

AMX5000/AMX5010/AMX5020 Switches
Firmware Revision 3.4.0.7
Release Notes
June 13, 2005

This document outlines:

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2. Important Installation Notes
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AMX5000, AMX5010 and AMX5020 switches Firmware Version and Compatibility

Version 3.4.0.7 of AMX5000, AMX5010 and AMX5020 switches is intended to be used with the following AMX™ switching system revisions:

- | | |
|----------------------------------|-------------------|
| - AMWorks® software | revision 5.2.0.4 |
| - AMX51xx user station | revision 4.0.0.15 |
| - AMIQ-SRL module | revision 1.0.1.0 |
| - AMIQ (all other types) modules | revision 4.2.0.1 |

Version 3.4.0.7 of AMX5000, AMX5010 and AMX5020 switches is compatible with the following:

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|----------------------|------------------------|
| AMWorks software | From revision 5.0.0.5 |
| AMX5100 user station | From revision 1.1.3.42 |
| AMX5110 user station | From revision 1.2.2.22 |
| AMX5120 user station | From revision 1.2.2.22 |
| AMX5130 user station | From revision 4.0.0.15 |
| AMIQ-PS2 module | From revision 2.0.0.2 |
| AMIQ-VSN module | From revision 3.0.0.1 |
| AMIQ-WSN module | From revision 3.0.0.1 |
| AMIQ-USB module | From revision 3.0.0.1 |
| AMIQ-SRL module | From revision 1.0.0.0 |
| AMIQDM-PS2 module | From revision 4.2.0.1 |
| AMIQDM-VSN module | From revision 4.2.0.1 |
| AMIQDM-USB module | From revision 4.2.0.1 |

Version 3.4.0.7 of AMX5000, AMX5010 and AMX5020 is intended to be released into an AMX switch system with the following AMX system-component revisions:

- | | |
|----------------------|------------------------|
| AMWorks software | From revision 5.2.0.4 |
| AMX5100 user station | From revision 4.0.0.15 |
| AMX5110 user station | From revision 4.0.0.15 |
| AMX5120 user station | From revision 4.0.0.15 |
| AMX5120 user station | From revision 4.0.0.15 |
| AMIQ-PS2 module | From revision 4.2.0.1 |
| AMIQ-VSN module | From revision 4.2.0.1 |
| AMIQ-WSN module | From revision 4.2.0.1 |
| AMIQ-USB module | From revision 4.2.0.1 |

AMIQ-SRL module	From revision 1.0.1.0
AMIQDM-PS2 module	From revision 4.2.0.1
AMIQDM-VSN module	From revision 4.2.0.1
AMIQDM-USB module	From revision 4.2.0.1

Important Installation Notes

Please update AMWorks software to revision 5.2.0.4 before you carry out any other AMX switch system updates. Revisions of AMWorks software before 5.1.0.7 will not operate correctly with the AMX5020 switch.

If your AMX50xx is below revision 2.2.0.35 or is at C.0.0.12 you must update to 2.2.0.35 first. Then update to the latest revision.

How to update the firmware for AMX5000, AMX5010 and AMX5020 switches

1. Install AMWorks software as described in the AMWorks software release notes.
2. From your newly installed AMWorks software, Select 'Admin Tools - Firmware Update' from the menu.
3. Select all of the AMX5000, AMX5010 or AMX5020 switches on your configuration.
4. From the "firmware update" dialog, select the update file for the AMX50xx switches.
This file will be named "amx50xx.avt". Ensure you select the revision 3.4.0.7.
5. Select "begin update", and all firmware updates will complete. You may update all of your AMX50xx switches in parallel, for fastest results. It will take about 5 minutes for the firmware updates to complete.

Enhancements

This release of firmware/software contains the following enhancements:

1. Support for the new device types: AMX5020, AMX5130, AMIQDM.
2. Support for the system wide multimedia-settings features: bi-directional serial and audio (speaker output and microphone input).

Fixes

This release of firmware/software contains the following fixes:

1. Updating AMX51xx user stations sometimes failed due to a timeout on the switch. This would sometimes result in the user-stations being in Bootloader Mode, or sometimes would result in the user stations simply not being updated.
2. Serial console menu is no longer slow to access; also, it will not display the error "Unspecified C Exception".
3. Serial console menu login will no longer appear to 'lose' the login password.
4. An error condition that resulted in the system going into a "system busy" state has been resolved.

Known Issues

This release of firmware/software contains the following known issues:

1. When operating on a and busy network, AMWorks software may encounter difficult transferring firmware update files to the AMX switch. This is because the AMX system may timeout and abort the operation if the file-transfer is process is lengthy.

If this is the case there are a number of approaches that will help to resolve the problem:

- 1.1. Do the updates when the network is less.
- 1.2. Update the AMX50xx switches individually (not in parallel).
- 1.3. Increase the network capacity of your network-switch.
- 1.4. Put the AMX system onto a dedicated network hub.