

## **Release Notes and Manual EN USB Connect V1.6.0**

Software version: 1.6.0

Build Date: May, 2020

---

### **Release Notes V1.6.0**

The USB Connect software enables a direct audio connection between a TM3-Primus as a plug-in within a DAW environment. It also offers the remote control within the DAW for start/stop/reset to the TM3-Primus. With this software it is no longer necessary to define the TM3-Primus as output device. The software can also be used as a stand-alone remote control for start/stop/reset to the TM3-Primus.

### **Plug-in Features**

---

- Plug-in operation for a direct audio connection between DAW and TM3-Primus via USB Connect.
- Direct access of Stereo or 5.1 audio signals from the DAW.
- Monitoring and metering at the same time.
- Remote control of start/stop/reset loudness functions, time scale of Chart instrument, and reference of RTA of the directly connected TM3-Primus via plug-in.
- Stand-alone operation

### **New Features**

---

- Options for channel routing have been added to the plug-in and the stand-alone application

## Updates

---

- Problems with newer DAWs and operating systems have been fixed
- The connection state will be stored and recalled if possible.
- DAW follow and DAW reset will be stored and recalled in the DAW session.
- Devices that were started after the launch of the USB Conenct software will be detected automatically.
- The general stability has been improved.

## Compatibility

---

### Platforms:

- Windows® 7 to 10:
  - VST2.4 for Windows®
  - VST3 for Windows®
  - AAX for Windows®
- Mac OS X® 10.11 and higher:
  - VST2.4 for Mac OS X®
  - VST3 for Mac OS X®
  - AAX for Mac OS X®
  - AU for Mac OS X®

## System and Operation Requirements

---

- Software installation:**
- Dual-core processor 2.5 GHz
  - 4 GB RAM
  - 200 MB free hard disk space

**Sample rates:** 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz

- TM3-Primus operation:**
- RTW TM3-Primus is equipped with firmware version 1-02 or higher \*)
  - "RTW Primus USB-Audio Driver v2.24.0" \*) or higher is installed on Windows® operating systems
  - Input selection of TM3-Primus is set to "USB audio 2.0" or "USB audio 5.1"
  - USB Connect software is installed

- with DAW:
- A Stereo- or 5.1 track is active in the DAW
  - USB Connect plug-in is instanced to the track being measured
  - Active connection between plug-in and TM3-Primus

- with stand-alone:
- At least two channels are activated in the Audio Setup menu of the USB Connect software
  - Optional for specific configurations: Activated Loopback function of the sound card

\*) : This software and the corresponding manuals are available in "Audio Monitors/TM3-Primus" section at members area on the RTW web site:  
<https://www.rtw.com/en/support/manuals-software.html>

## Notes

---

### Buffer setting

Do not change buffer settings on the fly, but proceed as follows:

#### Procedure

- Disconnect TM3-Primus from USB Connect
- Change the buffer settings
- Connect TM3-Primus to USB Connect again
- Check the synchronization of the settings

### RTW USB Connect

Only one instance of the plug-in should be connected resp. should send audio data to TM3-Primus. Otherwise level summing resp. variations in the measuring result may occur.

## Important Notice

---

### Trademark

- All products and company names contained herein are <sup>TM</sup> and ® of their respective holders.

### Copyright

RTW GmbH & Co.KG  
Am Wassermann 25  
50829 Cologne  
Germany

### Support

Visit [www.rtw.com](http://www.rtw.com) for support information

## Manual

In the following section, the installation of the USB Connect software and its configuration for the use with a DAW or as stand-alone application is described. The system requirements are listed above in the Release Notes section.

### 1 | Installation

- Check, that TM3-Primus is equipped with firmware version 1-02 \*) or higher. Set Input selection to "USB audio 2.0" or "USB audio 5.1".
- On Windows® operating systems, install the RTW Primus USB Audio Driver Version 2.24. \*) or higher.
- Install the USB Connect software as plug-in, and as stand-alone application, if desired.

\*) : This software and the corresponding manuals are available in "Audio Monitors/TM3-Primus" section at members area on the RTW web site: <https://www.rtw.com/en/support/manuals-software.html>

### 2 | Configuration for plug-in operation

- Define a Stereo or 5.1 track in your DAW.
- Insert the USB Connect plug-in into the track being measured.
- The USB Connect plug-in is displayed on the screen, and DAW and TM3-Primus will be connected.
- The left symbol displays the state of the connection to TM3-Primus. Click to the symbol to activate the routing of the audio signal to TM3-Primus. Now, the audio signals from your DAW can be monitored and metered at the same time. Another click deactivates the routing.

### 3 | Configuration for stand-alone operation

- Define your sound card as standard output device.
- Access the preferences of your sound card and activate the Loopback function, if you want to see a playback or an output channel as input channel on your TM3-Primus.
- Run the USB Connect stand-alone application.
- Click to the gear wheel to open the menu with the settings. The "Audio" tab with the "Audio Setup" menu is displayed. Select it, if it is not displayed.
- Select the audio device type, the device, and at least 2 active input channels for Stereo, and 6 active input channels for 5.1 Surround. Assure, that TM3-Primus is correspondingly set to "USB audio 2.0" or "USB audio 5.1" (see above).
- Synchronize the sample rate and the audio buffer size. If needed, open the preferences of the selected audio device with a click to the "Control panel" button. Possibly, the synchronization must be done manually. Therefore, click the "Reset device" button.
- Scroll further down and click to "Audio Routing". The "Input Routing" tab is displayed.
- Adjust the desired inputs to the device channels.
- Click "OK" to confirm the changes.
- The left symbol displays the state of the connection to TM3-Primus. Click to the symbol to activate the routing of the audio signal to TM3-Primus. Now, audio signals can be monitored and metered at the same time. Another click deactivates the routing.