

SysexFiler -- Kronos Timbre Copy

by Tim Godfrey

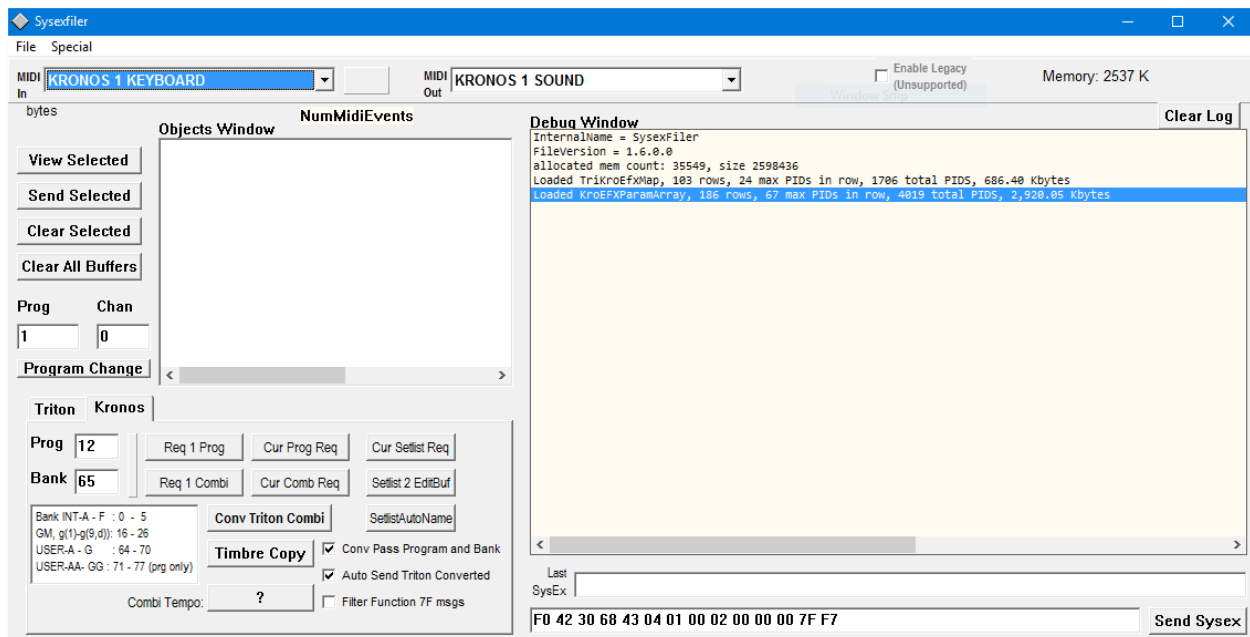
SysexFiler is a general purpose Sysex manager for Windows, extended to perform specific conversion tasks for a few synths. It is not a polished program, as it was not intended for general use. It is non-intuitive, so please read the steps below.

This document explains how to copy Timbres within or between Combis on the Kronos

Installation:

This program does not use an installer and does not make changes to your system. Copy the contents of the ZIP to a folder you create wherever you would like.

Startup:



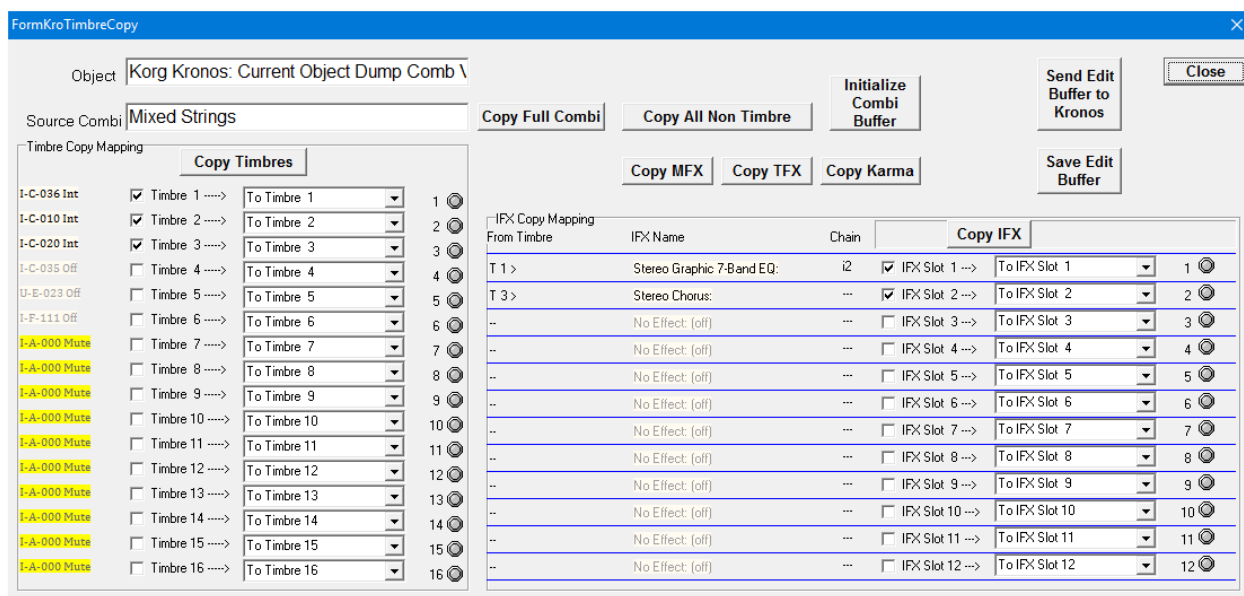
Configure the Input and Output MIDI ports to match your devices. The Input MIDI and the Output MIDI should connect to the Kronos. (The Korg USB driver will probably show up as “KRONOS 1 SOUND”). Note: Korg’s USB driver for the Kronos has been somewhat unstable in my experience, and may cause SysexFiler to crash when closing, or if you change MIDI devices to another MIDI port after using the Kronos MIDI driver.

