	SolidCelesta				Warm Pad 3	
37	SolidCelestaSu	Fretless 2		Bari.Sax 2		
38		Fretless 3		Bari.Sax 3 (Rd)	PolySyPd 2	
39	Glocken 2	Fretless 4 (Ba)			PolySyPd 3	
40	BellPiano 1			Oboe 2		
41	BellPiano 2	SlapBass1-2		Oboe 3	ChoirPad 2 (Pad)	
42	BellPiano 3					
43	MelodicBell	SlapBass2-2		Eng.Horn 2	BowedPad 2	
44	StringBell 1					
45	StringBell 2	SynBass 3		Bassoon 2	MetalPad 2	
46		SynBass 4		Bassoon 3	MetalPad 3	
47	MusicBox 2	SynBass 5				
48	MusicBox 3	SynBass 6		Clarinet 2	Haro Pad 2	
49	MusicBox 4 (CP)				Haro Pad 3	
50	MusicBox 5	SynBass 7		Piccolo 2		
51	TinyMusicBox 1	SynBass 8			SweepPad Deep	
52	TinyMusicBox 2	SynBass 9		Flute 2		
53	TinyMusicBox 3	SynBass 10		Flute 3	Rain 2	
54				Flute 4		
55	Vibes 2				SoundTrk 2	
56	Vibes 3			Recoder 2	Astronaut	
57				AtakRecorder	TimeTravel	
58	Marimba 2			RecoderSus (Pp)	(FX)	
59	El.Marimba				Crystal 2	
60				PanFlute 2	CrystalBell 1	
61	Xylophon 2				CrystalBell 2	
62					CrystalBell 3	
63	TubulBell 2				GlassBell	
64	TubulBell 3					

CategoryBankSet

Pch Origin=1

MSB#	124		124	124	124	124	124	
Pch#	Pno-CP-Org		Gtr-Bass	Str-Ensemble	Brs-Rd-Pipe	Lead-Pad-FX	Eth-Perc-SE	
65	TubulBell 4					Atmosphr 2		
66	Carillon					Atmosphr 3		
67		CP						
68	Dulcimer 2					Bright 2		
69						Sparkle		FX
70	DrawOrgn 2							
71						Goblins 2		
72	PercOrgn 2							
73	PercOrgn 3					Echoes 2		
74								
75	RockOrgn 2							
76	RockOrgn 3							
77								
78	ChrchOrg 2	Org						
79	ChrchOrg 3							
80								
81	ReedOrgn 2							
82								
83	Acordion 2							
84								
85	Harmonica 2							
86	Harmonica 3							
87								
88								
89								
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								
101								
102								
103								
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
*1 117							GranCassa	
118								
119								Per
120								
121								
122							BrthNoiz 2	
*2 123							Seashore Short	
124								
125								SE
126								
*3 127							Applause 2	
*2 128							Gunshot 2	

*1 : 50cent/ semitone, #69=A2
*2 : 20cent/ semitone
*3 : 5cent/ semitone
Voice attached * is treated as drum
by key-control judging.

VLF-MA3 (FM Voice Library for MA-3) Voice Map

CategoryBankSet

Note#	CategorySetAll	
MSB#	125	
Note#	Drums	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16	WhipSlap	
17		
18		
19		
20		
21		
22		
23	Seq Click L	
24	Seq Click H2	
25		
@ 26	Brush Swirl 2	
27		
@ 28	BrushTapSwirl 2	
@ 29	Snare Roll 2	
30	Castanet 2	
31		
32	Sticks 2	
33	Kick Analog	
34	OpenRimShot 2	
35	Kick Analog S	
36	Bass Drum H2	
37	ClosedRimShot 2	
38		
39		Dr
40	Snare H 2	
41	TomAnalog 6	
42		
43	TomAnalog 5	
44		
45	TomAnalog 4	
46		
47	TomAnalog 3	
48	TomAnalog 2	
49	Crash Cymbal 3	
50	TomAnalog 1	
51		
@ 52	Reverse Cymbal	
53	RideCymbalCup 2	
54	Tambourine 2	
55		
56	Cowbell 2	
57	Crash Cymbal 4	
58		
59		
60	Bongo H 2	
61	Bongo L 2	
62	CongaAnalog H	
63	CongaAnalog M	
64	CongaAnalog L	

