

# Omnia.9 Audio Processor Software Package v3.15.36 – Update Instructions & Release Notes

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4 May 2016, Cleveland, Ohio USA

## Update Instructions

The **Software Update** menu (Home / System / System Config / Software Update) displays the current version of the Omnia.9 processing software and the GUI software.

The update .pak file downloaded from the Telos Alliance/Omnia website must be used as-is and can be copied to the root of an external USB drive to update the unit locally or can be used by the NfRemote software to update the unit remotely.

### **Important!**

**Please note that updating the software WILL take the Omnia.9 off the air so be sure to switch to your backup processor before beginning the update!**

1. To start the update, navigate to Home / System / System Config / Software Update. Tap the **Update from USB** button from the front panel or click the **Upload Software** button in NfRemote. This will prompt the Omnia.9 to search the USB drive for the appropriate software and immediately upload it to the unit.

If you're updating via NfRemote, open a select file dialog box, where you'll need to locate the downloaded update file on your computer. Then click "Open," which will upload it to the unit.

2. Once the update file is properly loaded, the button text will change to "Upload Successful" and there should be a message below it stating the version loaded followed by "updater ready." Begin the update by tapping or clicking the **Update Software to <uploaded version>** button.
3. A confirmation dialog will be displayed asking you if you are sure you want to proceed. **Again! Please note that updating the software WILL take the Omnia.9 off the air so be sure to switch to your backup processor before beginning the update!** Tap or Click **Yes** if you are sure you are ready to begin the update.

4. Wait for the update to complete and do not remove power from the unit or it may become bricked, requiring a trip in for service. Note that the unit may reboot more than once during some updates.
5. When the update is complete, you can log in to the unit (default password is “1234”) and return it to service.

Continue reading below to learn about all the new features in the new version.

## Release Notes

- **Basic/intermediate adjustment levels** – A big GUI improvement allows most common processing adjustments to be accomplished with a handful of controls.
- **Preset Tags** – Provides categorization of presets and includes a description/author attribution.
- **Solar Plexus** – Includes not only Fank Foti’s algorithm (as offered on Omnia.11) but our own Leif Claesson’s take on it as well, which includes an adaptive feature that only implements Solar Plexus when the music demands it. It also offers the ability to set the input cut-off frequency so that things like low voice and piano don’t trigger Solar Plexus.
- **New Presets** – Some of which make use of Solar Plexus and the new multiband compressors.
- **Multiband Compressors** – More crayons in the creative toolbox for the multiband section.
- **Input L/R Balance** – Allows fixed manual left/right offset at input for sources that are not properly channel-balanced coming into the processor.
- **Speech Detection Improvements** – “Stereo Is Not Speech” feature ensures music with spoken lyrics (such as rap) are not mistaken for true speech.
- **RDS Enhancements** – RDS generator now works more closely with Auto Pilot values to change music/speech and mono/stereo values in RDS data signal; RDS level separately adjustable for mono/stereo when Auto Pilot is enabled.
- **Improved FM Clipper** – “HF Priority” control added for significantly cleaner highs when pushed for loudness.
- **HTTP Preset Upload/Download** – Now possible to upload/download presets via HTTP server.
- **Task Scripts Added** – “Build your own GPI” and trigger any settings changes that you can manually adjust with a GPI instead.
- **Pre-final Insert Point for AM** – It’s now possible to use insert point for ratings encoder/Voltair with AM.
- **FM “HD Output” Path Created** – Share all processing between FM and HD right up to the final clipper/limiter, which allows a single ratings encoder to be used for both FM and HD-1; new Output Delay controls added for per-output adjustment in this mode.

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