

MVC-MA7-SMAF

User's Manual

Ver.1.1.0

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YAMAHA Corporation

[Notes]

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<Introduction>

This document is for the Application Software (MasterVolume Converter for SMAF/MA-7 hereinafter called MVC-MA7-SMAF), which controls the volumes for each channel (ChannelVolume) of SMAF/MA-2 (contents for mobile phones) and the whole volume (MasterVolume) of SMAF/MA-3 and that of SMAF/MA-5 and the whole volume (MasterVolume) and MAXGain of SMAF/MA-7.

<Revision History>

Ver.	Date	Description
1.0.0	2005/12/19	Newly Released
1.1.0	2006/02/17	4.1.6 Regulate Chorus (Distortion/Compressor) Checkbox; this section was added. 5 Setting of the Initial Setting File; descriptions of REGULATE_CHORUS was added. 6 Operating Procedure; the description of Regulate Chorus (Distortion/Compressor) checkbox was added. 7 Processing Result Display; changed Figure 7-1 and 7-2. The description for Effect volume was added on Table 7, MVC-MA7_result.txt.

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1 MVC-MA7-SMAF

1.1 Outline

MVC-MA7 is the Application Software operating on Windows®2000 and Windows®XP to control volumes of SMAF (Synthetic Music Mobile Application Format) for mobile phones. For SMAF/MA-2, volume for each channel (ChannelVolume) is controlled and for SMAF/MA-3 and SMAF/MA-5, the whole volume (MasterVolume) is controlled and for SMAF/MA-7, the whole volume (MasterVolume) and MaxGain are controlled. There are two kinds of controls: increase and decrease value (dB) control and absolute value control.

1.2 Target Format

1.2.1 Input Format

1.2.1.1 SMAF

MVC-MA7 supports SMAF/MA-2, SMAF/MA-3, SMAF/MA-5, and SMAF/MA-7 format.

1.2.2 Output Format

1.2.2.1 SMAF

The following changes are applied to input files.

- Change of volume
- ATSig change of A0 tag

1.3 Recommended Operating Environment

This application needs operating environment in compliance with the following requirements.

OS	Microsoft Windows®XP Microsoft Windows®2000
CPU/Clock	Pentium®, Celeron™, or compatible processor/ 266MHz or faster
Memory	64MB or over
Required hard disk space	40MB or over In addition, space as much as the total size of input files is needed.

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2 Installation

MVC-MA7-SMAF is composed of the following two files.

- MVC-MA7.exe (MVC-MA7 execution file)
- MVC-MA7.ini (MVC-MA7 initial setting file)

Place the above files on any directory.

3 Application Startup and Termination

3.1 Startup

Double-click on “MVC-MA7.exe” directly.

3.2 Termination


3.2.1 Close Button

Clicking Close button on the dialog terminates the application.

3.2.2 Title Bar Menu [Close]

Selecting “Close (Alt+F4)” in the title bar menu terminates the application.

3.2.3 [Close] button

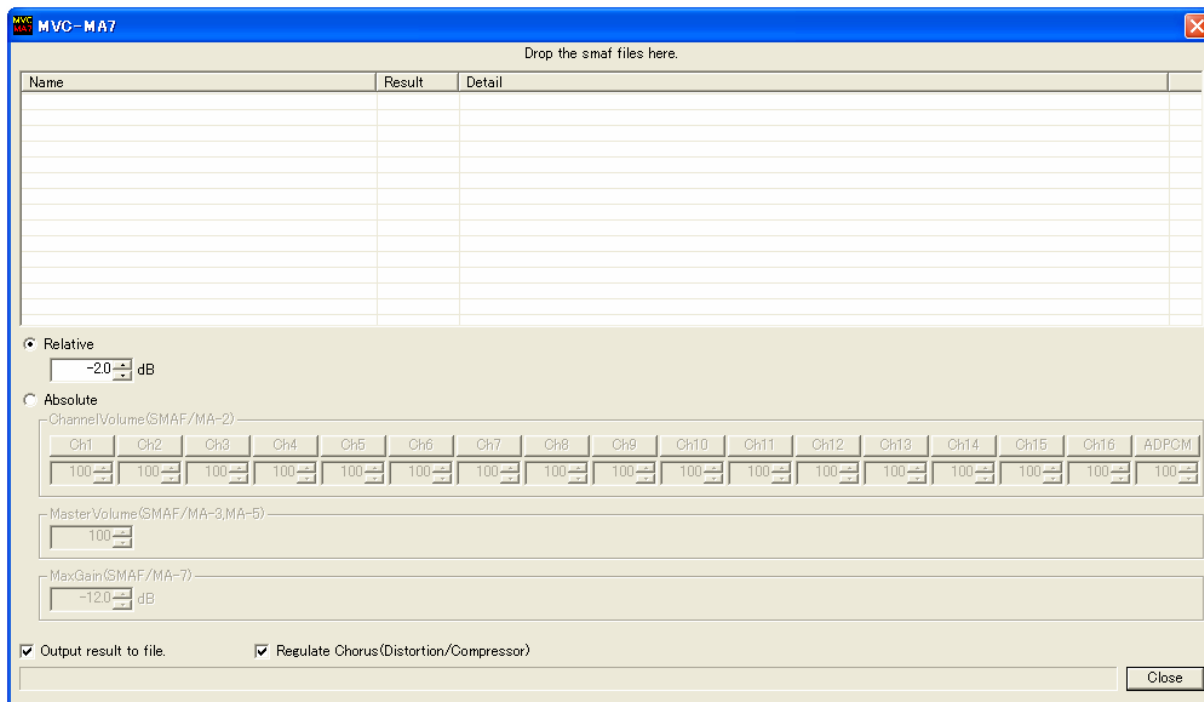
Clicking [Close] button () on the upper right of the title bar terminates the application.