CategoryBankSet

Note#	CategorySetAll	
MSB#	125	
Note#	Drums	
65		
66		
67		
68		
69		
70	Maracas 2	
@ 71	Samba Whistle H2	
@ 72	Samba Whistle L2	
73	Guiro Short 2	
@ 74	Guiro Long 2	
75	Claves 2	
76	WoodBlock H 2	
77	WoodBlock L 2	
78		Dr
79		
80		
81		
82		
83		
84		
85		
86		
87	Chinese Cymbal 2	
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		
101		
102		
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121		
122		
123		
124		
125		
126		
127		
128		

Voice attached @ in Drum Voices
reacts to KeyOff.

Description of VLF-MA3 (FM Voice Library for MA-3) Sample SMAF

The recorded demonstration music are created with the voices in VLF-MA3.
(About the drum voices, the default voices are used.)
The following shows what voice is used for which music data.

Please make them reference at creating music data.

● Classic_MA3.mmf

Fanfare style which imagined orchestra.

The used vm3 file
GMSetAll.vm3
Voice Name
Trumpet 3
Flute 2
Clarinet 2
Oboe 2
Fr.Horn 2
Trombone 3
Bassoon 3
Strings1-3
Strings1-2
ContraBs 2
Strings2-2

● MusicBox1

Techno dance style with the thrilling.
impressive sound.

The used vm3 file
GMSetAll.vm3
Voice Name
BrightPno 2
DrawOrgn 2
SynBass 10
Bass &Ld 2
Echoes 2
Sparkle
Violin 2
Violin 3

● Fusion_MA3.mmf

16beat Fusion style featuring Overdrive Guitar.

The used vm3 file
GMSetAll.vm3
Voice Name
Alto Sax 3
Overdrive 2
FngrBass 2
E.Piano2-2
BrasSect 3
TenorSax 2
NewAgePd 3

● Latin_MA3.mmf

Latin style with slow rhythm makes cool down.

The used vm3 file
GMSetAll.vm3
Voice Name
Flute 2
Trumpet 3
Aco.Bass 2
NylonGtr 2
Strings1-2
Strings2-2

● MusicBox_MA3.mmf

Music box style featuring Bell sound.

The used vm3 file
GMSetAll.vm3
Voice Name
Celesta 2
Crystal 2
MusicBox 4
WarmPad 3

File configuration VLF-MA3 (FM Voice Library for MA-3)

