## LIVEMIX FIRMWARE INSTRUCTIONS

Firmware updates add features and ensure compatibility with all parts of the Livemix system. Checking the firmware version of your Livemix system is detailed in the "Livemix Version Info" section. Please visit http://www.digitalaudio.com/support to verify if your Livemix system has the most current version, as listed on the Livemix Version Info screen on all CS-SOLOs and CS-DUOs.

*The latest Livemix firmware update (Version 4.0) makes Livemix compatible with the Dante Domain Manager and ensures continued compatibility with Livemix system components.*

*When updating to Version 4 setting up Dante subscriptions will be done entirely with the free Dante Controller (https://www.audinate.com/products/software/dante-controller) from Audinate.*

*Please note, after this update, the CS-DUO or CS-SOLO will no longer be used to subscribe to Dante channels.*

### PREPARING A USB FLASH DRIVE
To update the CS-SOLO or CS-DUO, you will need a USB flash drive that has been FAT formatted. Other file systems such as exFAT, NTFS, APFS, HFS+, EXT, etc. will not work.

## CS-SOLO/CS-DUO UPDATE INSTRUCTIONS

TO UPDATE THE FIRMWARE OF THE CS-SOLO/CS-DUO:

1. Download the latest firmware from our Support page: http://www.digitalaudio.com/support.

2. Unzip the firmware zip file and copy the LMUPDATE folder to the root directory of a USB flash drive. Please make sure the LMUPDATE folder is not in another folder.

3. Insert the FAT formatted USB flash drive into the USB port on the personal mixer. The firmware update process will start automatically.

4. Press YES to begin or NO to cancel. Once the firmware update has started, do not turn off the power to the unit as it may cause damage.

5. When prompted, remove the USB flash drive.

6. The CS-SOLO/CS-DUO will now update. When the update is complete, the unit will reboot.

Perform this update on each CS-SOLO and CS-DUO in the system for maximum compatibility and consistency.

**NOTE:**
When updating a full system, the MIX-16/MIX-32 should be updated first.

Some updates take a while to complete. If updating the MIX-16/MIX-32 from the CS-SOLO or CS-DUO, it works best to have only one personal mixer connected.

## CS-SOLO/CS-DUO FIRMWARE UPDATE TROUBLESHOOTING

If the firmware update process doesn't start after following the steps above, you can enter firmware update mode by doing the following:

- Unplug the network cable to turn the CS-SOLO off.

- Insert the USB drive with the firmware, downloaded per the instructions in steps 1 and 2 above.

- CS-SOLO: PRESS and HOLD the Intercom button on the CS-SOLO. Continue to HOLD the Intercom button and reconnect the network cable to power the CS-SOLO on.

  CS-DUO: PRESS and HOLD the A and B buttons on the CS-SOLO. Continue to HOLD the buttona and reconnect the network cable to power the CS-DUO on.

- Follow firmware update instructions on the screen.

USER GUIDES AVAILABLE
WWW.DIGITALAUDIO.COM

## MIX-16/MIX-32 FIRMWARE UPDATE INSTRUCTIONS

The MIX-16/MIX-32 can be updated with a CS-SOLO/CS-DUO or a PC application.

You can update with a CS-SOLO or CS-DUO if:

- The MIX-16/MIX-32 serial number is greater than 12-02-01030
- The MIX-16/MIX-32 firmware is 1.01 or above
- The CS-SOLO/CS-DUO firmware is 1.31 or above

If your MIX-16/MIX-32 does not meet the criteria above, update with the Windows PC application. In most cases, this will bring your MIX-16/MIX-32 up to date and subsequent updates can be performed with the CS-SOLO/CS-DUO. For reference, both methods are listed below.