Timbre Copy Concepts

The Timbre Copy dialog implements a temporary edit buffer that is separate from the objects that are selected in the main window. Every time you open the Timbre Copy dialog, the currently selected

Combi object becomes available as a source to copy any Timbres you want to the edit buffer. You also have the option to copy a full Combi, which brings the Combi name, Effects, Karma, etc. Otherwise these values are not initialized in the temporary edit buffer. For this reason, it makes sense to start with the Combi that is closest to your desired result, and copy it fully. Then add specific Timbres from other Combis as needed.

Overview of the Timbre Copy Dialog:



This dialog lets you select Timbres and IFXs from one or more Source Combis, and copy them into a new Combi (the edit buffer). You can use as many source Combis as desired. Copy the desired Timbres to the edit buffer, click close to close the dialog (the edit buffer is retained), select a new source Combi, copy additional Timbres, and so on. Full details for the process are explained below.

The edit buffer is retained with this dialog until you clear it with Initialize Combi Buffer. You can save the merged Combi two ways:

- 1) Save Edit Buffer – save it as an object back to the object list in SysexFiler (then you can save to a file if desired)
- 2) Send Edit Buffer to Kronos – this will send it back to the Kronos to the edit buffer there. You can then save to the current location, overwriting the existing Combi, or save to a new location using the Kronos.

Dialog Details:

The **Source Combi** is the name of the Combi that was selected in the previous step from the objects window.

The left panel (**Timbre Copy Mapping**) controls the mapping of the source Combi into the edit buffer. The leftmost column shows the source program locations (it is not possible to show program names without loading the entire set of program banks from the Kronos – refer to the

Kronos screen for names). Timbres names that are enabled have black text. If they are off they are gray. If they are muted, they are yellow.

Checkboxes are used to indicate which Timbres are to be copied. The combo boxes to the right of the checkboxes indicate which Timbre to copy into. Timbres can be remapped as needed, or a single Timbre can be copied to many. Copying takes place when the **Copy Timbres** button is clicked.

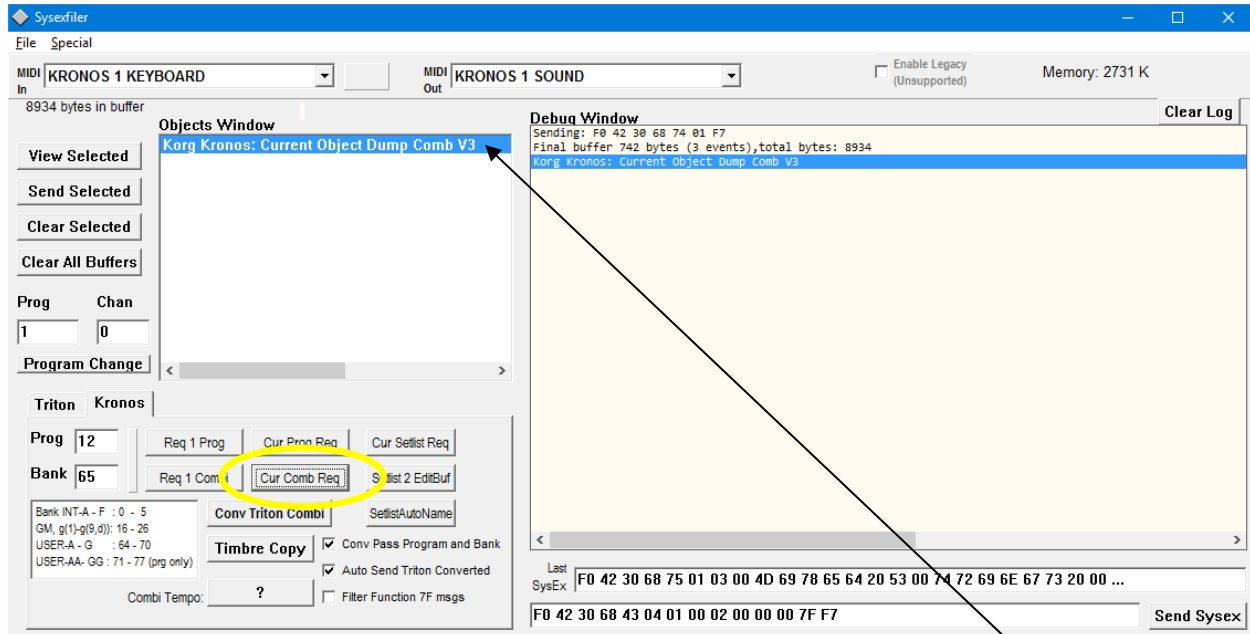
A similar structure is used for the IFX mapping. The right panel (IFX Copy Mapping), shows the current IFX assignments from Timbres, the IFX names in the 12 slots, and chaining (if any). A similar series of checkboxes and mapping combo boxes are used to selectively copy the IFXs, (when clicking the **Copy IFX** button)

Currently MFX, TFX, and Karma can only be copied in their entirety. It is recommended to either use **Copy Full Combi**, or **Copy All Non Timbre** buttons to ensure that valid data is present in the edit buffer.

