

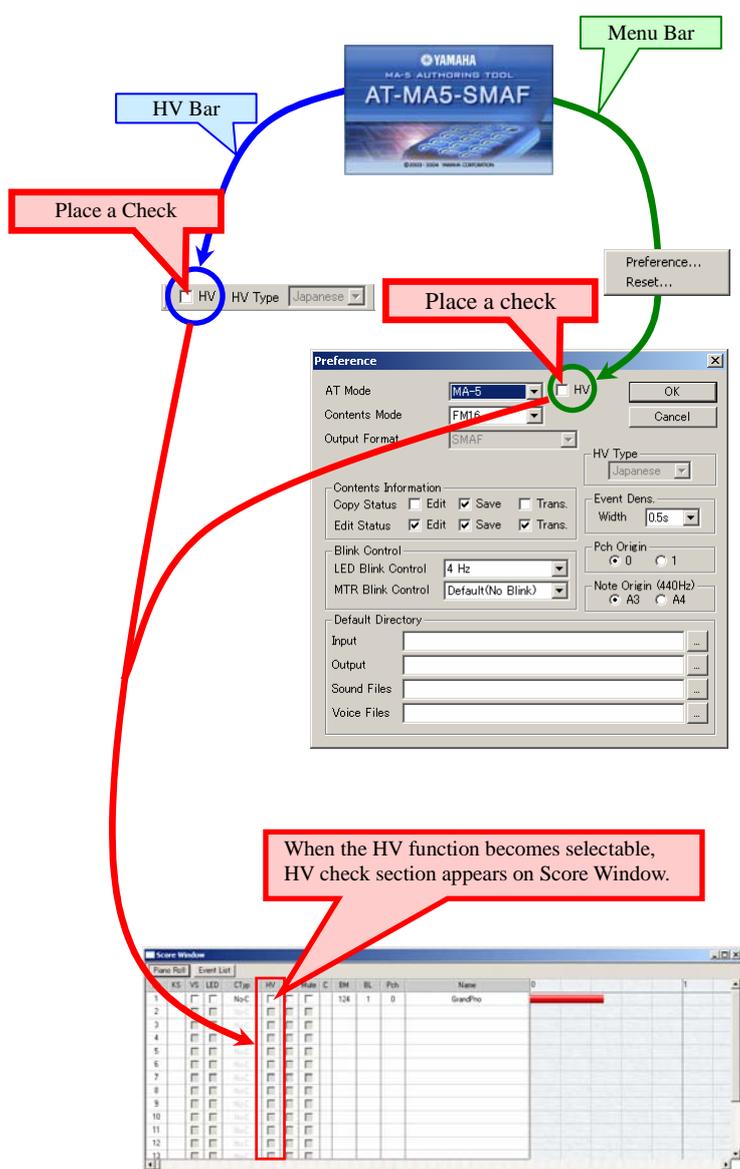
Assign the HV-Script

In this document, a series of operation method to assign the HV-Script into SMAF File (*.mmf) is described. Not only a SMAF File (*.mmf) which is made only by HV-Script but also a SMAF file (*.mmf) which is made by synchronizing the HV-Script with music data can be created.

Assign HV-Scripts into SMAF File

In this section, a series of operation to assign HV-Scripts into SMF (*.mid) which were created using a Sequencer by reading it into MA-5 Authoring Tool is described.

