



# TC 1



# User Guide

USB TIME CODE READER / GENERATOR

SMPTE to MTC / MTC to SMPTE

MMC / AUDIO Input/Output

5.3 Accessories & other products

TC1 rack-mount kit

This rack mount plate is 19" and 1U in height. Perfect for mounting the TC1 unit inside a rack in the standard way.



TC1 rubber shoes (protection)

Rubber shoes that fix on to the ends of the TC1 unit giving added protection and grip.

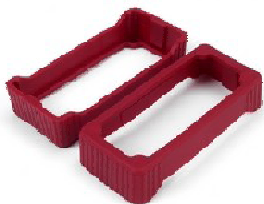
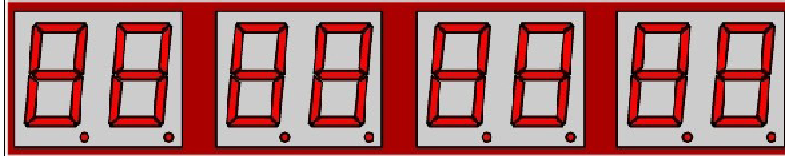


Table of Contents

- 1 Introduction..... 4
- 2 Installation/Setup..... 5
- 3 Configuration..... 6
- 4 Advanced Controls..... 8
  - 4.1 Configuring firmware and hardware configuration..... 9
  - 4.2 timec0de control software..... 10
- 5 Appendix..... 12
  - 5.1 Features..... 12
  - 5.2 Typical setup..... 13
- 5.3 Accessories & other products..... 14
- 6 Contact / Support..... 15

5 Appendix5.1 Features

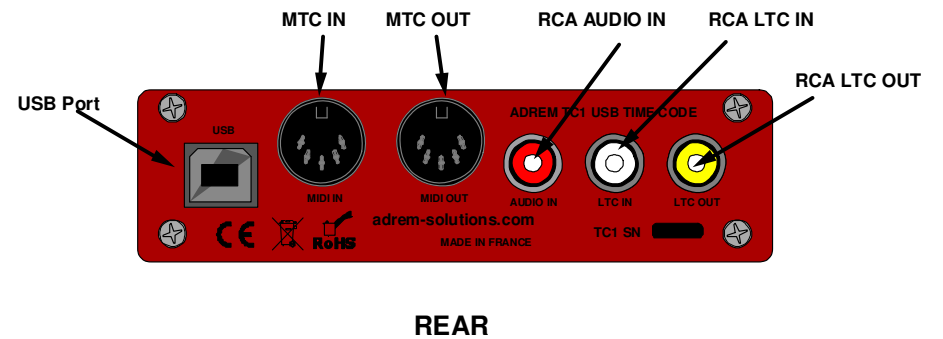
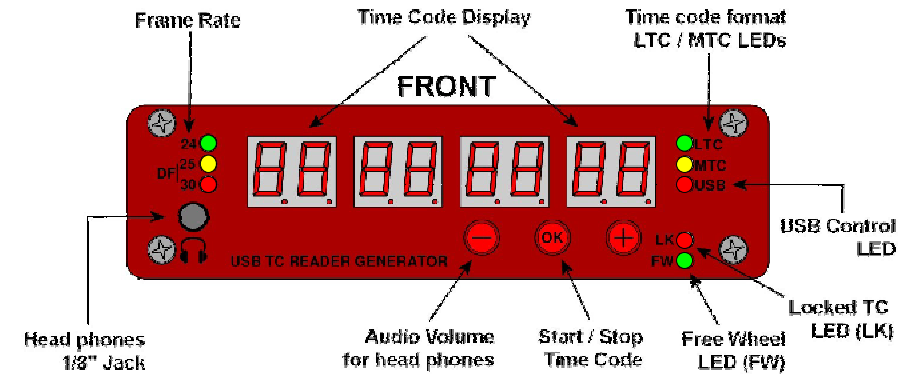