*Please Note: The latest Livemix firmware update (Version 4.0) makes Livemix compatible with the Dante Domain Manager and ensures continued compatibility with Livemix system components.*

*When updating to Version 4 setting up Dante subscriptions will be done entirely with the free Dante Controller (https://www.audinate.com/products/software/dante-controller) from Audinate.*

*After this update, the CS-DUO or CS-SOLO will no longer be used to subscribe to Dante channels. Please use Dante Controller.*

### UPDATE FIRMWARE OF MIX-16/MIX-32 WITH THE PC APPLICATION:

1. Download the MIX-16/MIX-32 Update Application from http://www.digitalaudio.com/support.

2. Connect the USB port on the MIX-16/MIX-32 to a Windows computer.

3. Wait for MIX-16/MIX-32 drivers to fully install.

4. Run MIX-16/MIX-32 Update Application.This process may take a few minutes. Once the updater has started, a progress bar will appear. Do not turn off the power until the update is complete or you may damage the unit.

5. PRESS Finish.

6. Disconnect the MIX-16/MIX-32 from the PC and verify the update was successful by checking the firmware version with the CS-SOLO/CS-DUO.

**NOTE:**
If updating with the CS-SOLO or CS-DUO does not work, please use the PC Application.

Some updates take a while to complete. If updating the MIX-16/MIX-32 from the CS-SOLO/CS-DUO, it works best to have only one personal mixer connected.

# MIX-16/MIX-32 v4.0 FIRMWARE UPDATE

**NOTE ON USB UPDATING OF THE MIX-16/32**

MIX-16 REV P and MIX-32 REV P (units with serial numbers greater than 12-XX-0700) can only be updated with the PC application. USB update of the MIX-16/32 is not available for units manufactured with serial numbers greater than those listed above.

**UPDATE MIX-16/MIX-32 FIRMWARE WITH A CS-SOLO OR CS-DUO:**

1. Download the latest firmware: http://www.digitalaudio.com/support.

2. Unzip the firmware zip file and copy the LMUPDATE folder to the root directory of a FAT formated USB flash drive (a FAT formated USB flash drive is required. Other file systems such as exFAT, NTFS, APFS, HFS+, EXT, etc. will not work.) Please verify the LMUPDATE folder is not in another folder.

3. Go to Livemix Version Info by pressing Mix Tools, Global Configuration and then Livemix Version Info.

4. PRESS Update MIX-16/MIX-32 Firmware.

5. PRESS Yes to update, or No to cancel.

6. Insert USB flash drive containing the update, when prompted. PRESS Continue or Exit to cancel. Once the update has begun, do not turn off the power to the MIX-16/MIX-32 or you may damage the unit.

## DANTE CARD UPDATE

*Please Note: The latest Livemix firmware update makes Livemix compatible with the Dante Domain Manager and ensures continued compatibility with Livemix system components.*

*When updating to Version 4 setting up Dante subscriptions will be done entirely with the free Dante Controller (https://www.audinate.com/products/software/dante-controller) from Audinate.*



*After this update, the CS-DUO or CS-SOLO will no longer be used to subscribe to Dante channels. Please use Dante Controller.*

*After this update, all Dante firmware updates will be performed with the Dante Updater that is built in to the Dante Controller.*

To determine if you need to update your Dante card, go to the Livemix Version Info screen by pressing Mix Tools, then Global Configuration, then Livemix Version Info. If the Dante Version is lower than the version available at http://www.digitalaudio.com/support, follow the instructions below to update the firmware.

TO UPDATE THE FIRMWARE OF THE DANTE OPTION CARD (LM-DANTE-EXP):

1. If you are updating from an Apple computer running Apple Silicon (and M1 or M2 chip set), please see the Dante Firmware Update Supplement page here. If you are updating with a Windows PC or Intel based Apple computer, proceed to step 2.

2. Visit https://my.audinate.com/latest-firmware-update-manager to download the latest Dante Firmware Update Manager. Audinate no longer supports current Mac operating systems with this tool. For best results, please update with a Windows PC. After updating the Dante Firmware, the Dante Controller will be used for future updates. *Note: We have found running Windows on a Mac under emulation such as Parallels will not successfully update.*

**NOTE:**
If your Livemix system is already updated to Version 4, you will not see the Dante version in the Livemix Version Info screen. In this case, you can find your version number in Dante Controller.