Example: Merging Timbres from Combi Int A 011 “Mixed Strings” with Int A 015 “Metal Morphosis”

Step 1:

Select the first Combi on the Kronos. Use the “CurCombiReq” button on the Kronos tab to read the combi edit buffer:



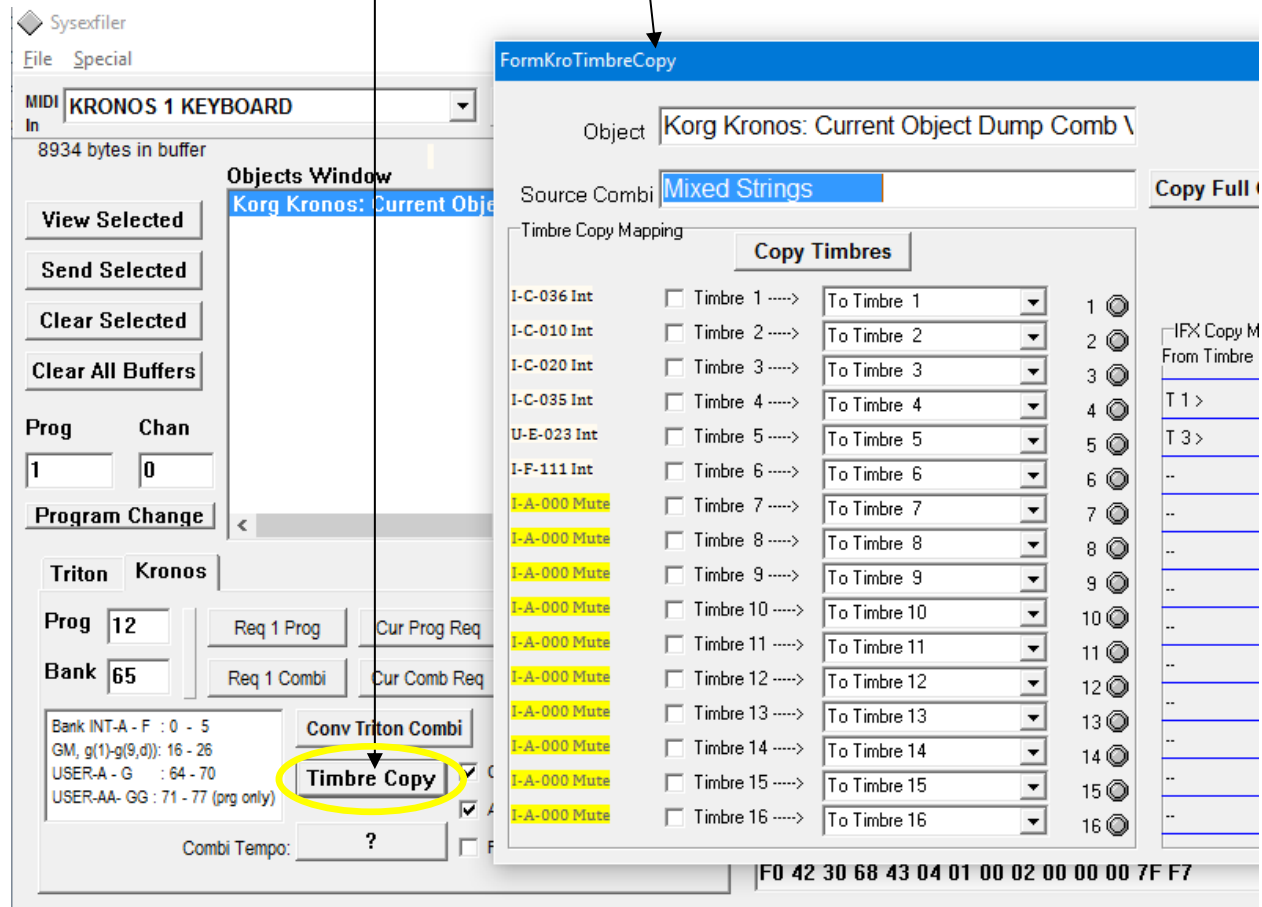
Now the Combi has been loaded. Select it in the Objects Window by clicking on it.

The screenshot shows the Sysexfiler software interface. The main window is titled "FormKroTimbreCopy". It has a blue header bar. Below the header, there's a section for "Object" with the text "Korg Kronos: Current Object Dump Comb \". Below that, there's a "Source Comb" dropdown menu set to "Mixed Strings". The main area is titled "Timbre Copy Mapping" and contains a table with 16 rows. Each row has a checkbox, a label (e.g., "Timbre 1"), and a dropdown menu (e.g., "To Timbre 1"). The "Timbre Copy" button is highlighted with a yellow circle. The background shows the Sysexfiler interface with a MIDI In section and a Triton Kronos section.