3.2.4 Other Termination method

When the main window is in active state, push [Alt]+[F4] (Push down [Alt] and press [F4])

4 Window

4.1 Main Dialog



<Figure 4-1> Main Dialog

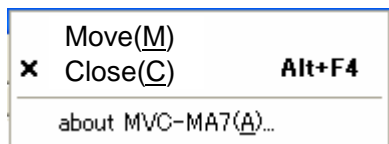
4.1.1 Title Bar

Only application name of 'MVC-MA7' is displayed on the title bar.

File names being processed are not displayed so that batch processing for multiple files is supported.

4.1.1.1 System Menu

Clicking the icon at the upper left corner of the title bar or right-clicking on any place of the bar displays system menu.



<Figure 4-2> System Menu

4.1.1.1.1 Movement

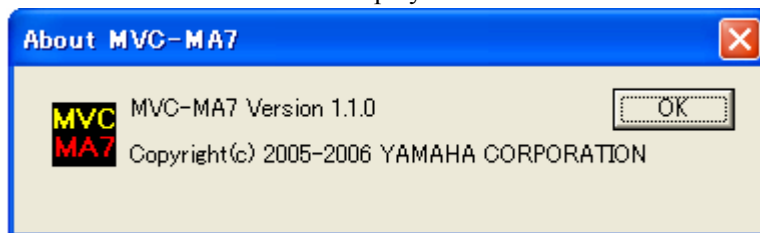
The dialog can be moved by using arrow keys (↑→↓←) or a mouse.

4.1.1.1.2. Close

Clicking “Close” button (✖) terminates the application after closing the dialog being displayed.
[Alt]+[F4] can also terminate the application.

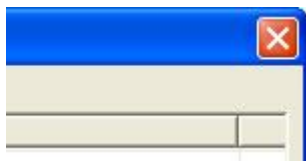
4.1.1.1.3. about MVC-MA7

The version of MVC-MA7 is displayed.



<Figure 4-3> Version Dialog

4.1.2 Close Button



<Figure 4-4> Close Button

Clicking “Close” button terminates the application after closing the dialog being displayed.
[Alt]+[F4] can also terminate the application.

4.1.3 Close/Stop Button



<Figure 4-5> Close/Stop Button

During a standby state such as immediately after the application startup, “Close” is displayed until a file to convert is designated, and clicking the button terminates the application.

Once a file to convert is designated and the conversion processing starts, “Stop” is displayed until the processing is terminated.

Clicking “Stop” button stops the conversion processing and turns the display into “Close” button display that indicates the standby state.

4.1.4 Contents displayed on the Window

Information for each file processing is displayed.



Drop the smaf files here.		
Name	Result	Detail
test1.mmf	OK	[MA-2]Not Converted - Not exist target volume.
test2.mmf	OK	[MA-3]100->127
test3.mmf	OK	[MA-5]100->127
test4.mmf	OK	[MA-7]MG=24->12, MV=127->127
test5.mmf	NG	Nonsupport Chunk ID in MTR.

<Figure 4-6> Contents displayed on the window

<Name>

File names to convert are displayed.

<Result>

Processed result (OK/NG) is displayed.

<Detail>

When OK is displayed, SMAF type, and volume values before and after the conversion are displayed.

And, when NG is displayed, contents of the error are displayed.

For errors, see < 8 Error Message List>.

<Table 4-1> Detail Display Contents

Display	Example of display	Description
SMAF type	[MA-2]	Input SMAF is SMAF/MA-2.
	[MA-3]	Input SMAF is SMAF/MA-3.
	[MA-5]	Input SMAF is SMAF/MA-5.
	[MA-7]	Input SMAF is SMAF/MA-7.
Volume is not converted.	Not Converted — NotExistTargetVolume	The result is OK. Character color is displayed in blue.
Error	Nonsupport Chunk ID in MTR	The result is NG. Character color is displayed in red.
Volume value conversion information	100->127	Conversion from 100 to 127 was performed.
Volume value conversion information when original volume value is not present (Only for SMAF/MA-2)	Ch1=99	“99” was inserted into channel volume of channel 1.

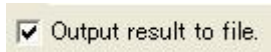
[NOTE]

Only conversion information of the first volume value is displayed when multiple channel volumes are present at the same channel in SMAF (SMAF/MA-2) or multiple master volumes are present in SMAF (SMAF/MA-3,MA-5, and MA-7).

If you want to see the conversion information of all the volumes, see processing result file < 7

Processing Result Display>.

4.1.5 Output result to file Checkbox



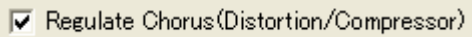
<Figure 4-7> Output result to file checkbox

Checking the “Output result to file” checkbox outputs the processing result to “MVC-MA7_result.txt”.

For the “MVC-MA7_result.txt” file, see <7

Processing **Result Display**>.

4.1.6 Regulate Chorus (Distortion/Compressor) Checkbox



<Figure 4-8> Regulate Chorus (Distortion/Compressor) checkbox

Checking Regulate Chorus checkboxes allows adjusting Effect volume.

This function is available when SMAF/MA-7 is input.

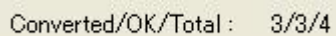
Even when the total volume is decreased, some volume isn't decreased, depending on Effect type.

Enabling this checkbox let Effect volume follow the total volume.

Applicable Effects are Distortion, Overdrive, Amp Simulator, and Compressor.

We recommend you to enable this checkbox while using these Effects.

4.1.7 File Number Display



Converted/OK/Total : 3/3/4

<Figure 4-9> File Number Display

The number of files being processed and the processed results are displayed.