In Dante Controller, select the Device Info tab. Select your MIX-16/32 and then select the Status screen. All the product versions are displayed here.

| DANTE OPTION CARD | DNT FILE REQUIRED |
|---|---|
| LM-DANTE-EXP | mix1632_22.6.14.160_EXP.dnt |
| LM-DANTE-EXP2 (Rev A/B) | mix1632_22.6.14.160_EXP2_RevAB.dnt |
| LM-DANTE-EXP2 (Rev C/D) | mix1632_22.6.14.160_EXP2_RevC.dnt |

3. Download the correct update Dante Update file from http://www.digitalaudio.com/support. Dante uses a file with a ".dnt" extension. Ensure you have the correct .dnt for your Dante card. Your version will be printed on a sticker on the back of the Livemix Dante Option Card. If your LM-DANTE-EXP2 has no sticker, it will most likely be the Rev A/B.

4. Connect your computer to the MIX-16/32 with an Ethernet cable or connect to the same switch that the MIX-16/32 is connected to.

5. Install the Dante Firmware Update Manager.

6. Run the Dante Firmware Update Manager. Press "Browse" to locate the update file previously downloaded. DO NOT check the "Override Device Matching" box.

7. The Firmware Update Manager will search for Dante devices on the network. When the list appears, select the check box for your MIX-16/32 and click the "Start" button. The update will take a few minutes. If no device is found, you may have the wrong DNT file. Please recheck your Livemix LM-DANTE-EXP version or reach out to us for support at support@digitalaudio.com.

8. When the update is finished, turn off the power to your MIX-16/32 and restart it.

## DANTE CARD FIRMWARE UPDATE TROUBLESHOOTING

If no devices are found in step 6:

- Make sure the MIX-16/32 is plugged in and turned on
- Make sure your computer is connected to the same network as the MIX-16/32
- Make sure there are no firewall settings blocking a connection to the MIX-16/32
- Make sure you have the proper DNT file.

If you need further support, please contact us at support@digitalaudio.com.

## DA-816 FIRMWARE UPDATE INSTRUCTIONS

The DA-816 can be updated with a PC application.

1. Download the DA-816 Update Application from http://www.digitalaudio.com/support.

2. Connect the USB port on the DA-816 to a Windows computer.

3. Wait for DA-816 drivers to fully install.

4. Run DA-816 Update Application. A second set of drivers will be installed at the start of this process and may take a few minutes. Once the updater has started, a progress bar will appear. Do not turn off the power until the update is complete or you may damage the unit.

5. PRESS Finish.

6. Disconnect the DA-816 from the PC.

7. Power cycle the DA-816 and the MIX-16/MIX-32.

8. Verify the update was successful by checking the firmware version with a CS-SOLO/CS-DUO.

## **DANTE UPDATE FOR APPLE SILICON**

To update the Dante Firmware using an Apple computer with Apple Silicon (M1 or M2 chipsets), use the Dante Controller.

1. Launch the Dante Controller.

2. Launch Dante Updater using COMMAND-U or go to View on the top menu and select Dante Updater.

3. Select Advanced Settings with the right side three bar menu. Ensure the Allow Imported Firmware box is selected and the other two options are NOT selected.

4. From the top right menu area, press LIBRARY. Scroll down and select the IMPORTED FILES drop down. PRESS IMPORT from the bottom right.

5. Load the "mix1632_22.6.14.160_EXP2_XXXX.dnt" file from the LM-DANTE-EXP Firmware Update Zip file. You should see it populate the Imported Files section.

6. From the top menu, press HOME.

7. Ensure the Livemix MIX-16 or MIX-32 is powered on and connected to the Dante Network.

8. Use the IMPORTED FIRMWARE FILES dropdown in the main window to see the firmware file imported earlier.

9. Press the arrow to the left of MIX-16 or MIX-32 and press UPGRADE in the bottom right to start the update.

10. Select the checkbox and press UPDATE NOW to start the update.

11. When update is complete, reboot the device by selecting the checkbox next to REBOOT REQUIRED and then press REBOOT SELECTED DEVICES.

12. Firmware Update is complete.