

Changes to the MicroWave Firmware-Version 1.25

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1. The tuning tables can now be edited while the MicroWave is playing. The change is immediately audibly noticeable.
2. You can listen to Detune and Transpose functions in Multi by keeping the key pressed during setting.
3. In order to run the Waldorf WaveSlave the Firmware 1.25 is required.

Errata to the Firmware of the Waldorf MicroWave

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1. In the operating manual the Dump-Requests for Velocity- and Tuning-Tables in their respective 'storage'-chapters are incomplete. The byte for the selection of the desired tables is missing in each case. The correct nomenclature is as follows (all in Hex):

TT ID: 00: Internal Tuning-Table 1
TT ID: 01: Internal Tuning-Table 2
TT ID: 02: Card Tuning-Table 3
TT ID: 03: Card Tuning-Table 4

Please note that with this request, the Checksum is identical with the TT ID.


Velocity Table Dump:

F0, 3E, 00, device ID, 07, VT ID, Checksum, F7

VT ID: 00: Internal Velocity-Table 1
VT ID: 01: Internal Velocity-Table 2
VT ID: 02: Card Velocity-Table 3
VT ID: 03: Card Velocity-Table 4

Please note that with this request, the Checksum is identical with the VT ID.



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2. In certain situations, the exclusive use of ALL-Dumps can lead to problems, usually with units or software programmes, where the MIDI Buffer is too small or they are not used to the full MIDI Baud Rate. In such cases, the full storage content of the MicroWave can be corrupted, which can result in a total loss of the data while back-sending this data to the MicroWave. We would here like to advise that the All-Dump is not designed for saving sound data. That is what the All Sounds and All-Multi-Dumps are for. Their size does not usually give rise to problems for other receivers. In addition, they require much less storage space on your mass-storage medium.
 3. Incoming Realtime-Sys-Ex Parameters (for external editing of individual sound parameters) will not principally be indicated in the display. So, if you change for example the cut-off frequency via Sys-Ex while this parameter is in the display, the display will show no changes although the ear will confirm the respective parameter-influence. This is not an error, but a deliberate implementation for the purpose of quicker response to Sys-Ex commands.
 4. If you have set the MIDI-Base channel (Global Mode, MIDI-Parameter) to Omni, and then change into Multi-Mode, only those instruments will sound whose MIDI-Channel is set on '1'. This is for technical reasons, since the use of Omni- und Multi- Mode at the same time will lock-out each other.
 5. Sounds which were created with a Firmware Version less than 1.10 can sound slightly different on units with a Firmware Version from 1.10 upwards. Through technical necessity, some parameters had to be scaled slightly differently.
 6. In the software-Version 1.10, the All Notes Off Command was designed to perform independent of the set MIDI Channel. Therefore all voices were switched off in both Poly- and Multi- Mode. This problem was resolved from Version 1.20.
 7. When you are running the MicroWave in Link-Mode with further Micro-Waves or WaveSlaves, you should use Firmware 1.25 or higher. If using only one MicroWave, Version 1.20 is sufficient.
 8. When using Link-Mode, it can happen that the hmt-tuning of the slave-unit calculates tuning-corrections different from the master-unit.