[In processing] Converting : XX/XXX

[Processed results] Converted /OK/Total : XX/XX/XXX

<Converted>

The number of converted files is displayed.

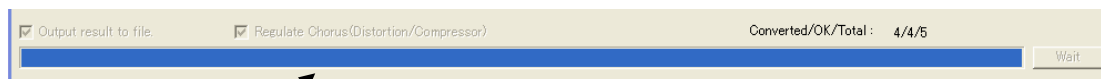
<OK>

The number of successfully converted files is displayed.

<Total>

The number of all files designated by drag-and-drop operation is displayed.

4.1.8 Progress Bar



Progress Bar

<Figure 4-10> Progress Bar

The rate of processed file numbers including files with error to the designated file number is graphically displayed.

4.1.9 On Volume Setting

With MVC-MA7, two volume setting methods are available.

<Table4-2> Volume Setting Method

Setting Method	Description
Relative increase and decrease value (dB) input	<p>Input a value to increase or decrease to the volume in SMAF in dB.</p> <p>With SMAF/MA-2, it is possible to change volume uniformly while keeping the original volume balance to the whole channel volume.</p> <p>With SMAF/MA-3,MA-5, it is possible to change volume uniformly while keeping the original volume balance to the whole master volume.</p> <p>With SMAF/MA-7, it is possible to change volume uniformly while keeping the original volume balance to MaxGain and the whole master volume. First, change MaxGain within the range of 0dB to -12dB and then change the master volume.</p>
Absolute value input	<p>The volume value in SMAF is replaced by the designated value.</p> <p>With SMAF/MA-2, when multiple volumes are present in the same channel, all the volumes are replaced by the designated values.</p> <p>With SMAF/MA-3,MA-5, when multiple master volumes are present, all the volumes are replaced by the designated values.</p> <p>With SMAF/MA-7, MaxGain is replaced by the designated value.</p>

[NOTE]

With absolute value input, when multiple channel volumes are present at the same channel in SMAF/ MA-2, or when multiple master volumes are present in SMAF/MA-3,MA-5, all volumes are replaced by the respective designated volume values; for this reason, the original volume balance could be destroyed.

Please pay attention when you use it.

4.1.9.1 Mechanism of Volume Conversion (Relative increase and decrease value(dB) input)

When the volume increase and decrease value is designated in dB value, dB conversion to the volume is performed and inverse dB conversion is performed after increasing and decreasing the designated value.

[NOTE]

With SMAF/MA-2 and SMAF/MA-3,MA-5,MA-7, the volume value after the conversion may slightly differ even if increasing or decreasing by using the same dB value because tables for dB conversion and inverse dB conversion differ.

4.1.9.2 When channel volume is not present (SMAF/MA-2):

■ 1 to 16 channel:

When channel volume is not present until the first note message, insert channel volume of duration of 0 into the head of sequence data. In addition, shift the position of Start Point and Stop Point in Seek & Phrase Info Chunk.

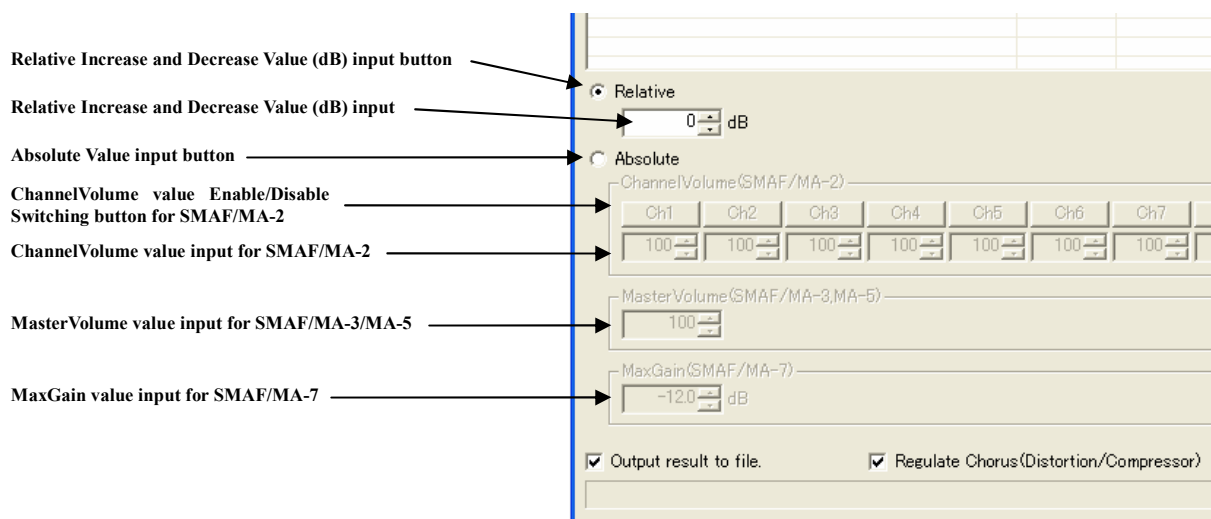
■ ADPCM channel:

When channel volume is not present until the first note message, insert channel volume of duration of 1 into Start Point position of sequence data. In addition, shift the position of Stop Point in Seek & Phrase Info Chunk.

[NOTE]

Adjust the duration in ATR chunk so as not to change the position of “End of Sequence.”

4.1.9.3 Volume Setting Method



<Figure 4-11> Volume Setting

■ Volume **Relative Increase and Decrease Value (dB) Input button (Relative value setting)**

This button enables the Volume Increase and Decrease Value (dB) Input.

At this time, Absolute Value Input is disabled.

