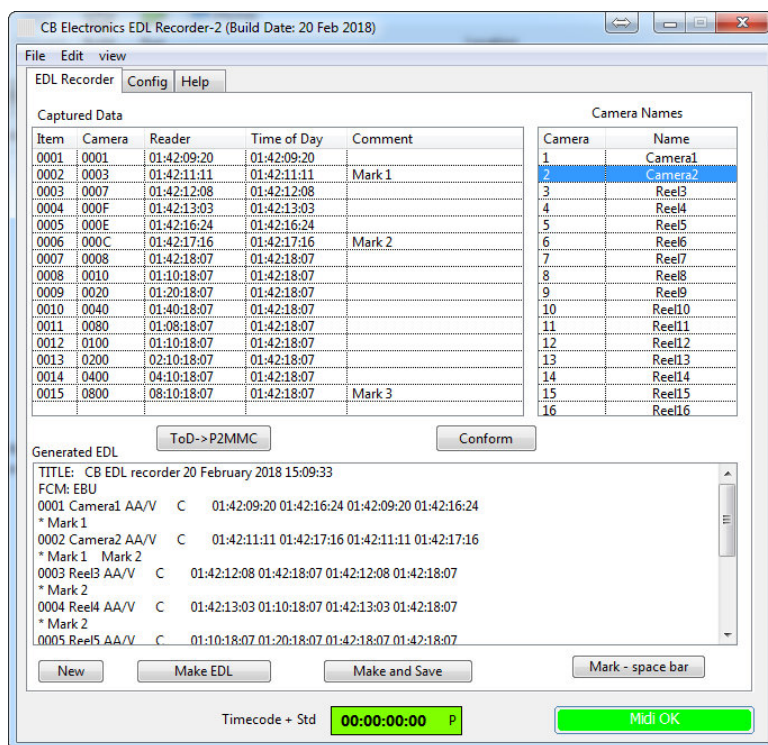




# EDL Recorder 2

The CB EDL recorder enables easy reconstruction of live edits to simplify and reduce the time required in the generation of edited highlights. By logging the real time decisions of the video editor in a standard EDL format the original camera tapes/files may be accessed quickly and accurately.



- A maximum of Eight or as an option Sixteen Source Reels GP Inputs
- Mac and Windows Program with USB LTC reader (P2MMC-USB)
- Multiple EDL formats
- Mark Key
- No Driver required

## **[New] Key**

Clears EDL and GPO Capture List, and update's the P2MMC with the Computer Time of Day.

## **[ToD -> P2MMC] Key**

Update's the P2MMC with the Computer Time of Day.

## **[Mark Space Bar] Key**

Individual edits.events may be marked using the [Mark] key or Space Bar, the Mark Number auto increments and extra information may be added before converting to an EDL

## **[Conform] Key**

The Conform key is user to modify the Record (Time of Day) timecode, You can specify the Start Timecode and all other timecode's will update to keep in sync

## **[Make EDL] Key**

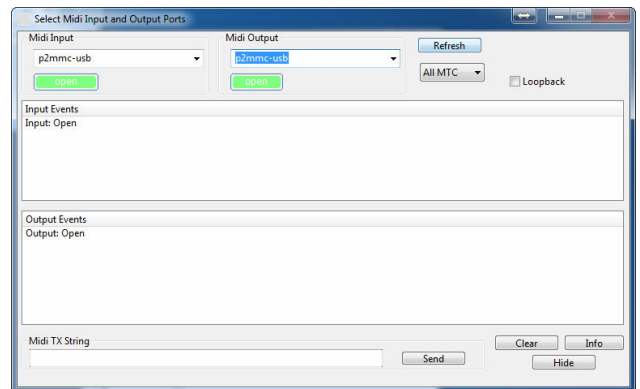
Converts the Captured Data to an EDL

## USB Setup page

The first time you connect the interface to any computer you may have to select the Midi input device. If [Midi Not Open] is displayed in white on a Red Background Click on it and the Midi Input and Output Ports page will be displayed.

Select and Open the P2MMC-USB as both the input and Output.

