

TT007

UPDATES

VERSION 3.1

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1 MIDI ON M1, M2, M3

New

- MIDI Masters now have a sub-menu to select **MMC** styles. The menu is accessed by double pressing the **M1..3** key. **MMC** is the standard MIDI MACHINE CONTROL variant, **MTC Only** uses **MTC** only to determine status for systems that do not respond to **MMC** information requests e.g. ProTools. Additionally in **MTC Only** the punch IN and punch OUT commands add continuous controllers (for ProTools). **(added v3.0F)**
- Redirect of Track arming is now available to MIDI slave machines. The menu to control this function is in **UTILITY** and allows Track Redirection to M1..3 and S1..3. **(added v3.0F)**
- Redirect of Record punch IN and punch OUT to MIDI slave machines. **(added v3.0F)**
- The MIDI Port assignment - [Slave] does not produce **MTC** anymore but now allows for a MIDI device to be attached and slaved via timecode (internally to the device) and to be Track armed as above. **(changed v3.0F)**

Bugs

- System exclusive error in Long Format **MTC** **(fixed v3.0L)**
- System exclusive conflict when **MTC** was being produced, this did cause very occasional missed messages **(fixed v3.0F)**
- **MMC** Track Rx decoding was only handling 6 bytes - instead of 8, this stopped correct track arming of 48 Track machines. **(fixed v2.1K)**
- DA78HR (v1.03...) Has an error in it's **MTC** output when it is communicated to, making the DA78HR unsupported in pre-v3.0F **TT007**. **(seems to be a TASCAM bug)**
- DA98 generator dropouts from record commands. **(seems to be a TASCAM bug)**

Wish List

- ADAT BRC control. Requiring a new driver to deal with the ADAT use of **MTC** formatted in the USER BIT fields.
- ProTools specific control. v4 does not have RECORD via **MMC** and does not send back tallies via **MMC**. **(added v3.0F)**

Notes

The change of the MIDI **Slave** characteristics will cause some user a problem if they are using MIDI **Slave** as a way of sending **MTC** to a Sequencer. All that is required to get the same result is to set the port as a MIDI **Controller**. Fortunately no **MTC** is produced as MIDI **Slave** so there should be no confusion as to when the problem will occur.

Generally MIDI should be more useful and solid in more configurations.

2 P2(9PIN) ON S1, S2, S3

New

- Reverse Play detection. **(added v2.3A)**
- Machine unavailable shown on TT007 LCD . **(added v3.0A)**
- A re-lock menu has been added `SYNC Menu` `ReLOCK [On]` in default state all slaves will be "re-locked" if they go out of lock if "re-lock" is off then the slaves are left alone. **(added v3.0S)**
- A Code only master is now available `code only` using wind commands to locate for machines with no timecode reader. **(added v3.0A)**
- A Code in Play master `TC in Play`, is also available for non Video resolved machines. **(added v3.0A)**
- Better lock times for slaves. **(changed v2.2E and 3.0S)**
- Slave machine locking type names have been changed to reflect the algorithm changes, the list is now: `1Ss(Slow-Shuttle)` `2Ms(Medium-Shuttle)` `3HD(HD-Shuttle)` `4Fv(Fast-Varispeed)` `5DA(DA88-Varispeed)` `6Qv(Quick-Varispeed)`. **(changed v3.0K)** . Improved locking algorithms **(changed v3.0S)**
- Default device ID is now the PCM 3324S. **(changed v3.0F)**

Bugs

- Unused commands in some machines (NAK) caused handling problems with STANDBY & PLAY. **(fixed v2.2H)**
- 48 TRACK arming error in tracks 41-48. **(fixed v2.3M)**
- As a Controller the TT007 did not set the Drop Frame flag correctly in timecode requests, this could have caused some problems with Fairlight Controllers in the USA . **(fixed v3.0K)**

Wish List

- D2 implementation.
- There may be some confusion when going from a 9 pin **Slave** to a **Master** as the Machine type is not cleared this could lead to strange behaviour if the Master Type is not selected.
- Video Track record.
- Wider range of confirmed controlled machines.