• Volume **Relative Increase and Decrease Value (dB) Input**

This is enabled in SMAF/MA-2/MA-3/MA-5/MA-7.

Designate a relative value you want to change to the original volume value in dB.

The range available to designate is from -60 dB to 60dB.

■ Volume Absolute Value Input button (Absolute value setting)

This button enables the Volume Absolute Value Input.

At this time, Volume Increase and Decrease Value (dB) Input is disabled.

• ChannelVolume Value Enable/Disable Switching button for SMAF/MA-2

This button is enabled in SMAF/MA-2.

This button designates a channel of which you want to change a volume value.

Clicking on the button enables the function.

At the startup of the tool, all the buttons are disabled.

• ChannelVolume Value Input for SMAF/MA-2

This button is enabled in SMAF/MA-2.

Enter a channel volume value directly.

The range available to designate is from 0 to 127.

• MasterVolume Value Input for SMAF/MA-3/MA-5

This button is enabled in SMAF/MA-3/MA-5.

Enter a master volume value directly.

The range available to designate is from 0 to 127.

• MaxGain Value Input for SMAF/MA-7

This button is enabled in SMAF/MA-7.

Enter a MaxGain value directly.

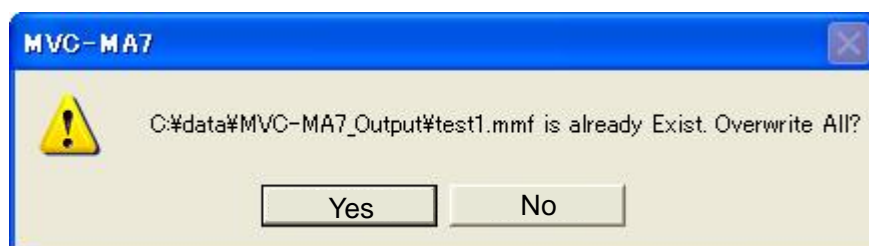
The range available to designate is from 0[dB] to -12[dB].

4.2 Overwrite Confirmation Dialog

This is the dialog displayed when a file with the same name is present in the destination to output.

By clicking “Yes” the subsequent processing is all executed in overwrite mode.

By clicking “No” the current processing stops at this time.



<Figure 4-12> Overwrite Confirmation Dialog

5 Setting of the Initial Setting File

“MVC-MA7.ini” that is located at the same folder as “MVC-MA7.exe” is the initial setting file. Using this file, an initial value of each parameter at the startup of MVC-MA7 is designated.

```
[SETTING]
TARGET_FILE=0
DB_VALUE=0.0
MV_VALUE=100
MG_VALUE=-12.0
CV_VALUE1=100
CV_VALUE2=100
CV_VALUE3=100
CV_VALUE4=100
CV_VALUE5=100
CV_VALUE6=100
CV_VALUE7=100
CV_VALUE8=100
CV_VALUE9=100
CV_VALUE10=100
CV_VALUE11=100
CV_VALUE12=100
CV_VALUE13=100
CV_VALUE14=100
CV_VALUE15=100
CV_VALUE16=100
CV_VALUE_ADPCM=100
REGULATE_CHORUS=ON
```

<Figure 5-1> Example of Initial Setting File

< TARGET_FILE >

Do not change.

< DB_VALUE • • • default dB value >

A default value in dB value that increases or decreases volume is set.

The input range is from -60.0[dB] to 60.0[dB].

When an input value exceeds the range, the value is automatically adjusted within the above.

If incorrect value is set or nothing is input, the value becomes 0[dB].

In addition, when MVC-MA7 ended, the value at this point is saved.

(e.g. 0.0 designation to dB: DB_VALUE = 0)

< MV_VALUE • • • default MV value for SAMF/MA-3,MA-5 >

A default value of MasterVolume when absolute value input is used is set.

The input range is from 0 to 127.

If incorrect value is set or nothing is input, the value becomes 0.

In addition, when MVC-MA7 ended, the value at this point is saved.

(e.g. 0 setting to MasterVolume value: MV_VALUE = 0)

< MG_VALUE • • • default MaxGain value for SAMF/MA-7 >

A default value of MaxGain in the absolute value input is set.

The input range is from 0 to -12.

If incorrect value is set or nothing is input, the value becomes 0.

In addition, when MVC-MA7 ended, the value at this point is saved.

(e.g. -12 setting as MaxGain value: MV_VALUE = -12)

< CV_VALUE* • • • default CV value for SAMF/MA-2 >

A default value of ChannelVolume in the absolute value input is set.

The input range is from 0 to 127.

When an input value exceeds the range, the value is automatically adjusted within the above.

If incorrect value is set or nothing is input, the value becomes 0.

In addition, when MVC-MA7 ended, the value at this point is saved.

CV_VALUE1 to CV_VALUE16 Designates a channel of 1 to 16.

CV_VALUE_ADPCM Designates ADPCM channel.