On OSX, Windows 7 and later the P2MMC-USB name will be displayed. On earlier operating systems it may be labelled as Generic 'Midi Audio device'



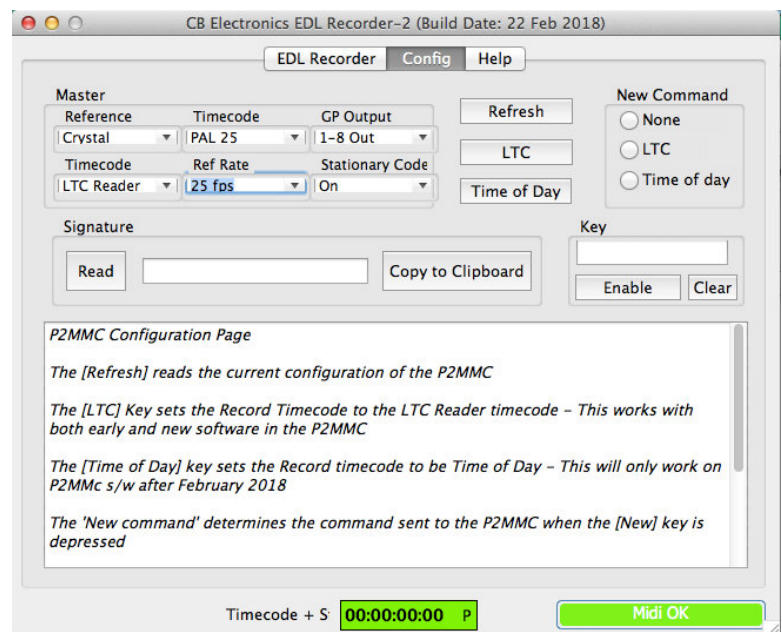
## P2MMC Configuration Page

The Config page allows you to view and change the P2MMC setup.

The [Refresh] key reads the current configuration of the P2MMC

The [LTC] Key sets the Record Timecode to the LTC Reader timecode - This works with both original and new software in the P2MMC

The [Time of Day] key sets the Record Timecode as Time of Day - This will only work on P2MMC s/w after February 2018



The 'New command' determines the command sent to the P2MMC when the [New] key is depressed

## Signature and Key

If your P2MMC is not enabled for EDL Capture you will need to purchase a key as follows

- 1) Read the signature
- 2) Send the signature to CB Electronics
- 3) We will email a Key that you can enter
- 4) Click on [Enable] to enable the software.

## Captured Data

The incoming GPIO changes are saved in the Captured Data List with both the Reader and Time of Day timecode, once captured they may also be saved/loaded in this format.

## **EDL Formats**

The Captured Data list is converted into a EDL list when the [Make EDL] key is depressed. The Captured Data list may be conformed and edited by deleting unwanted cues and adding comments before converting to an EDL. The Camera table allows you to name the camera reel and select the edit type for each GPO.

## **Other Formats**

The default EDL format is CMX, if you use a different format please send us a sample and we will write a suitable driver and include it in the Menu.

## **Suggestions**

If you have any ideas to improve our products, or new applications please make them to [support@colinbroad.com](mailto:support@colinbroad.com). For example it could be useful to link GPIO input 8 so that a foot switch can be used to add a mark, let us know!

## **Connection Diagram**

Note1: No connection is required to RS422

Note2: GPO Outputs are not used.

Note3: GPI Inputs are Active Low and should be connected 0v to activate

P2MMC-USB GPIO Connections		
Pin	Pin	Function
1		GPI-Input 1
	14	GPO-Output 1 (GPI-Input 9)
2		GPI-Input 2
	15	GPO-Output 2 (GPI-Input 10)
3		GPI-Input 3
	16	GPO-Output 3 (GPI-Input 11)
4		GPI-Input 4
	17	GPO-Output 4 (GPI-Input 12)
5		GPI-Input 5
	18	GPO-Output 5 (GPI-Input 13)
6		GPI-Input 6
	19	GPO-Output 6 (GPI-Input 14)
7		GPI-Input 7
	20	GPO-Output 7 (GPI-Input 15)
8		GPI-Input 8
	21	GPO-Output 8 (GPI-Input 16)
9		
	22	
10		
	23	+5v
11		0v
	24	+5v
12		0v
	25	+5v
13		0v

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