Object	Source Comb	Timbre Copy Mapping
Korg Kronos: Current Object Dump Comb \	Mixed Strings	Timbre 1 To Timbre 1
		Timbre 2 To Timbre 2
		Timbre 3 To Timbre 3
		Timbre 4 To Timbre 4
		Timbre 5 To Timbre 5
		Timbre 6 To Timbre 6
		Timbre 7 To Timbre 7
		Timbre 8 To Timbre 8
		Timbre 9 To Timbre 9
		Timbre 10 To Timbre 10
		Timbre 11 To Timbre 11
		Timbre 12 To Timbre 12
		Timbre 13 To Timbre 13
		Timbre 14 To Timbre 14
		Timbre 15 To Timbre 15
		Timbre 16 To Timbre 16

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Object	Source Comb	Timbre Copy Mapping
Korg Kronos: Current Object Dump Comb \	Mixed Strings	Timbre 1 To Timbre 1
		Timbre 2 To Timbre 2
		Timbre 3 To Timbre 3
		Timbre 4 To Timbre 4
		Timbre 5 To Timbre 5
		Timbre 6 To Timbre 6
		Timbre 7 To Timbre 7
		Timbre 8 To Timbre 8
		Timbre 9 To Timbre 9
		Timbre 10 To Timbre 10
		Timbre 11 To Timbre 11
		Timbre 12 To Timbre 12
		Timbre 13 To Timbre 13
		Timbre 14 To Timbre 14
		Timbre 15 To Timbre 15
		Timbre 16 To Timbre 16



Step 3:

Copy **All Non Timbre** (to copy Karma, MFX, TFX, etc to edit buffer)

FormKroTimbreCopy

Object: Korg Kronos: Current Object Dump Comb \

Source Combi: Mixed Strings

Copy Full Combi Copy All Non Timbre Initialize Combi Buffer Send Edit Buffer to Kronos Close

Timbre Copy Mapping

Copy Timbres

Source	Timbre	Destination	IFX
I-C-036 Int	<input checked="" type="checkbox"/> Timbre 1	To Timbre 3	1
I-C-010 Int	<input checked="" type="checkbox"/> Timbre 2	To Timbre 4	2
I-C-020 Int	<input checked="" type="checkbox"/> Timbre 3	To Timbre 5	3
I-C-035 Int	<input type="checkbox"/> Timbre 4	To Timbre 4	4
U-E-023 Int	<input type="checkbox"/> Timbre 5	To Timbre 5	5
I-F-111 Int	<input type="checkbox"/> Timbre 6	To Timbre 6	6
I-A-000 Mute	<input type="checkbox"/> Timbre 7	To Timbre 7	7
I-A-000 Mute	<input type="checkbox"/> Timbre 8	To Timbre 8	8
I-A-000 Mute	<input type="checkbox"/> Timbre 9	To Timbre 9	9
I-A-000 Mute	<input type="checkbox"/> Timbre 10	To Timbre 10	10
I-A-000 Mute	<input type="checkbox"/> Timbre 11	To Timbre 11	11
I-A-000 Mute	<input type="checkbox"/> Timbre 12	To Timbre 12	12
I-A-000 Mute	<input type="checkbox"/> Timbre 13	To Timbre 13	13
I-A-000 Mute	<input type="checkbox"/> Timbre 14	To Timbre 14	14
I-A-000 Mute	<input type="checkbox"/> Timbre 15	To Timbre 15	15
I-A-000 Mute	<input type="checkbox"/> Timbre 16	To Timbre 16	16

IFX Copy Mapping

From Timbre	IFX Name	Chain	Copy IFX	IFX Slot	To IFX Slot	IFX
T 1 >	Stereo Graphic 7-Band EQ:	i2	<input checked="" type="checkbox"/> IFX Slot 1	To IFX Slot 1	1	1
T 3 >	Stereo Chorus:	...	<input checked="" type="checkbox"/> IFX Slot 2	To IFX Slot 2	2	2
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 3	To IFX Slot 3	3	3
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 4	To IFX Slot 4	4	4
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 5	To IFX Slot 5	5	5
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 6	To IFX Slot 6	6	6
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 7	To IFX Slot 7	7	7
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 8	To IFX Slot 8	8	8
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 9	To IFX Slot 9	9	9
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 10	To IFX Slot 10	10	10
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 11	To IFX Slot 11	11	11
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 12	To IFX Slot 12	12	12

Step 4:

Select the Timbres you want to copy from the source, and change their destination Timbre if desired:

FormKroTimbreCopy

Object: Korg Kronos: Current Object Dump Comb \

Source Combi: Mixed Strings

Copy Full Combi Copy All Non Timbre Initialize Combi Buffer Send Edit Buffer to Kronos Close