(e.g. 0 designation to ChannelVolume value of channel 2 CV_VALUE 2=0)

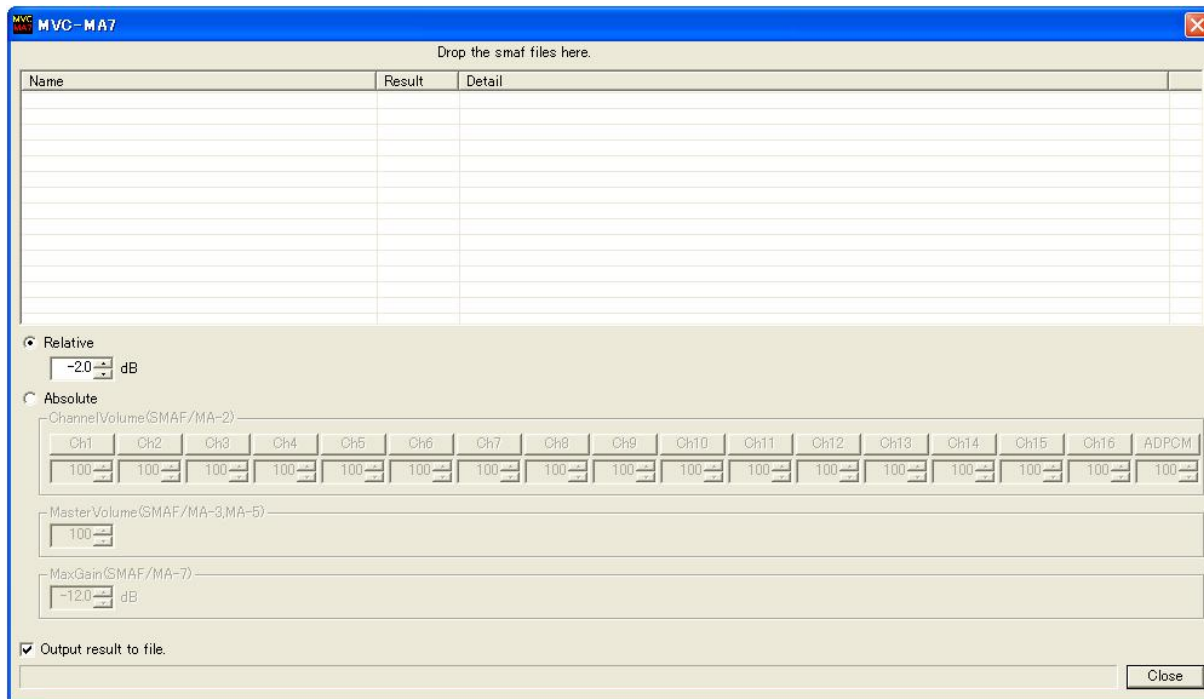
< REGULATE_CHORUS >

Regulate Chorus (Distortion/Compressor) is designated as ON or OFF.

The last value is saved when MVC-MA7 is quitted.

6 Operating Procedure

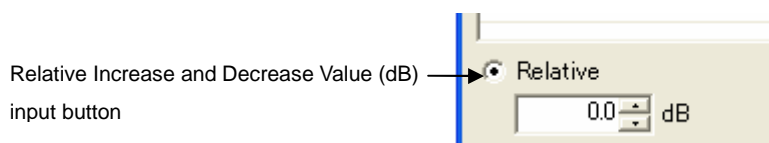
- 1) Start up the MVC-MA7.



- 2) Select a volume setting method.

■ When Relative Increase and Decrease Value (dB) Input is used:

Click on the volume **Relative Increase and Decrease Value (dB) input button.**



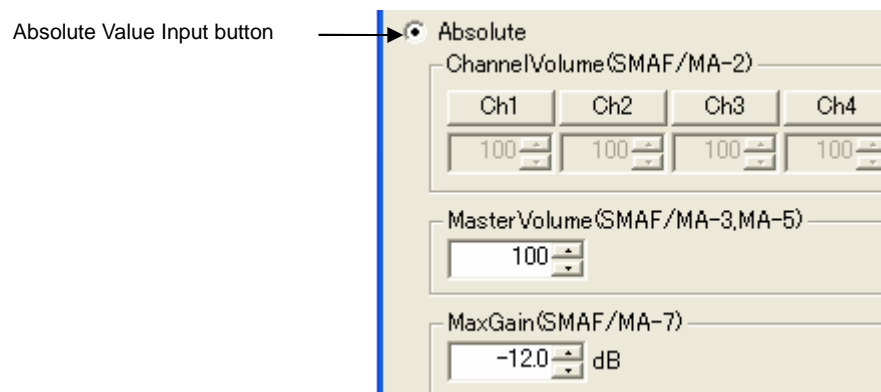
Set a value to the volume **Relative Increase and Decrease Value (dB) input edit box.**

For example, -12dB down to the original volume:



■When Absolute Value Input is used:

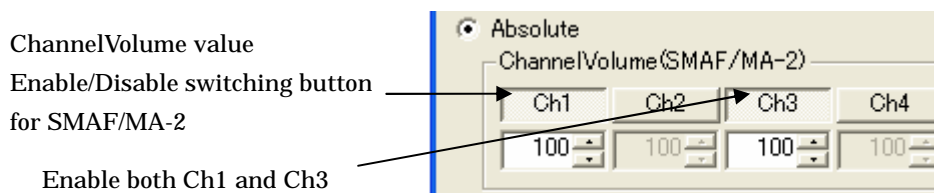
Click on the volume **Absolute value input button**.



■SMAF/MA-2:

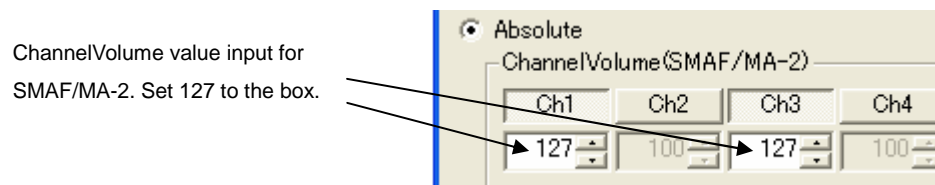
Click on the **ChannelVolume value Enable/Disable Switching Button for SMAF/MA-2** to enable volume value input of a channel you want to change.

When Ch1 and Ch3 are enabled:



Set a value to the **ChannelVolume value edit box for SMAF/MA-2**.

