

MMA Technical Standards Board/ AMEI MIDI Committee

Letter of Agreement for Recommend Practice

GM2 MIDI Tuning Amendment

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Abstract:

This Recommended Practice (RP) amends the GM2 Specification (RP-024) to make the 'Scale Octave Tuning Real Time' message recommended.

Background:

Scale Octave Tuning Real Time serves for the transmission of real time tuning messages that contain tuning parameters which have been calculated in real time by a program. These parameters correct the fifth and third intervals according to the music playing.

'Non Real Time' tuning messages cannot properly support this real time calculated tuning data.

Manufacturers of sequencers and software synthesizers are implementing this feature to control virtual synthesizers and samplers. In addition these sequencers shall also export the tuning data by Scale Octave Tuning Real Time. But only instruments supporting this data format will be able to import these tuning messages.

Proposal:

1. Amend the GM2 specification by adding the following text to Section 4.7 (Scale/ Octave Tuning adjust), immediately under "[*recommended*]":

“It is recommended that devices also support the Real-Time one byte form of the Scale/Octave Tuning Message.”

2. Modify the Rhythm Channel recommendation to "these messages" (plural).

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