Timbre Copy Mapping

Copy Timbres

Source	Timbre	Destination	IFX
I-C-036 Int	<input checked="" type="checkbox"/> Timbre 1	To Timbre 3	1
I-C-010 Int	<input checked="" type="checkbox"/> Timbre 2	To Timbre 4	2
I-C-020 Int	<input checked="" type="checkbox"/> Timbre 3	To Timbre 5	3
I-C-035 Int	<input type="checkbox"/> Timbre 4	To Timbre 4	4
U-E-023 Int	<input type="checkbox"/> Timbre 5	To Timbre 5	5
I-F-111 Int	<input type="checkbox"/> Timbre 6	To Timbre 6	6
I-A-000 Mute	<input type="checkbox"/> Timbre 7	To Timbre 7	7
I-A-000 Mute	<input type="checkbox"/> Timbre 8	To Timbre 8	8
I-A-000 Mute	<input type="checkbox"/> Timbre 9	To Timbre 9	9
I-A-000 Mute	<input type="checkbox"/> Timbre 10	To Timbre 10	10
I-A-000 Mute	<input type="checkbox"/> Timbre 11	To Timbre 11	11
I-A-000 Mute	<input type="checkbox"/> Timbre 12	To Timbre 12	12
I-A-000 Mute	<input type="checkbox"/> Timbre 13	To Timbre 13	13
I-A-000 Mute	<input type="checkbox"/> Timbre 14	To Timbre 14	14
I-A-000 Mute	<input type="checkbox"/> Timbre 15	To Timbre 15	15
I-A-000 Mute	<input type="checkbox"/> Timbre 16	To Timbre 16	16

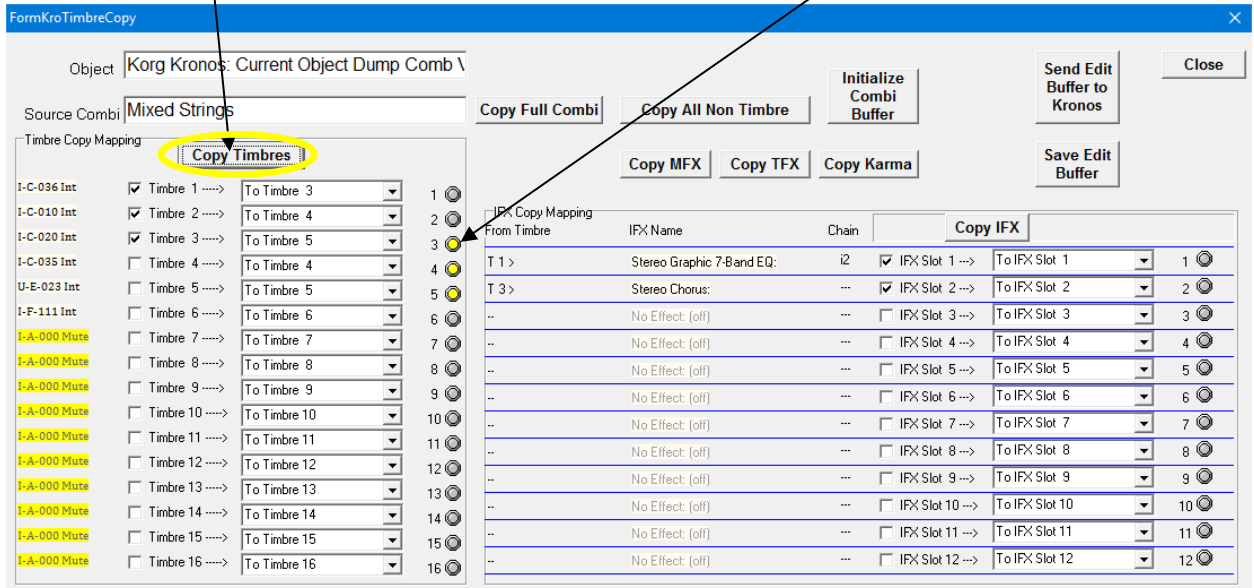
IFX Copy Mapping

From Timbre	IFX Name	Chain	Copy IFX	IFX Slot	To IFX Slot	IFX
T 1 >	Stereo Graphic 7-Band EQ:	i2	<input checked="" type="checkbox"/> IFX Slot 1	To IFX Slot 1	1	1
T 3 >	Stereo Chorus:	...	<input checked="" type="checkbox"/> IFX Slot 2	To IFX Slot 2	2	2
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 3	To IFX Slot 3	3	3
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 4	To IFX Slot 4	4	4
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 5	To IFX Slot 5	5	5
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 6	To IFX Slot 6	6	6
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 7	To IFX Slot 7	7	7
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 8	To IFX Slot 8	8	8
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 9	To IFX Slot 9	9	9
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 10	To IFX Slot 10	10	10
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 11	To IFX Slot 11	11	11
--	No Effect (off)	...	<input type="checkbox"/> IFX Slot 12	To IFX Slot 12	12	12