TIME CODE DISPLAY CLOCK

|  |   |  |   |
|--|---|--|---|
|  | 24 frames per second<br>Film standard             |  | Start and stop<br>running.  |
|  | 25 frames<br>European<br>PAL                      |  | Lock LED -<br>Illuminates when the<br>Time code source is<br>good and locks the light on        |
|  | 30 frames per second<br>American standard<br>NTSC |  | Free wheel LED<br>If Time code is lost then<br>the TC1 unit will free<br>wheel TC till returned |
|  | 30 DF frames per second<br>American standard      |  | LTC LED -<br>Indicates if LTC is<br>source  |
|  | Headphone jack socket<br>1/8" jack                |  | MTC LED -<br>Indicates if MTC is<br>source  |
|  | Volume control<br>DECREASE                        |  | USB LED -<br>Indicates if USB is<br>connected and in control                                    |
|  | Volume control<br>INCREASE                        |  |   |

2. Installation / Setup

Plug the 3.5m USB cable into the TC1 unit and the other end into a PC / Mac USB port. Power will now be supplied to the TC1 unit and the LED's and Time Code display will illuminate. The computer will then automatically install the drivers necessary to use TC1 unit. Once the TC1 unit has successfully been installed the TC1 unit will appear all midi and smpte software setup menus as input and output sources / devices.

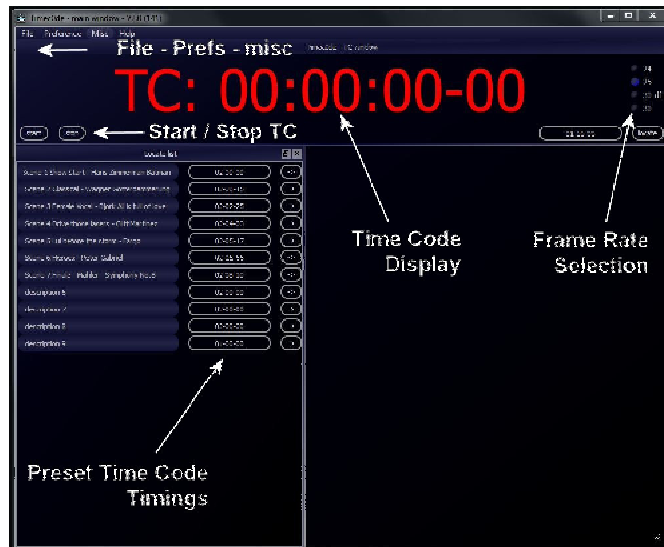


**4.2 Timec0de control software**

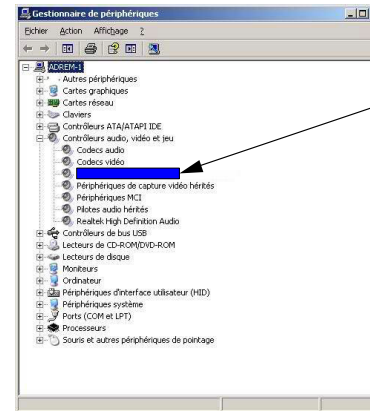
1. Contact ADREM-SOLUTIONS if you do not have the "timec0de-inst\_141.exe" file  
Or MAC OS version
2. Connect the TC1 unit by USB and run ADREM TC V1-02.exe
3. The timec0de software will now install
4. When installation is complete double click on the timec0de short cut that was created on the desktop



**5. Timec0de main control window now opens (figure 4)**

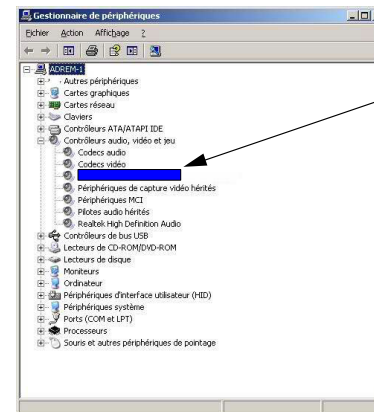


**Windows Device manager XP**



Audio USB Device

**Windows Device manager W7**



ADREM TC1A

**Tested with:**  
 Médialion  
 Pangolin Laser software  
 SUN LIGHT DMX software  
 Pro Tools LE / HD  
 Cubase / Nuendo  
 Logic Pro  
 Digital Performer  
 Studio One  
 Samplitude  
 Clockwork