Step1 Enable the HV Function

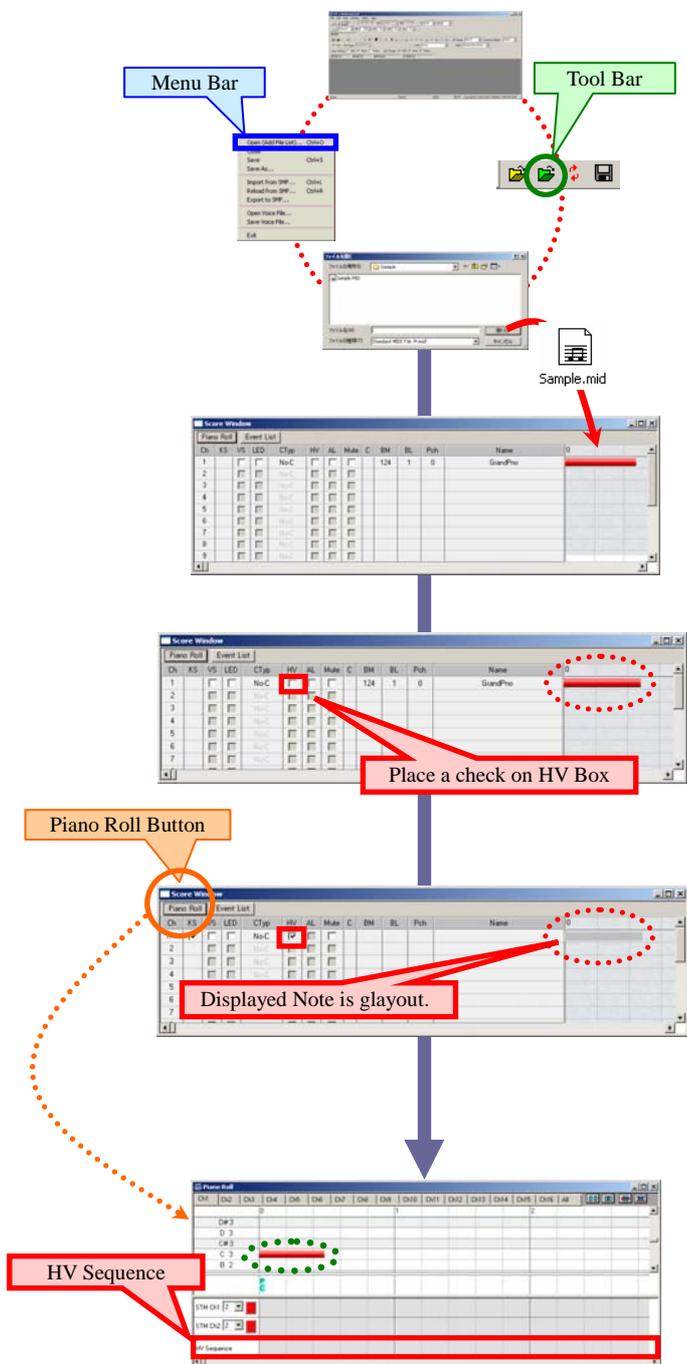


First of all, in order to enable the HV functions, the HV environments in MA-5 Authoring Tool need to be activated.

- i. Operate the "MA-5 Authoring Tool."
- ii. Place a check into a check box of HV Bar on "Application Window". Or, Open the "Preference Window" in order of "Menu Bar" → "Option" → "Preference", and then place a check onto HV check box.
- iii. HV Check Section is displayed on Score Window. Finally, HV function becomes available.

Only when the mode which is selected in Authoring Tool is MA-5 mode, HV function becomes selectable. So, be careful about this point.

Step2 Read a SMF and Display on Channel for HV



i. Read a SMF (*.mid) which was created using the MIDI Sequencer into MA-5 Authoring Tool.

ii. Confirm the read SMF (*.mid) as music data on Score Window.

iii. Place a check into a HV check box of channel which is used for HV.

