

Using RC Rhythm Converter

This document explains basic operation of RC Rhythm Converter (subsequently referred to as “Rhythm Converter”).

What you can do with Rhythm Converter

- SMF (Standard MIDI File) can be read and saved to RC-600 & RC-505MK2 as a Rhythm Pattern (User genre).
- Any bar in the SMF can be set as a variation of the Rhythm Pattern.
- ※ Rhythm pattern that can be used in all memory are common.

Preparing to Use Rhythm Converter

Installing Rhythm Converter

1. Download “RC Rhythm Converter” from the product support page.
2. Right-click the downloaded file to select Extract All, and then follow the instructions.
3. Inside the folder created by extracting the file, double-click “RC Rhythm Converter Setup.exe”.

Installation begins.

Proceed with installation as directed by the installation screens.

When the display indicates “Completing the RC Rhythm Converter Setup Wizard.” click the [Finish] button.

Starting Rhythm Converter

1. Use a USB cable to connect the RC-600 or RC-505MK2 to your computer, and then turn on the power of the RC.
2. Start [RC Rhythm Converter] from the start menu.

Rhythm Converter is automatically connected to the RC when it starts.

Exiting Rhythm Converter

1. Select [Quit] from the [File] menu.
The connection to the RC is automatically disconnected.
- ※ Rhythm Pattern that are not transferred to RC will be discarded.

Basic Screen

The screenshot shows the 'RC Rhythm Converter' application window. It features a menu bar with 'File (F)' and 'Help (H)'. The main area is divided into four sections:

- 1. Pattern LIST:** A table on the left showing a list of rhythm patterns. The table has columns for Name, Tempo, Beat, Bars, and Kit. The first entry is 'SIMPLE BEAT' with a tempo of 120, beat of 4/4, 38 bars, and 'Studio' kit.
- 2. Pattern Parameter:** A section at the top center for editing parameters. It includes fields for Name (SIMPLE BEAT), Kit (Studio), Tempo (120), and Beat (4/4).
- 3. Pattern Player:** A section at the top right for playing the pattern. It includes a play button and a sequence of segments: INTRO, A, A FIL, B, B FIL, C, C FIL, D, D FIL, and END.
- 4. Variation:** A section at the bottom right for specifying the range of each variation. It includes fields for From and Bars, and a visual representation of the variation range.

1. Pattern LIST

Rhythm Pattern included in the User genre are displayed.

2. Pattern Parameter

The parameters of the specified rhythm pattern are displayed.

You can change each parameter.

3. Pattern Player

You can play the contents of a specific variation of a specified rhythm pattern.

4. Variation

Specify the range of each variation.

Adding rhythm pattern to RC

Import the SMF and save it to RC as a Rhythm Pattern.

※ Supported SMF data format

Format	Format 0/Format 1 (Format 1 will merge all tracks)
MIDI Channel	All channel will merge.
Time Signature	2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 5/8, 6/8, 7/8, 8/8, 9/8, 10/8, 11/8, 12/8, 13/8, 14/8, 15/8
Maximum number of patterns that can be imported	50
Maximum number of notes that can be captured in one pattern	9999

* Rhythm Converter imports all NOTE ON information stored in SMF. Therefore, delete unnecessary NOTE ON information from SMF in advance.

Importing SMF into Rhythm Pattern

1. Select [Open MIDI File...] from the [File] menu.

The file selection dialog appears.

2. Select the SMF file you want to load and click the [Open] button.

* For Format1, a dialog is appeared and confirms that the tracks will merge. Click the [OK] button.

Rhythm Converter imports SMF into Rhythm Pattern.

Setting the start position and length of each variation

Assign the imported SMF to each variation.

There are the following types of variations:

INTRO	For INTRO Playback.
VARI-A~D	For variation A~D Playback.
VARI-A~D-FILL	For variation A~D FILL IN Playback.
ENDING	For ENDING Playback.

Playing the variation

1. Click the variation button you want to play from [Pattern player].
2. Click the [▶] button.

The selected variation is played. You can stop playing by clicking the [■] button while playing.

Setting the starting and length of the variation

1. Enter the starting position in the [From] field of the variation you want to set.
2. Enter the length in the [Bars] field of the variation you want to set.

※ FILL cannot change the [Bars].

Setting pattern information

1. Enter any string in the [Name] field.
 - ※ You can set up to 12 characters of text.
 - ※ When displaying on the RC, enter [~] to start a new line.
2. Click the [Kit] pull-down menu and select the rhythm kit you want to set.
 - ※ The kit is not saved in the RC.
3. Enter the tempo in the [BPM] field.
 - ※ The tempo is not saved in the RC.
4. Click the [Beat] pull-down menu and select the beat you want to set.
 - ※ The beat can be selected from 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 5/8, 6/8, 7/8, 8/8, 9/8, 10/8, 11/8, 12/8, 13/8, 14/8, 15/8.

Changing the order of Rhythm Pattern

1. Select a Rhythm Pattern in the [Pattern LIST] field, and change the order by [^][v] buttons.

Deleting Rhythm Pattern

1. Select a Rhythm Pattern in the [Pattern LIST] field and click the [DEL] button.
The confirmation dialog appears.
2. Click the [Delete] button.
If you want to cancel, click the [Cancel] button.

Transferring Rhythm Pattern to RC

1. Select [Apply] from the [File] menu.
The confirmation dialog appears.
2. Click the [Apply] button.
If you want to cancel, click the [Cancel] button.
3. Rhythm Pattern data is transferred to RC's memory.

Saving Rhythm Pattern to a Computer

1. Select [Export...] from the [File] menu.
The file save dialog appears.
2. Enter the file name you want to save in [File] and click the [Save] button.

Importing Rhythm Pattern from a Computer

1. Select [Import...] from the [File] menu.
The file selection dialog appears.
2. Select the saved Rhythm Pattern file and click the [Open] button.
The Rhythm Pattern is loaded into Rhythm Converter. To transfer to RC, see "Transferring Rhythm Pattern to RC".