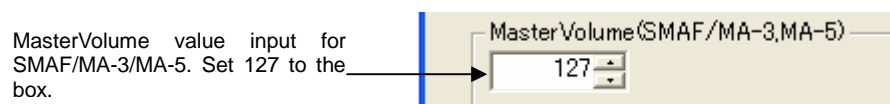
When 127 is set to the box:



■SMAF/MA-3,MA-5:

Set a value to the **MasterVolume value input for SMAF/MA-3/MA-5**.

When 127 is set to the box:



■SMAF/MA-7:

Set a value to the **MaxGain value input for SMAF/MA-7**.

When -12[dB] is set to the box:



When Regulate Chorus (Distortion/Compressor) option is checked under Effect (Distortion, Overdrive, Amp Simulator, Compressor) is being used, you can decrease Effect volume in accordance with the total volume change.

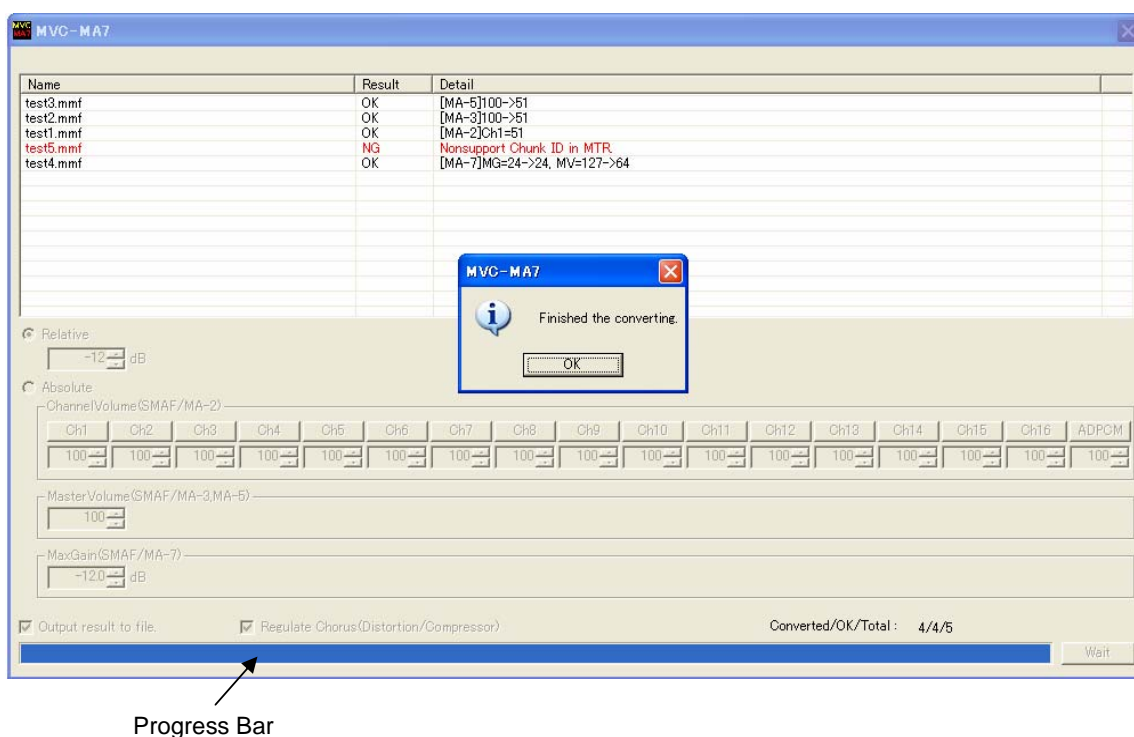
Enables Regulate Chorus (Distortion/Compressor).

Enable → ☒ Regulate Chorus(Distortion/Compressor)

- 3) Drag-and-drop a file (.mmf) to process onto MVC-MA7.

Multiple files can be also processed at one time.

(The progress is displayed on the progress bar.)

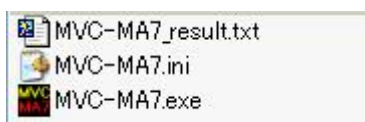


- 4) When the volume conversion processing is successfully ended, “MVC-MA7_output” folder is made in the same folder as the input SMAF file, and the converted SMAF file is saved.

If a file with the same name is already present, the Overwrite Confirmation dialog will be displayed.

Name ▲	Size	Type
MVC-MA7_Output		File Folder
test1.mmf	1 KB	MMF file
test2.mmf	2 KB	MMF file
test3.mmf	1 KB	MMF file
test4.mmf	2 KB	MMF file
test5.mmf	1 KB	MMF file

When **Output result to file** check box <See 4.1.5 **Output result to file Checkbox**> has been checked, the conversion result named “MVC-MA7_result.txt” is created in text format in the same folder as “MVC-MA7.exe.”



7 Processing Result Display

When processed after checking “Output log file” checkbox (See 4.1.5 **Output result to file Checkbox**) of the main dialog, the conversion result is converted into a text format and saved into “MVC-MA7_result.txt” file of the same directory as “MVC-MA7.exe.”