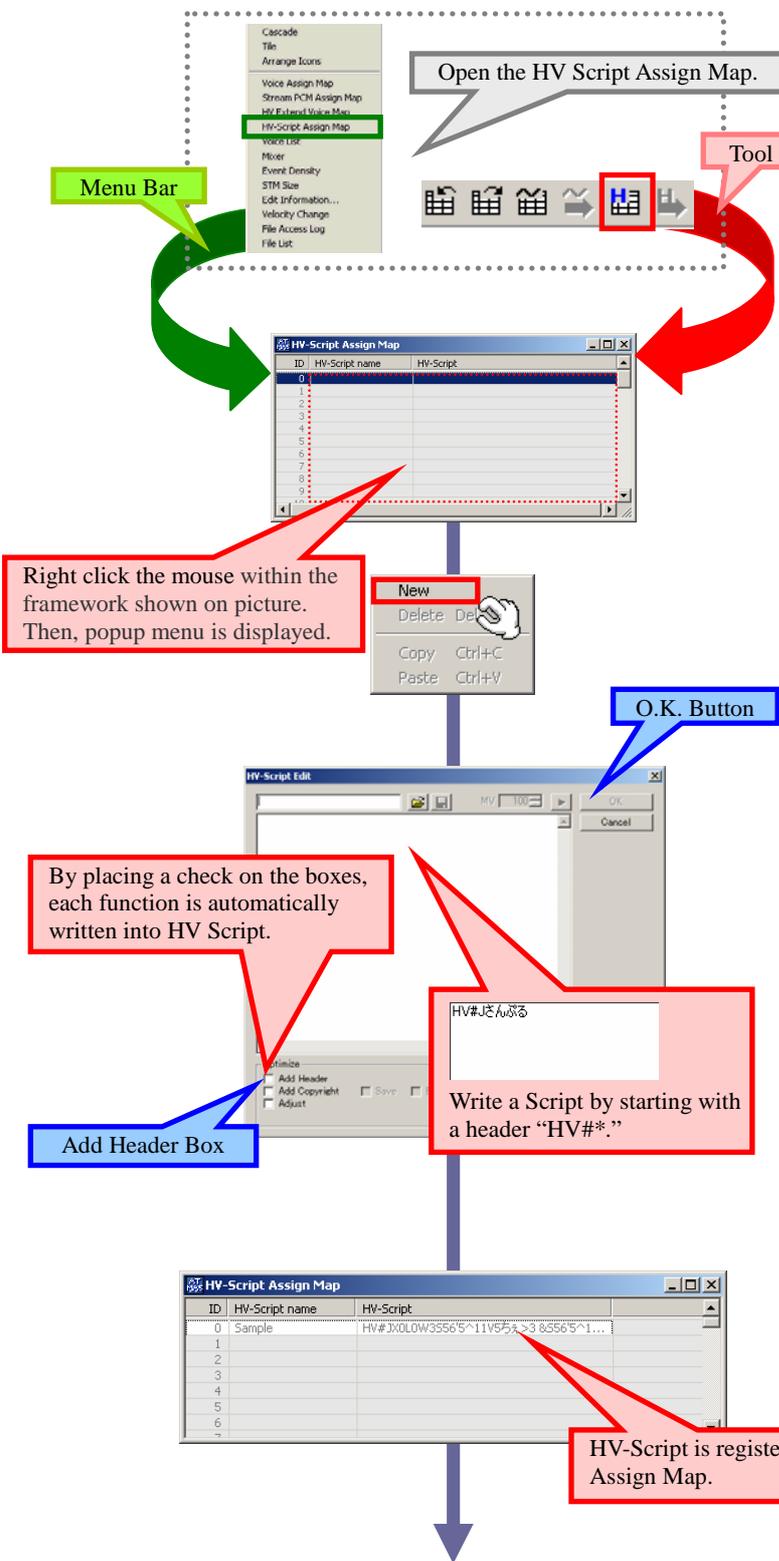
iv. Note information which was displayed all the while is made to nondisplay; in addition, the Note Bar is glayout. (If there is no channel for HV in music data, a playback is disabled at this point.)

v. Click "Piano Roll" button on Score Window.

vi. Piano Roll Window is displayed. Be sure to confirm that "HV Sequencer" is displayed on Piano Roll Window at this point.

Step3 Create HV-Scripts and Register into HV-Script Assign Map

Create HV-Scripts in a read music data and assign.



i. Open the "HV Script Assign Map" from Menu Bar or Tool Bar.

ii. Right click the mouse on a blank space of "HV Script Assign Map."

iii. Popup menu is displayed. Then select "New" from the menu.

iv. "HV-Script Edit Window" is displayed.

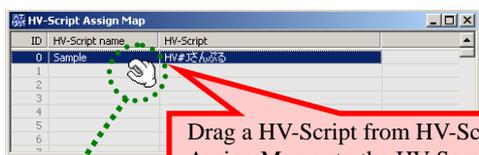
About a writing of HV-Script...
 A header "HV#*" must be included in a HV-Script. There are two way to insert the header, one is writing directly onto Text, and other is inserting a header in order of Option → Add Header → Optimize on HV-Script Edit Window. If a header is not on a Script, it can not be confirmed and played back. For more details about HV-Script, see the attached document "HV-Script."

v. Input a text, and then click "O.K."

Existence HV-Scripts (.hvs) can be read.
 For creating a HV-Script File (.hvs), we recommend you to use the "HV-TOOL" or "HV-Script Decorator" as your convenience.

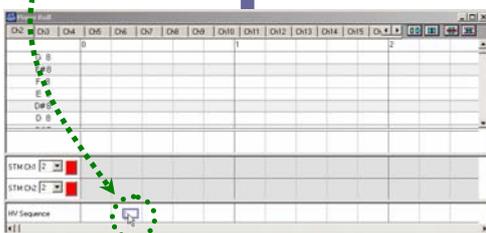
vi. Created HV-Scripts are registered into Assign Map.

