



MMC

MIDI MACHINE CONTROL

APP for iOS iPhone & iPad

compatible with CoreMIDI wireless and hardware MIDI interfaces

USER MANUAL





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QUICK START

iPad



iPhone



TRANSPORT



FAST RWD

Runs the Machine in rewind (backwards), accelerating

FAST FWD

Runs the Machine position forward , accelerating

STOP

Stops the Machine, if not already stopped

PLAY

Puts the Machine into play

RECORD

- Puts Machine into RECORD, normally whilst holding the PLAY button
- Puts Machine into RECORD, if option selected for single RECORD button
- If the SAFE switch is on, the machine will NOT go into RECORD

In RECORD the TimeCode display (and all TRACK arming displays) will turn RED



MOVE (DRAG / SHUTTLE / JOG)

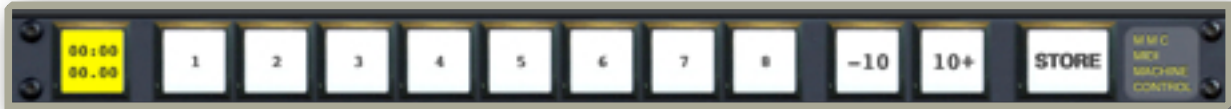
- Currently dragging the TimeCode display (below) will move the controller / device position accordingly
- This does not cause SCRUBBING at this moment in time, this will be an OPTION in a future update. This will be device dependent.

The **LCD** gives additional feedback & warnings about transport actions.

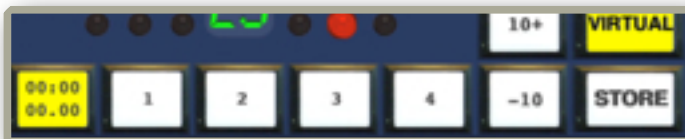


LOCATE / CUE

iPad



iPhone



When Locating (Cueing) the FAST FWD or FAST RWD Button will flash in the direction of the new TimeCode position.

00:00

Locates (Cues) the Machine to TimeCode position **00:00:00.00**

1 .. 8 (iPad) 1 .. 4 (iPhone)

Locates to TimeCode position previously stored in button.

JUMP (-10 & +10)

Locates to the current TimeCode position **+** or **-** the number of seconds stored in button. Can be set to different values in the **MMC** options.

STORE

While held down the current TimeCode position can be stored in the Locate buttons by pressing the required Locate button.

TRACK RECORD ARMING

(Only currently available on the **iPad**, feedback on the functionality for the iPhone would be appreciated)



SAFE

When ON prevents any TRACK being armed from the **MMC** APP and prevents **MMC** APP sending the RECORD command.

The **LCD** display gives warnings of this when the user tries

ALL

If any TRACK is currently armed, this switch will DISARM all TRACKS. Over wise it will ARM or DISARM all TRACKS.

01 .. 48

ARM or DISARM a single TRACK.

- 17** Track SAFE - NOT ARMED
- 17** Track ARMED
- 17** Track RECORDING

Only single switch TRACK arming is allowed i.e. you cannot swiping multiple TRACKS (this is intentional).



NORMAL - CONTROLLER

In CONTROLLER mode **MMC** acts as a **Multi Track Tape Machine Remote**

This allows for Transport control, Track Arming, Locating

Displays TimeCode messages (QUARTER FRAME and LONG FORMAT)



FRAME RATE

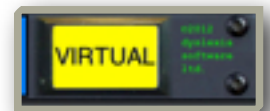
Press the FRAME RATE display to change from 24, 25, 30 and Drop-Frame. This is only allowed in VIRTUAL machine mode, your DAW or Multitrack will be the master of TimeCode frame rate when in normal mode and the FRAME RATE display will reflect this.

The FRAME RATE display changes to **RED** when in record.



VIRTUAL MACHINE

In VIRTUAL mode **MMC** attempts to simulate a MIDI Machine Controlled **Multi Track Tape Machine** this is called a device, as opposed to a controller.



MMC Responds to Transport control, Track Arming, Locating messages from a Controller, DAW Tape Machine etc. This mode is mostly for testing

Displays TimeCode messages (QUARTER FRAME and LONG FORMAT)

OPTIONS

ACCESS MENU (IPAD ONLY)



The OPTIONS menu is accessed via a POPOVER, by pressing the **MMC** button on the far right bottom of the iPad Screen

SINGLE PRESS RECORD BUTTON

Rather than the traditional TAPE MACHINE style this allows for the RECORD button to be used without the PLAY button also being pressed.

The **LCD** display gives warnings of this when the user tries to press record without the PLAY button when this mode is not set.

DEFAULT = OFF



CUE and PLAY

This sends a PLAY command after a CUE / LOCATE.

DEFAULT = OFF

DRAG MODE

Not currently available - DRAGGING the TimeCode causes CUE / LOCATES, this works well with Sequencers (e.g. Cubase).

NUDGE MODE

Not currently available.

+ - LOCATOR

This sets the number of seconds to JUMP back or forward using the JUMP Buttons.

DEFAULT = 10 seconds

DAW MODE

Not currently available.



HARDWARE / WIRELESS

Hardware interfaces

MMC works with CoreMIDI compatible MIDI interfaces

Various hardware interfaces have been tested, all CoreMidi compatible interfaces should work, here is the list of confirmed devices:

- LINE 6 [MIDI Mobilizer™ II](#)
- YAMAHA [i-MX1](#)
- IK [iRig](#)

Wireless network

When the WiFi button is enabled the **MMC** will listen to any MIDI that is sent to the Network.



You access the Network settings through OS X "Audio MIDI Setup" which should be in the Applications / Utility folder.

This link takes you to a youtube instructional video

<http://www.youtube.com/watch?v=aKUQsDIHPc4>



SPECIFICATIONS

- Apple **iOS 5.1** compatible APP
 - iPhone
 - iPad
 - iTouch
- **CoreMIDI** compliant
- MIDI TIMECODE:
 - **NORMAL:** RECEIVES (Rx) QUARTER FRAME and LONG FORMAT
 - **VIRTUAL:** TRANSMITS (Tx) QUARTER FRAME and LONG FORMAT
- MIDI MACHINE CONTROL Commands: NORMAL (Tx) VIRTUAL (Rx)
 - STOP
 - PLAY
 - DEFERRED PLAY
 - FAST FWD
 - FAST RWD
 - RECORD IN
 - RECORD EXIT
 - TRACK ARM



last page of **MMC** manual