

Thank you for purchasing **MADRIX® USB SMPTE!**

11th Edition — October 2023

Please read this manual carefully and thoroughly before using MADRIX® USB SMPTE. Make sure that you fully understand all information.



Key Features

SMPTE Time Code – This input device allows you to effortlessly use SMPTE time code for time synchronization across your equipment and multiple devices.

Standard Connectors – Data is received via the 3-pin, female XLR connector. The device can simply be connected to any USB 2.0 port.

Example Of Use – Synchronize the automated playback of scenes and effects in MADRIX 5® by using the Cue List.



Technical Specifications

Supply Of Power	DC 5 V, 500 mA, Power over USB
Power Consumption	~ 50 mA during normal operation
BTU/h	0.34 during normal operation
Plug	3-pin, XLR, female, NEUTRIK
USB	1x port, USB 2.0, type-A male plug, Plug and Play, 2 m cable
Weight	110 g (0.24 lb)
Temperature Range	10 °C to 50 °C (50 °F to 122 °F) (Operating) -10 °C to 70 °C (14 °F to 158 °F) (Storage)
Relative Humidity	5 % to 80 %, non-condensing (Operating / Storage)
IP Rating	IP20
Certificates	CE, EAC, RoHS
Warranty	5 years of limited manufacturer's warranty

Package Contents

- 1x MADRIX® USB SMPTE
- 1x This technical manual / quick start guide

Please note: Check the package contents and the condition of the interface after unpacking! Contact your supplier if something is missing or damaged. Do not use the device if it seems to be damaged!

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Limited Warranty

Five years of limited manufacturer's warranty are granted to the purchaser of this product with regards to constructional fault, material defect, or incorrect assembly the manufacturer has caused or is to be held responsible for. This warranty will be void if the interface is opened, modified, or damaged through inappropriate handling, wrong usage, overvoltage, or damaged through any other cause. All details are available online at www.madrix.com/warranty

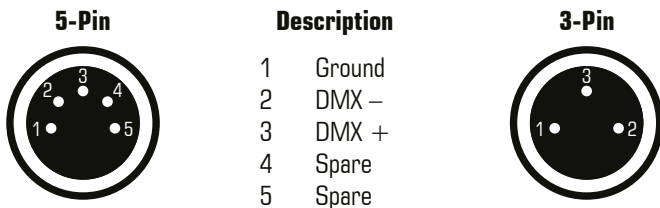
End-Of-Life



This electrical device and its accessories need to be disposed of properly. Do not throw the device into normal trash or household waste. Please recycle packaging material whenever possible.

3-Pin And 5-Pin XLR Connector Layout

The images below outline the general pin layout of 5-pin and 3-pin XLR ports.



Please note: MADRIX® USB SMPTE features a 3-pin, female XLR connector. Please use XLR adapters if necessary!

Step-By-Step Configuration

- 1) Connect your device.
- 2) Enable drivers in the MADRIX® 5 Software.
- 3) Use the Cue List.

1) Connect Your Device

- Connect your SMPTE time code source to the 3-pin, female XLR connector of MADRIX® USB SMPTE.
- Make sure that your SMPTE time code source is sending data.

- Connect your MADRIX® USB SMPTE to a free USB 2.0 port of your computer.
- Make sure that the Microsoft® Windows® operating system recognizes the device. Windows® will automatically install the drivers for the device.

2) Enable Drivers In The MADRIX® 5 Software

- In MADRIX® 5, go to the menu **'Preferences' > 'Options...' > 'Devices USB'**.
- Activate **'MADRIX USB SMPTE'**.
[The option is activated by default.]
- Click **'Apply'** and **'OK'**.

3) Use The Cue List

The Cue List is the feature in the MADRIX® 5 Software to work with Time Code.

- In MADRIX® 5, go to the menu **'Tools' > 'Cue Lists...'**.
- Or press **'F7'**.
- Or click **'Layers' > 'Cue Lists...'** on the user interface.

- Create a new Cue List via **Edit** (Pencil Icon) > **'+'**.
- Select the Time Code source **'SMPTE'**.
- Select the required Time Code Format.

- The MADRIX® 5 Software will automatically start receiving external Time Code.
- The Time Code format is HH:MM:SS:FF [hours:minutes:seconds:frames].
Example: 10 o'clock and 20 minutes, 30 seconds, and 10 frames will be shown as **'10:20:30:10'**.

- Configure the column **'Time Code'** for each of your Cue List entries.
- Add or edit more Cue List entries according to your requirements.

Support

In case of further questions regarding MADRIX® USB SMPTE or technical problems, please read the **'MADRIX® 5 Help And Manual'** first, contact your dealer, or have a look at the website www.madrix.com
You can also directly contact info@madrix.com

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