Step4 Assign HV-Scripts into SMAF File



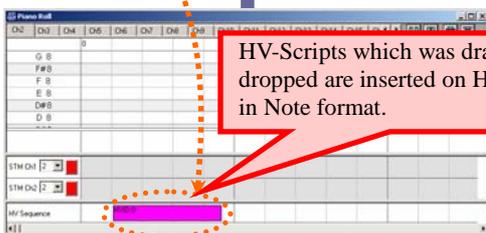
Drag a HV-Script from HV-Script Assign Map onto the HV-Sequence on Piano Roll Window, and drop it.

i. Open “*HV-Script Assign Map*”, and then left-click the mouse on a HV-Script data which was created in Step 3.



ii. Drag the HV-Script to the HV-Sequence on Piano Roll Window, and drop it.

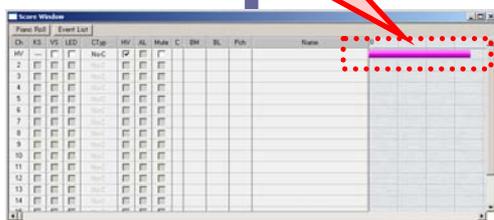
iii. The HV-Script which was input by dragging and dropping is displayed on the HV-Sequence in Note format.



HV-Scripts which was dragged and dropped are inserted on HV-Sequence in Note format.

iv. In order to make it synchronize with music data, HV-Script can be moved by dragging.

A note which was layout is pigmented.



A series of operation to assign HV-Scripts into music data is now completed.

Supplemental Function of HV

In this section, the supplemental functions for assigning HV-Scripts into SMAF file are described.

Multi HV-Script File (*.hs5)

Multi-HV-Scripts can be saved as one file and used.

Save a Multy HV-Script File

Right-click the mouse on a blank space, and register HV-Scripts.

New

Up to 64 HV-Scripts can be registered.

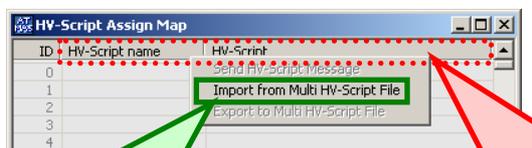
Export to Multi HV-Script File

Select "Export to Multi HV-Script File" from the popup menu.

HV-Scripts are saved as an aggregation (*.hs5).

- i. Open "*HV-Script Assign Map*." Popup menu is opened by right-clicking the mouse. Then, select "*New*" from the menu.
- ii. Open "*HV-Script Edit Window*", and create a HV-Script. Then, register these created Scripts to HV-Script Assign Map one by one.
- iii. By right-clicking the mouse on a title display of "*HV-Script Assign Map*", a popup menu is displayed.
- iv. Select "*Export to Multi HV-Script File*."
- v. "*Save As...*" dialog is displayed. Type a file name, and then press "*Save*." The file is save as a format "*Multi HV-Script File (*.hs5)*."

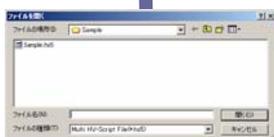
Open a Multi HV-Script File



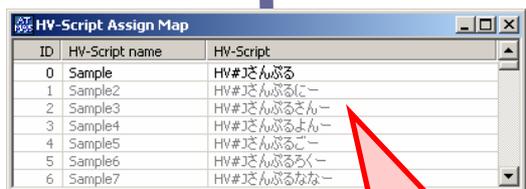
Import from Multi HV-Script

Select "Import from Multi HV-Script File" from the popup menu.

i. By right-clicking the mouse on "HV-Script Assign Map", a popup menu is opened. Then, select "Import from Multi HV-Script File."



ii. "Open" is displayed. Then, select a "Multi-HV-Script File (*.hvs5)" which was save beforehand.



The registered HV-Scripts are displayed by lump.

iii. HV-Scripts which were saved in a lump are displayed on HV-Script Assign Map. If HV-Sequence-track which corresponds to the HV-Script-ID-numbers exists in Piano-Roll-Window, such HV-Scripts are automatically assigned.

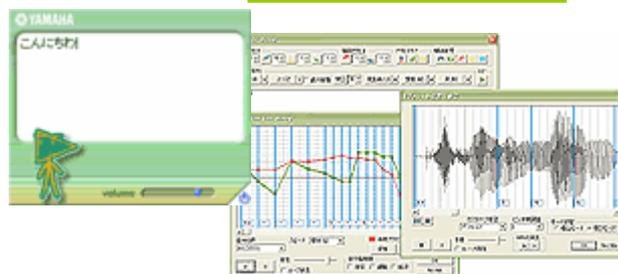
The Recommended Tool for Creating HV-Script

HV-Tool



HV-Script Decorator

Japanese and Chinese only



Links to SMAF Global sites: <http://smf-yamaha.com>