The following is an example of “MVC-MA7_result.txt” file.

test1.mmf SMAF/MA-2			Result:OK Detail:Converted.(0)		Data:2005/12/12 20:14:30		
=====							
Point[sec]	Channel/Track		Action	Before Volume	After Volume		
0.000	1(MTR1)	Relative(-12.0dB)	[99]	51			
test2.mmf SMAF/MA-3							
Result:OK Detail:Converted.(0)							
Data:2005/12/12 20:14:30							
=====							
Point[sec]	Channel/Track		Action	Before Volume	After Volume		
0.000	MTR5	Relative(-12.0dB)	100	51			
test3.mmf SMAF/MA-5							
Result:OK Detail:Converted.(0)							
Data:2005/12/12 20:14:30							
=====							
Point[sec]	Channel/Track		Action	Before Volume	After Volume		
0.000	MTR6	Relative(-12.0dB)	100	51			
test4.mmf SMAF/MA-7							
Result:OK Detail:Converted.(0)							
Data:2005/12/12 20:14:30							
=====							
Point[sec]	Channel/Track	Action	Before Volume	After Volume	Before Gain	After Gain	
Before Level	After Level						
0.000	MTR7	Relative(-12.0dB)	---	---	24	24	
0.000	MTR7	Relative(-12.0dB)	127	64	---	---	
30.588	MTR7	Relative(-12.0dB)	127	64	---	---	
					64(R)	32(R)	
31.060	MTR7	Relative(-12.0dB)	125	62	---	---	
					127(S)	127(S)	
31.528	MTR7	Relative(-12.0dB)	123	62	---	---	
					---	---	
test5.mmf SMAF/MA-7							
Result:NG Error:Nonsupport Chunk ID in MTR.(-12)							
Data:2005/12/12 20:14:30							
=====							

<Figure 7-1> Example 1 of “MVC-MA7_result.txt”

test1.mmf	SMAF/MA-2	Result:OK	Detail:Not	Converted	-	Not	exist	target	volume.(0)
	Data:2005/12/12								
20:08:24									
test2.mmf	SMAF/MA-3	Result:OK	Detail:Converted.(0)	Data:2005/12/12 20:08:25					
Point[sec]	Channel/Track	Action	Before Volume	After Volume					
0.000	MTR5	Absolute	100	100					
test3.mmf	SMAF/MA-5	Result:OK	Detail:Converted.(0)	Data:2005/12/12 20:08:25					
Point[sec]	Channel/Track	Action	Before Volume	After Volume					
0.000	MTR6	Absolute	100	100					
test4.mmf	SMAF/MA-7	Result:OK	Detail:Converted.(0)	Data:2005/12/12 20:08:24					
Point[sec]	Channel/Track	Action	Before Volume	After Volume	Before Gain	After Gain			
0.000	MTR7	Absolute	---	---	24	24			
0.000	MTR7	Absolute	127	127	---	---	64(R)	64(R)	
30.588	MTR7	Absolute	127	127	---	---	127(S)	127(S)	
31.060	MTR7	Absolute	125	125	---	---	---	---	
test5.mmf	SMAF/MA-7	Result:NG	Error:Nonsupport Chunk ID in MTR.(-12)	Data:2005/12/12 20:08:24					

<Figure 7-2> Example 2 of “MVC-MA7_result.txt” file

The following is the description of “MVC-MA7_result.txt.”

<Table 7> Contents of the processed result

Log Type	Description	Example of Display
Filename	The name of an input file is displayed.	test1.mmf
Kind of SMAF	The kind of SMAF of an input file is displayed. “---“ is displayed when the kind of SMAF cannot be specified.	SMAF/MA-2
Result	Processing result is displayed. OK/NG	Result: OK
Detail/Error	Detail information of the result is displayed. For the detail information, see <8 Error Message List>. (Code) is displayed following the Error/Warning message.	Detail: Converted
Date	Date and time of the file conversion is displayed.	Date: 2005/12/12 18:38:49
Point	With Result: OK / Detail: Converted, for the converted volume, time from the head of music (consideration for Start Point is unnecessary) is indicated in second (fixed to three decimal points). In other cases, this item is not output.	0.02
Channel/Track	<p>■SMAF/MA-2: With Result: OK / Detail: Converted, a channel number of the channel in which the converted volume exists (or existed when deleted), and MTR are displayed.</p> <p>■SMAF/MA-3, MA-5, or MA-7: With Result: OK / Detail: Converted, MTR in which the converted volume exists is displayed.</p> <p>Case if Effect volume adjustment is performed by SMAF/MA-7 Result: OK /Detail: Converted, MTR and channel number in which the converted SendLevel exists is displayed.</p>	1(MTR1) for SMAF/MA-2 MTR7 for others
Action	The processing method to convert volume is displayed. Relative(*dB): increase and decrease value input (dB) Absolute : absolute value input	Relative(60.0dB)
Before Volume	The original volume value is displayed. With SMAF/MA-2, when the original channel volume value is not present and a value is newly added, the following is displayed. <relative value input (dB)>: [99] * Default value [NOTE] <absolute value input> “---“	0 to 127
After Volume	The volume value after the conversion is displayed.	0 to 127
Before Gain	The original MaxGain value is displayed. Only for SMAF/MA-7	0 to 24
After Gain	A MaxGain value after the conversion is displayed. Only for SMAF/MA-7	0 to 24
Before Level	Displays old value of ChorusSend, Return Level. (R) represents Return, (S) represents Send. Unless Regulate Chorus option checkbox is checked, the value will not displayed.	1 (R) – 127 (R) 1 (S) – 127 (S)
After Level	Displays converted value of ChorusSend,	1 (R) – 127 (R)

	Retrun Lelvel. (R) represents Return, (S) represents Send. Unless Regulate Chorus option checkbox is checked, the value will not be displayed.	1 (S) – 127 (S)
--	---	-----------------