Notes

The **v3.0K** Beta version has not been tested with a large number of machines but the variation in the Slave types has been increased to provide better slaving of more Devices. A complete list will need to be compiled but the **v2.1J** algorithms can be replicated in the 3.x software, if required.

3 LYNX ON S1

New

- Video resolve stays enabled when no Lynx master is available this allows for a 9 pin master to be used via the various 9 pin modes described. **(added in v3.0S)**
- Lynx net without a Lynx master i.e. using a P2 (9pin) master as the master - this would be a Video system only due to Lynx interface limitations in the TT007. **(added v3.0F)**
- Video resolve enabled on the Lynx modules without the TT007 being in resolved mode. **(menu added v2.3G)**

Bugs

- Occasional RS422 errors reported from the Lynx 1 units.

Wish List

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Notes

The **v3.0S** Beta version has been tested with Studer and Otari 2" machines as slaves.

The **v3.0K** Beta version has not been tested with many machines.

4 ESBUS ON S1

New

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Bugs

- The Studer D827 misses some commands - there is no ACK, when an ACK diagnostic is added the incidence of errors is reduced - this maybe due to the delay between messages - a non- ACK timeout exists but may not be being used in the Studer version - this should be checked out. The communications should be ACK controlled - is it ?? NOTE: within "EB_Despatch" calling "EB_Tx_STUDER" there is no ..RS_msg_dir test to allow for the ACK - this could cause the missing commands if the Studer is written in a strict HALF-DUPLEX discipline. Therefore this should be easily fixed by adding the same line as the TL Depatcher waiting for the dir flag!!!! **(This code has been added but has yet to be tested on a Studer v2.1K)**

Wish List

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Notes

The **v3.0K** Beta version has not been tested with many machines.

5 ADAMS SMITH ON S1

New

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Bugs

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Wish List

- Multiple ZETA3 implementation.
- Timecode module not required.

Notes

The **v3.0K** Beta version has not been tested with many machines.

6 GENERATOR TG

New

- The GENERATOR Menu is now accessed by double pressing the TG key and has been removed from the UTILITY Menu. **(changed v2.5M)**

Bugs

- Did not respond to looped timecode correctly - treats the timecode as an edit. **(fixed v2.3D [UTILITY] [GENERATOR] [Delay = OFF] To disable the TIMECODE GENERATOR resync go to [UTILITY] [GENERATOR] [Delay = 1+])**
- Varispeed play command lookup table error was causing play speed to be too slow. **(fixed v2.3A)**
- If a Drop Frame offset was added to the generator the real time calculations failed at the drop boundaries. **(fixed v2.30)**

Wish List

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Notes

The move of the Generator's Menu is bound to cause a few telephone calls.

7 READER TR

New

- Automatic enable of `FromMaster` when P2 - code only mode is selected. **(added v3.0A)**
- Should be able to handle bursts of play speed timecode from DAW better to interrupt these, not as play but as position only. **(added v3.0C)**

Bugs

- Reverse Play detection. **(fixed v2.3D)**

Wish List

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Notes

8 VIDEO VI

New

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Bugs

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Wish List

- Automatic enable Resolve when P2 Master (resolved) mode is selected. **(added v3.0A)**

Notes

The Automatic resolve enable can be over written by deselecting it in the Video menu, if this is then saved the preset will not override the selection when it is recalled. This may be of use to someone.

9 PRESETS

New

- The Track arming ReDirect port is now stored and recalled in presets. **(added v3.0F)**

Bugs

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Wish List

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Notes

10 OTHER

New

- **TT007** LCD front panel remote control via MIDI system exclusive. **(re-enabled permanently v2.3A)**
- Code download via MIDI system exclusive. **(added v3.0E)**
- LCD and Preset messages are suppressed from the **TT007** in PLAY due to timing errors that would occur in the MTC if these large message blocks were transmitted at the same time. **(added v3.0K)**

Bugs

- The timecode status characters appear in the Frame field. **(only v3.0K)**

Wish List

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Notes