



HDMC+ Software 2.0.1

General Remarks:

HDMC+ Software Version 2.0.1 is a Software update suitable for the Nautel HD MultiCast+ Importer/Exporter.

This release is considered **CRITICAL** for those who require any of the new features, improvements and/or bug fixes listed below and are running NAE112B, NAE112B/01 or NAE112B/02 HD MultiCast+ with HDMC+ Software 2.0.0. Nautel recommends you upgrade at your earliest convenience, **during your next scheduled site visit**.

Improvements / Enhancements:

- Resolved Windows Task Scheduler configuration causing Gen4 Software to be shut down every 3 days.

Known Issues:

- The Engine MAC address is not being saved correctly when used with a unidirectional STL. See Workaround (1).

Workarounds:

1. IS18003 – Using the HD MultiCast+ Importer/Exporter with a Unidirectional STL.

Installation Considerations:

To install HDMC+ Software Version 2.0.1 follow information found in IS23015, *HD Multicast+: Disabling the Task Scheduler From Shutting Down Gen4 Software*. HD transmission is not affected during the upgrade process.



HDMC+ Software 2.0.0

General Remarks:

HDMC+ Software Version 2.0.0 is a Software update suitable for the Nautel HD MultiCast+ Importer/Exporter.

This release is considered **CRITICAL** for those who require any of the new features, improvements and/or bug fixes listed below. Nautel recommends you upgrade at your earliest convenience, **during your next scheduled site visit**.

Please contact Nautel to request access to the required files for the update.

Software Upgrade procedures can be found in IS22004, *HD MultiCast+ Importer/Exporter: Upgrading Software from V1.1.0 (Xperi 5.1.0) or newer to V2.0.0 (Xperi 5.3.4)*. Please be sure to review and understand the complete set of instructions prior to beginning your upgrade.

New Features:

- Added Omnia for Nautel High-Density Audio Processing Software.
 - Refer to Section 16 of NHB-HDMC-IPR-XPR-SET-3.0, *HD MultiCast+ Importer/Exporter Technical Instruction Manual* for further details regarding Omnia for Nautel.
- Includes Standalone Audio Client for PC.
 - See IS22005 for system requirements and documentation.
- Includes TeamViewer QuickSupport V15.22.3.
- Added more MP11 configurations.

Improvements / Enhancements:

- Updated Xperi software from V5.2.2 to V5.3.4.2.
 - Various minor UI changes.
 - Various minor External UI changes.
 - Various minor functionality changes.

Known Issues:

- The Exgine MAC address is not being saved correctly when used with a unidirectional STL. See Workaround (1).

Workarounds:

2. IS18003 – Using the HD MultiCast+ Importer/Exporter with a Unidirectional STL.

Installation Considerations:

This software update will take approximately 30 minutes. HD transmission will be OFF AIR during the upgrade process.

HDMC+ Software 1.3.0

General Remarks:

HDMC+ Software Version 1.3.0 is a Software update for the Nautel HD MultiCast+ Importer/Exporter.

This release is **CRITICAL** for those who wish to use MP11 for their HD transmission or require any of the features/fixes listed below. Your transmitter's HD-capable exciter has a minimum software requirement to operate in MP11 mode. Review the Software Details screen to confirm the HD-capable exciter version is 1.8.0 or later. Nautel recommends you upgrade at your earliest convenience, **during your next scheduled site visit**.

This release is **UNNECESSARY** for those who do not need MP11 for their HD transmission or require any of the features/fixes listed below.

Please contact Nautel to request access to the required files for the update.

Software Upgrade procedures can be found in IS21001, *HD MultiCast+ Importer/Exporter: Upgrading Software from V1.2.0 to V1.3.0*. Please be sure to review and understand the complete set of instructions prior to beginning your upgrade.

New Features:

- New configurations for MP11.

Improvements / Enhancements:

- Updated Xperi software from 5.1.4 to 5.2.2.
 - Various minor UI changes.
 - Various minor External UI changes.
 - Various minor functionality changes.

Bug Fixes:

- MSAC client autostart is now working correctly.

Known Issues:

- The Engine MAC address is not being saved correctly when used with a unidirectional STL. See workaround (1).

Workarounds:

1. IS18003 – Using the HD MultiCast+ Importer/Exporter with a Unidirectional STL.

Installation Considerations:

This software update will take approximately 30 minutes. HD transmission will be OFF AIR during the upgrade process.



HDMC+ Software 1.2.0

General Remarks:

HDMC+ Series Software Version 1.2.0 is a Software update for the Nautel HD MultiCast+ Importer/Exporter.

This release is **CRITICAL** for those who wish to use their HD MultiCast+ Importer/Exporter for AM operation or are installing Orban Optimod 1101 audio cards to process secondary channels. Nautel recommends you upgrade at your earliest convenience, **during your next scheduled site visit**.

This release is **UNNECESSARY** for those who **do not** wish to use their HD MultiCast+ Importer/Exporter for AM operation or **are not** planning to install Orban Optimod 1101 audio cards to process secondary channels.

Please contact Nautel to request access to the required files for the update.

Software Upgrade procedures can be found in IS19005, *HD MultiCast+ Importer/Exporter: Upgrading Software from V1.1 to V1.2*. Please be sure to review and understand the complete set of instructions prior to beginning your upgrade.

New Features:

- Added support for Orban Optimod 1101 audio cards for use with secondary channels.
- Added support for AM operation.

Improvements / Enhancements:

- Updated Xperi software from 5.1.0 to 5.1.4.
 - Various minor UI changes.
 - Various minor External UI changes.
 - Various minor functionality changes.

Known Issues:

- The Exgine MAC address is not being saved correctly when used with a unidirectional STL. See workaround (1).

Workarounds:

1. IS18003 – Using the HD Multicast+ Importer/Exporter with a Unidirectional STL.

Installation Considerations:

This software update will take approximately 30 minutes. HD transmission will be OFF AIR during the upgrade process.



Nautel HDMC+ Software Release Notes

HDMC+ Software 1.1.0

General Remarks:

HDMC+ Series Software Version 1.1.0 is a Software update suitable for all Nautel HDMC+ Series transmitters. Updating is mandatory for any customers using the BTC system but is typically not required for others unless the new feature described below is needed.

Please contact Nautel to request access to the required files for the update.

Software Upgrade procedures can be found in IS 18002, *HD MultiCast+ Importer/Exporter: Upgrading Software from V1.0 to V1.1*. Please be sure to review and understand the complete set of instructions prior to beginning your upgrade.

New Features:

- This release includes integrated MSAC clients which can be used to transmit station logos in the absence of an automation system.

Bug Fixes:

- This release fixes a problem which prevented the use of the Broadcaster Traffic Consortium system.

Installation Considerations:

This software update will take approximately 30 minutes. HD transmission will be OFF AIR during the upgrade process.