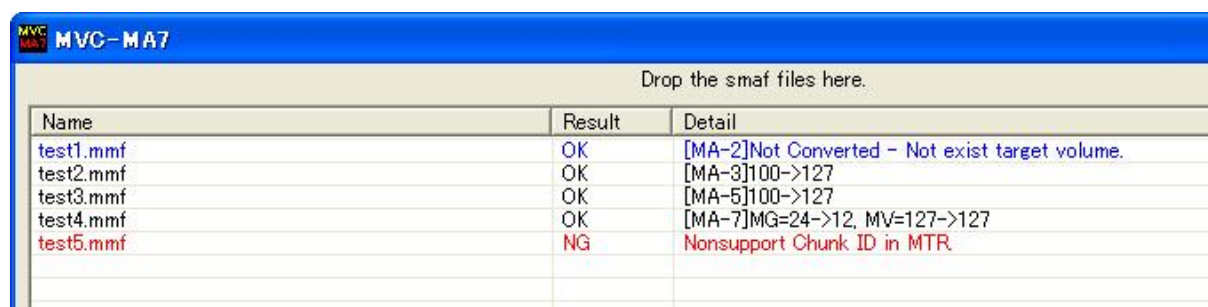
[NOTE]

With increase-and-decrease-value (dB) input of MVC-MA7, when a channel volume is not present in the input SMAF/MA-2, a volume value is calculated by an increase-and-decrease-value to 99 when considering a default value of channel volume as 99.

8 Error Message List

8.1 File Processing Error

Error message will be displayed on the MVC-MA7 window in red characters when error occurs.



<Figure 8-1> Example of Error Display

8.2 Detail Message

8.2.1 When conversion is OK:

Conversion Result Code	Message	Description
0	Converted.	Volume was converted.
0	Not converted - Not Exist Target Volume	Volume was not converted. (With SMAF/MA-2:) - Volume input of all the channels is not enabled in the absolute value input mode.

8.2.2 When conversion is NG:

Conversion Result Code	Message	Description
-1	Nonsupport Chunk ID.	Unknown chunk ID was found.
-2	Nonsupport File ID.	File ID is not MMMD.
-3	File size error.	File size error occurred.
-4	Not exist CNTIChunk.	CNTI chunk is not present.
-5	Chunk size error in CNTI.	CNTI chunk size error occurred.
-6	Chunk size error in OPDA.	Tag size in CNTI is incorrect.
-7	Nonsupport Chunk ID in OPDA.	OPDA chunk size error occurred.
-8	Tag size error in OPDA.	Unsupported chunk ID exists in OPDA.
-9	Chunk size error in Dch.	Tag of size error exists in OPDA.
-10	Chunk size error in Pro.	Chunk size error of Dch chunk in OPDA occurred.
-11	Chunk size error in MTR.	Chunk size error of Pro chunk in OPDA occurred.
-12	Nonsupport Chunk ID in MTR.	MTR chunk size error occurred.

-13	Chunk size error in MspI.	Unsupported chunk ID exists in MTR.
-14	Chunk size error in Mtsu.	Chunk size error of MtsI chunk in MTR1 to 7 occurred.
-15	Chunk size error in Mtsp.	Chunk size error of Mtsu chunk in MTR1 to 7 occurred.
-16	Chunk size error in Mtsq.	Chunk size error of Mtsp chunk in MTR1 to 7 occurred.
-17	Sequence Data Error in Mtsq	Sequence data error of Mtsq chunk in MTR1 to 7 occurred.
-18	Exclusive Message Size Error in Mtsq	Exclusive message size error of Mtsq chunk in MTR1 to 7 occurred.
-19	Sequence data error in Mtsq.	ATR chunk size error occurred.
-20	Exclusive message size error in Mtsq.	GTR chunk size error occurred.
-21	Chunk size error in ATR.	MSTR chunk size error occurred.
-22	Chunk size error in GTR.	Incorrect CRC exists.
-23	Chunk size error in MSTR.	This file is not .mmf file.
-24	File read error. File write error.	Read/Write of the SMAF file failed.
-25	File path is too long.	File path name is too long. In this case, the processing is stopped.
-27	Illegal ATSig.	With SMAF/MA-2, OPDA exists and ATSig exists in CNTI. And, with SMAF/MA-3,MA-5, ATSig exists in CNTI.
-28	Not exist ATSig(A0).	ATSig(A0) is not present.
-29	MTR of the different SMAF kind exists.	MTR of different kind of SMAF exists.
-30	Can not find MasterVolume.	MasterVolume is not present before the first note message.
-31	Invalid StartPoint/EndPoint in MspI.	StartPoint/EndPoint in MspI is incorrect.
-32	Invalid StartPoint/EndPoint in AspI.	StartPoint/EndPoint in AspI is incorrect.
-33	Tag size error in CNTI.	Tag size in CNTI is incorrect.
-34	Illegal Exclusive message in Mtsq.	Exclusive message in Mtsq is incorrect.
-35	Chunk size error in Atsq.	Chunk size error of Atsq chunk occurred.
-36	Chunk size error in Awa.	Chunk size error of Awa chunk occurred.
-37	Sequence data error in Atsq.	Sequence data error of Atsq chunk occurred.
-38	Sequence data error.	Sequence data error (general-purpose) occurred.
-39	Chunk size error in AspI.	AspI chunk size error occurred.
-40	Folder open error.	OUTPUT folder open failed.
-43	Can not find MaxGain.	MaxGain is not present.

8.3 Message Box

8.3.1 Error Message

Message	Description
Initial file parameter error.	MVC-MA7.ini is not present. TARGET_FILE setting is incorrect. Startup does not begin without an initial file.
Can not output the result to (path name).	Output to the result file failed. This is a case where the result file name is too long or the result file is exclusively opened or media that outputs the result file is prohibited to write. In this case, processing is stopped.
Folder open error.	Output folder creation failed. In this case, processing is stopped.

8.3.2 Confirmation Message

Message	Description
(path name) has already exist. Overwrite all? Yes/No	SMAF file overwrite confirmation message. This is displayed only one time.
Finished the converting.	Processing was finished. This message is displayed regardless of normal /abnormal conversion.