

Omnia VOLT FM version 1.2(18) Software Update Release Notes

April, 2018

Our latest release for VOLT FM brings forth both sonic and GUI improvements along with some minor bug fixes. Some important new presets are included, significantly, ones that turn your Volt into a perfect transmission limiter. All FM users will want to install this version as soon as possible.

Omnia VOLT FM v1.2 (18) change log

- New presets added:
 - **CGSmooth_2018** – An updated version of the Volt CGSmooth preset. Cornelius Gould had some time to play on the Omnia.Volt, and found some interesting settings he wanted to share.
 - **CGSmoothWm** – A version of “CGSmooth_2018 but with a “warmer” audio tone.
 - **Talk_Pub_Insert** – Developed especially for public radio spoken word programming. It works great on its own, but also is tweaked to achieve better watermarking performance using insertion point architecture (with or without Voltair) for encoding.
 - **ClipOnly** – A special preset for radio network applications allowing the Volt to be used as a “back end” (transmitter side) clipper.
 - **NoMBAGCs** – A special preset for radio network applications where a “split chassis” style processing structure is needed. Also useful for radio formats where extra coloration by multiband AGCs is not required or desired.
- Bug fixed in safety clipper.
- New Bypass control added to the GUI under Input section (formerly available only on front panel).
- Processing Bypass indication now prominently displayed on GUI whenever Bypass is active.
- BS-412 calibration improved.
- Ports 4545 and 4546 enable removed from GUI config screen.
- Composite clipper control range reduced by 2dB.
- VOLT icon is now displayed in Pathfinder for Livewire networks
- Rescaled MBAGC Texture Control (some legal values were inaccessible to the user).

Please note: we have had reports of users attempting to load Omnia One presets into the VOLT. This is not supported by Omnia and is guaranteed to have unpredictable results! While both systems have an .opr file extension for presets and the user is not blocked from importing them, Omnia One and Omnia VOLT have radically different DSP structures and therefore, preset structures. While some may think this works because audio still passes, you will not get a One sound on a VOLT by attempting this! We’ve worked hard to offer killer factory presets in the VOLT. For best results, start with our proven presets, and QuickTweak away!



Software Update Procedure

Refer to update instructions at this link:

<https://www.telosalliance.com/images/Omnia%20Products/Omnia%20Volt/Volt%20Software%20Update%20Procedure.pdf> for a step by step procedure for updating firmware on your Omnia VOLT. Note that this will involve removing the unit from the air for several minutes so be sure to have a backup processor ready or perform the update at a time when the station can be off air.