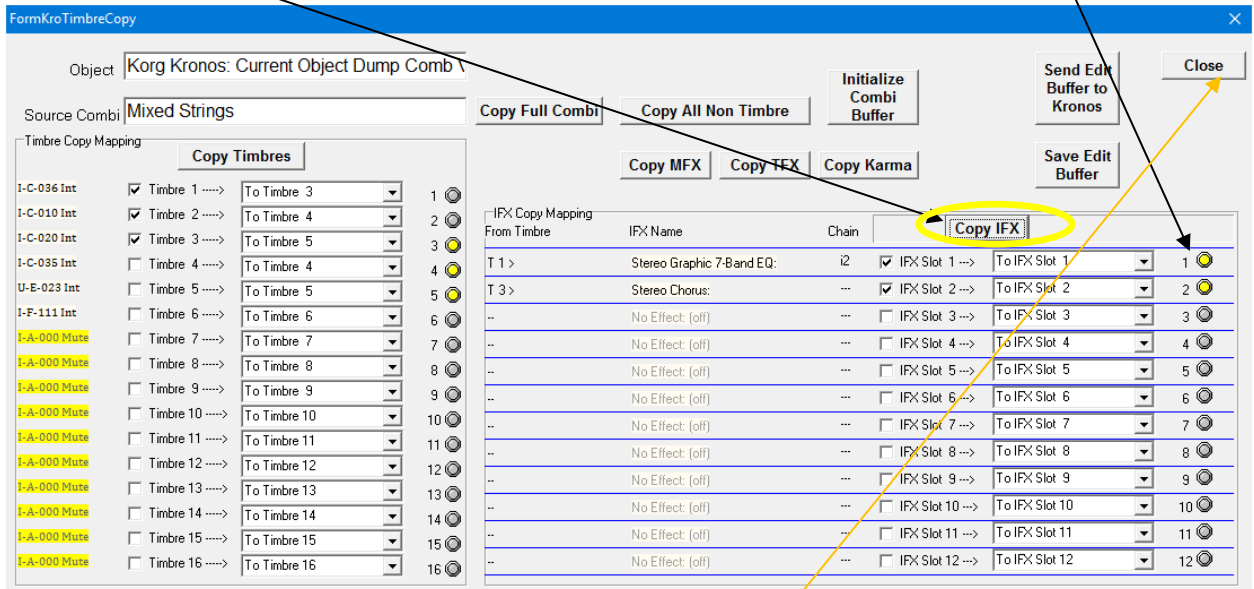
Do the same for the IFX's

Step 5:

Click **"Copy Timbres"**: Timbres copied into the output buffer (3, 4, and 5) will highlight yellow:

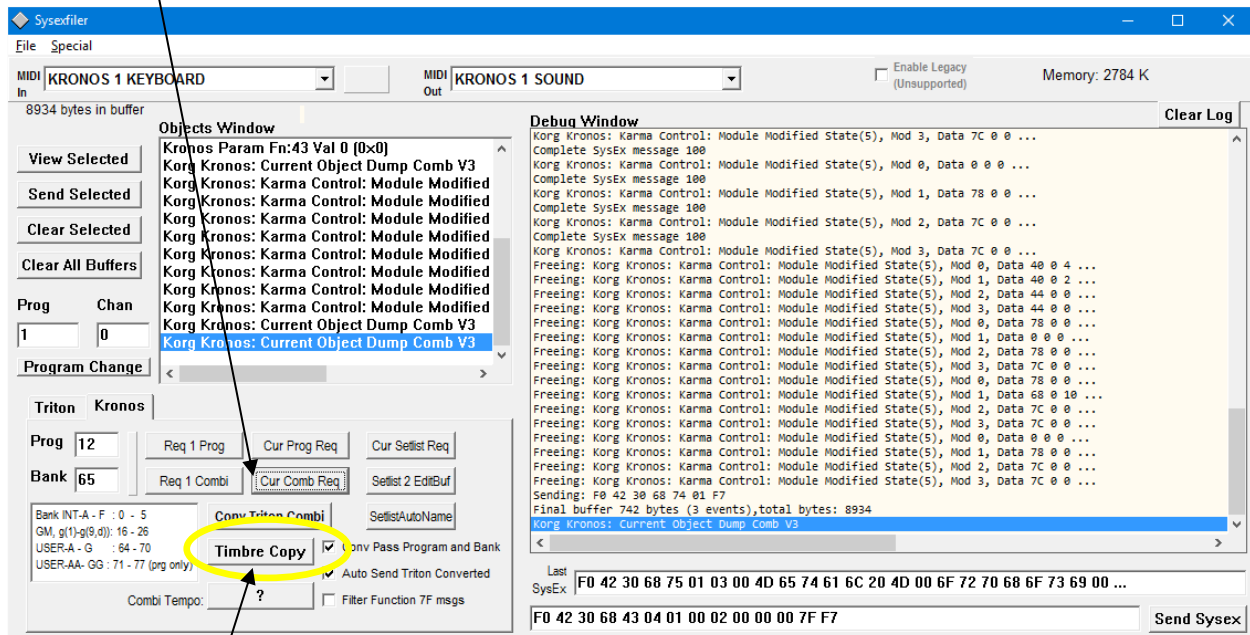


Click **"Copy IFX"**, Timbres copied into the output buffer (3, 4, and 5) will highlight yellow:

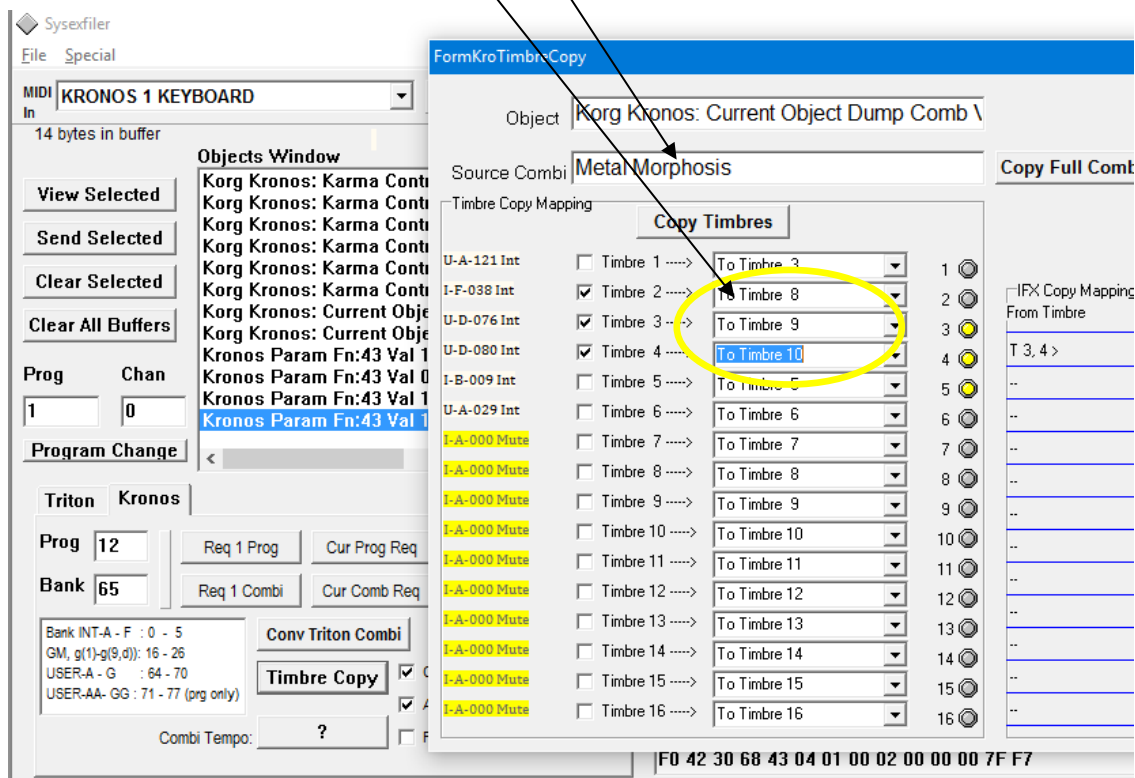


To get the next Combi to copy from, close the Copy dialog with **"Close"**. The temporary buffer will be retained in memory.

Step 6: Request another Combi from the Kronos, and highlight it:

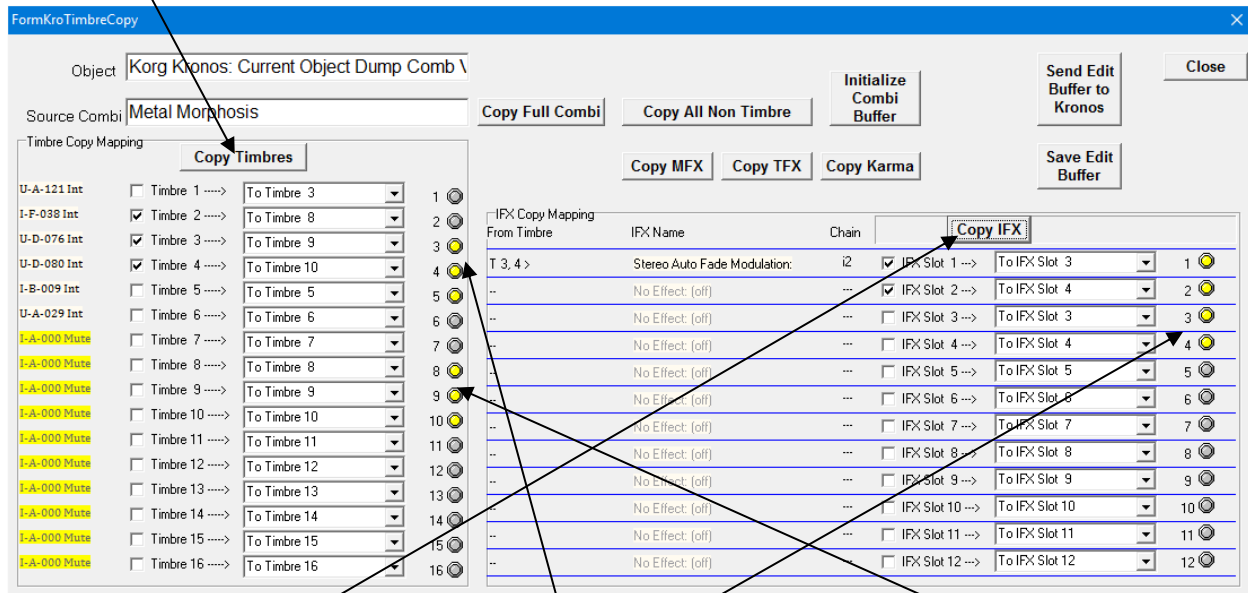


Click Timbre Copy again. Note a new Combi name is shown as the source. This time we will copy source timbres 2, 3, 4 to destination 8, 9, and 10:



Step 7:

Click **Copy Timbres**



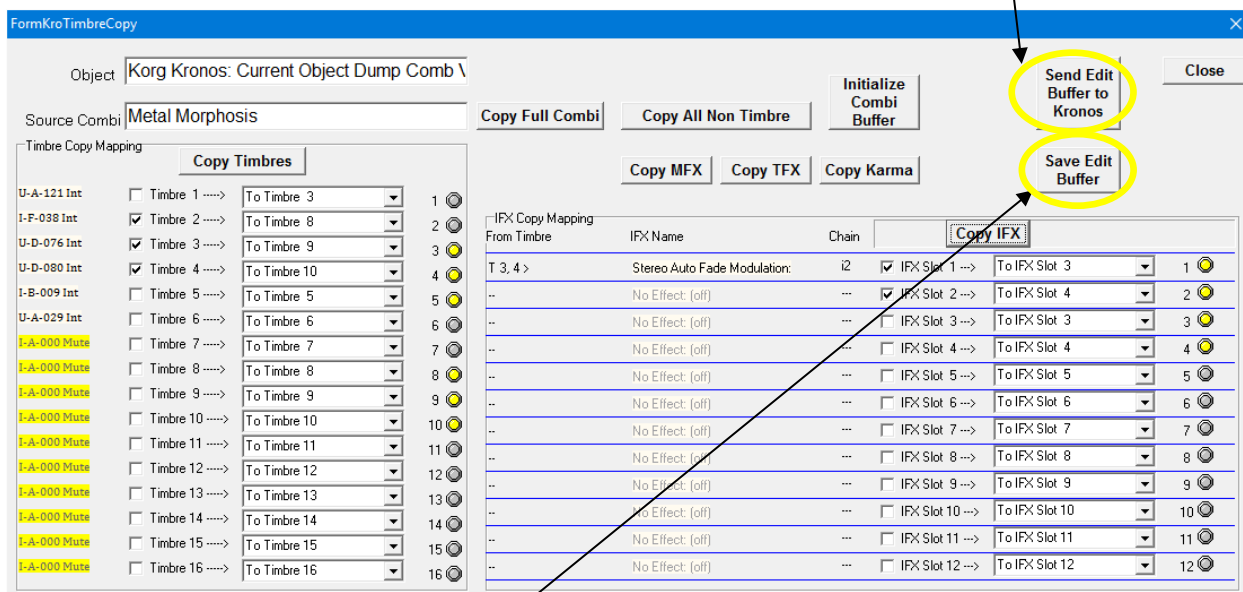
Now we have Timbres from Warm Strings in 3-4 and from Metal Morphosis in Timbres 8-10

Click **Copy IFX** to assign IFX 1-2 into slots 3-4 (because we already have used 1-2)

Step 8:

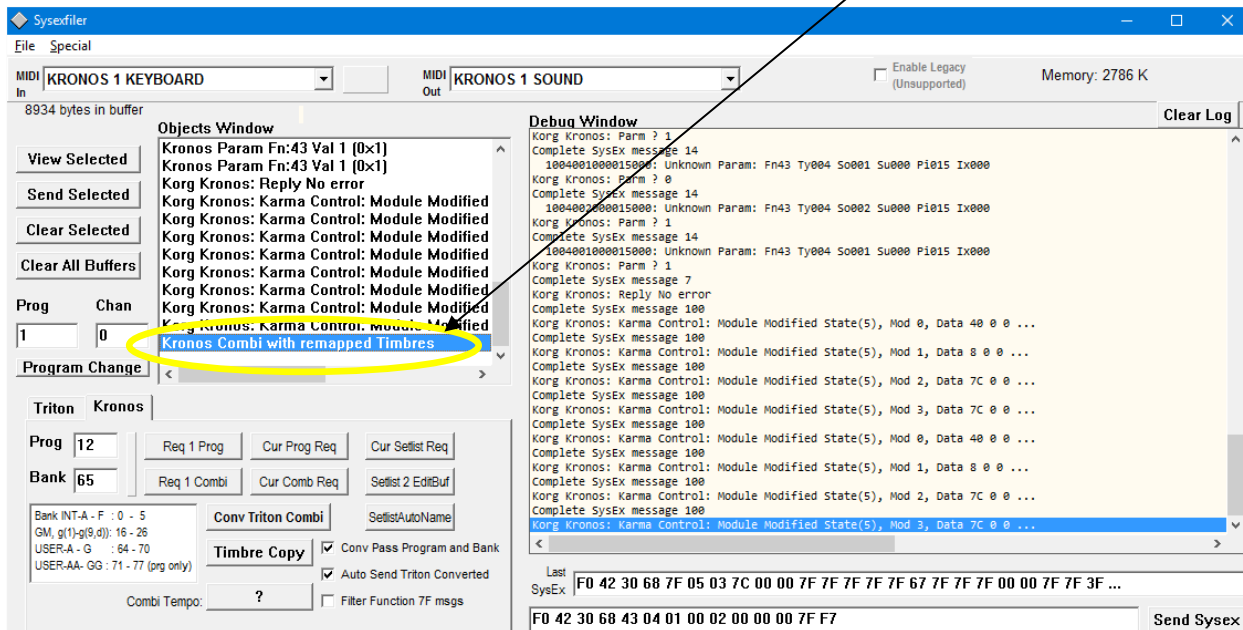
Continue loading additional Combis, mapping Timbres and IFX to available slots until you're done, or run out of slots.

Step 9: When you're ready to audition the result click **"Send Edit Buffer to Kronos"**:



This will put the Combi in the Kronos edit buffer. It will not overwrite anything on the Kronos unless you save the Combi on the Kronos.

Or, you can **Save Edit Buffer** as an object. It will appear as new Object in the Objects window (after you close the Timbre Copy dialog). From there you can save to disk if desired using the File menu.



If you want to start fresh with another combi copy/merge operation, you can initialize the edit buffer with "Initialize Combi Buffer". This will set the buffer to "Init Combi". Alternately, "Copy Full Combi" will completely replace any existing content in the edit buffer.