VLF-MA3
Version: 1.0.0

■ GMBankSet
 ● FullSet ····· Arranges the whole voices recorded in this library along with the list of GM, and records them by the type of [All].
 ● BankSet ··· Records the voice arranged along with the list of GM for Bank unit.
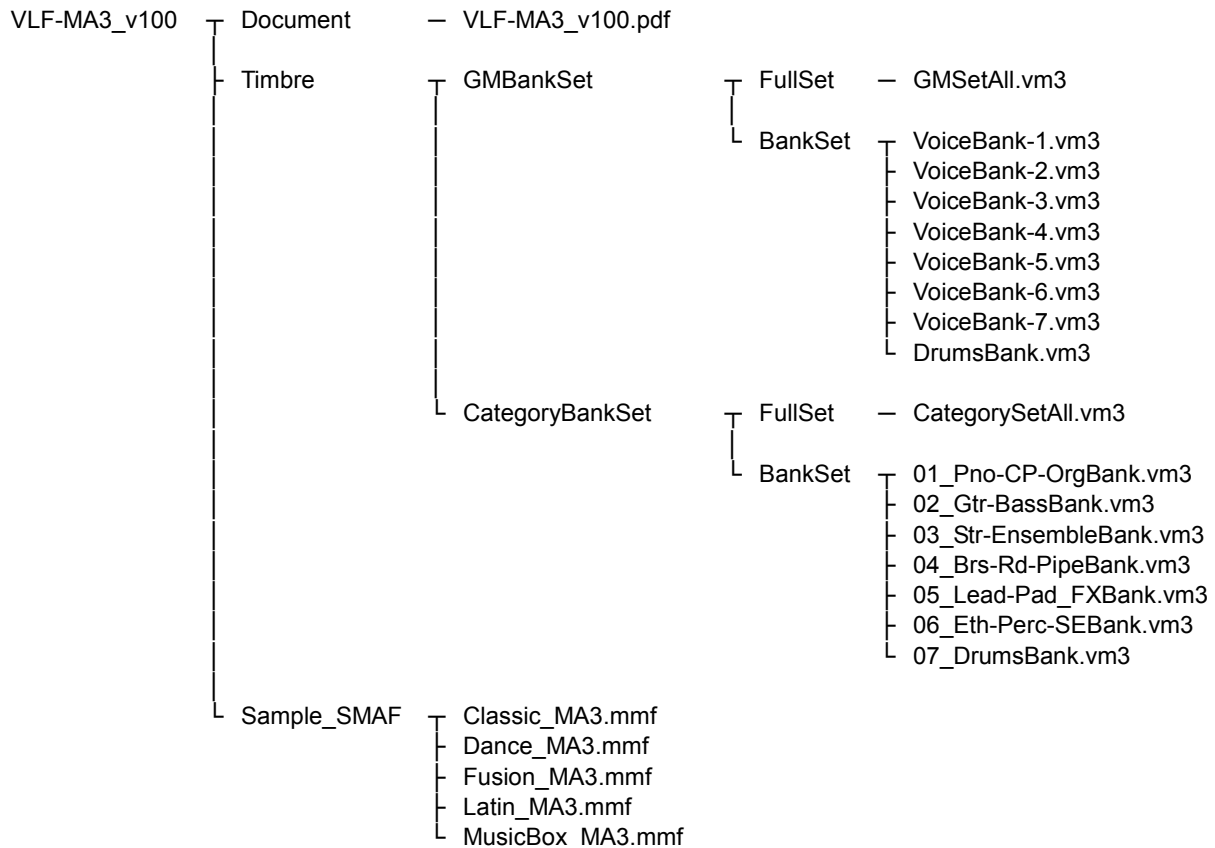
■ CategoryBankSet
 ● FullSet ····· Arranges the whole voices recorded in this library in according to category of musical instrument, and records them by the type of [All].
 ● BankSet ··· Records the voice arranged by according to category of each musical instrument for Bank unit.

In any vma file, only the array methods are different. The voice with the same name is the same contents.

> [/Timbre/GMBankSet/BankSet/DrumsBank.vm3] and
> [/Timbre/CategoryBankSet/BankSet/07_DrumsBank.vm3] are DrumVoice.
> Please use them importing into BankSelectMSB[125].

```
VLF-MA3_v100 ┬ Document      ─ VLF-MA3_v100.pdf
             │
             ├ Timbre        ┬ GMBankSet        ┬ FullSet  ─ GMSetAll.vm3
             │               │                  │
             │               │                  └ BankSet  ┬ VoiceBank-1.vm3
             │               │                             ├ VoiceBank-2.vm3
             │               │                             ├ VoiceBank-3.vm3
             │               │                             ├ VoiceBank-4.vm3
             │               │                             ├ VoiceBank-5.vm3
             │               │                             ├ VoiceBank-6.vm3
             │               │                             ├ VoiceBank-7.vm3
             │               │                             └ DrumsBank.vm3
             │               │
             │               └ CategoryBankSet  ┬ FullSet  ─ CategorySetAll.vm3
             │                                  │
             │                                  └ BankSet  ┬ 01_Pno-CP-OrgBank.vm3
             │                                             ├ 02_Gtr-BassBank.vm3
             │                                             ├ 03_Str-EnsembleBank.vm3
             │                                             ├ 04_Brs-Rd-PipeBank.vm3
             │                                             ├ 05_Lead-Pad_FXBank.vm3
             │                                             ├ 06_Eth-Perc-SEBank.vm3
             │                                             └ 07_DrumsBank.vm3
             │
             └ Sample_SMAF   ┬ Classic_MA3.mmf
                             ├ Dance_MA3.mmf
                             ├ Fusion_MA3.mmf
                             ├ Latin_MA3.mmf
                             └ MusicBox_MA3.mmf
```

* [/Timbre/GMBankSet/BankSet/DeumsBank.vm3] and
[/Timbre/CategoryBankSet/BankSet/07_DrumsBank.vm3] are same contents.