

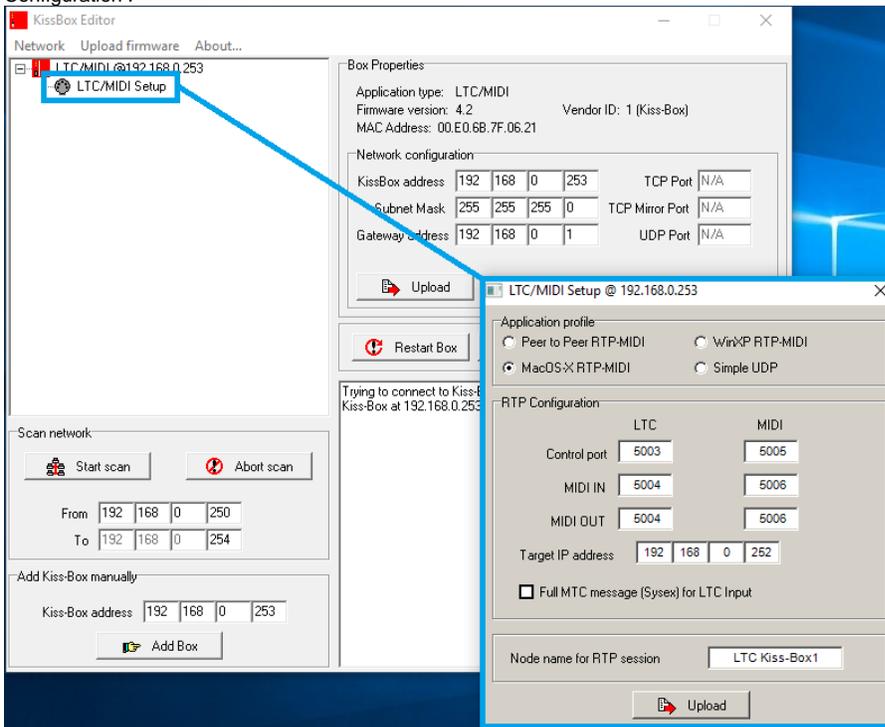
Using KISSBOX LTC/MTC (TC2TR)

Prerequisites

- Pyramix 9.1 / Ovation 5.1 / VCube 5.1 or above required.
- RTP-Midi software must be installed (see [RTPMIDI website](#))

KissBox LTC/MTC transceiver - TC2TR Specifications

1. Download and install *KissBox Editor* from KissBox website <http://kiss-box.nl/downloads-archive/>
2. Launch *KissBox Editor*, and add your box (factory default IP address is 192.168.0.253)
For details, see KissBox Editor Manual <http://kiss-box.nl/downloads-archive/editor-software-manual/>
3. Once your LTC/MTC box shows up in the editor, click on **LTC/MIDI Setup**.
4. Configuration :



- **Application profile** must be set to **MacOSX-RTP Midi**.

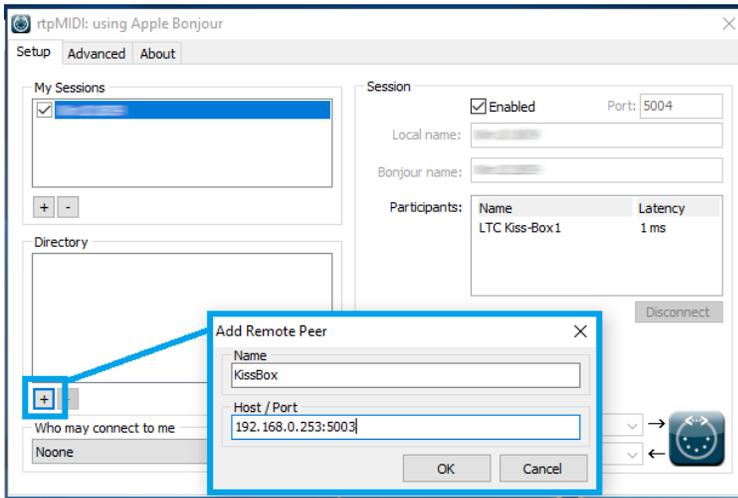
(even if you want to use the KissBox with a Windows computer. The WinXP RTP-MIDI is reserved for an older driver made by KissBox)

- **Port Configuration** can be left to default values.

- **Target IP address** is not required

- **Full MTC midi message (sysex) for LTC Input** can be turned on, both full or quarter frame MTC are supported by Ovation / PMX / VCUBE.

5. Click on **Upload** to confirm the configuration.
6. Start **RTP Midi**.
7. If you don't have a session already, create one by clicking on the **±** icon under *My Sessions* section.
Set the Local / Bonjour Name according to your needs, then **enable** the session.
8. Depending of the KissBox version :
If your KissBox firmware version is 5 or higher, the device will be discovered automatically and appear in the Directory section.
If your KissBox firmware version is below 5, the device will have to be added manually:



-Under the *Directory* section, click on the **+** icon

-Enter a name then enter the KissBox IP address and its Control port, defined in KB Editor LTC/MIDI Setup page.
By default 192.168.0.253:5003

9. Select the KB device in the Directory section, and click on Connect to add it to the Session participants.
10. You can now start Pyramix, Ovation or VCube to use MTC.
See user manuals for further details to use MTC.

Note : RTPMIDI do not properly always refresh, if you need to change your settings in RTPMIDI, you will have to restart the computer for the changes to apply.



KissBox limitations

- KissBox do not support Multicast IP protocol
- Supported frame rates : 30, 29.97, 25 & 24 fps (not 23.98)
- Must be set on a separate network than the Ravenna/AES67 Network.
(and must therefore be set on a different IP address range)