

RELEASE NOTES



Product	Version	Release Date
MPA1-MIX-NET-V-1	4.0D	22/04/2024
Merging ZMAN firmware	V1.6.1	15/01/2024

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Overview

MPA1-MIX-NET release 4.0D supports the MPA1-MIX-NET-V-1 and MPA1-MIX-NET-V-R.

MPA1-MIX-NET release 4.0D is not applicable for any other MPA1 model.

New Features and Enhancements

- N/A

Bug Fixes

- Fixed issue with low level audio ticking on AoIP inputs when receiving audio tones e.g. 1kHz.

Known Limitations

- The MPA1-MIX-NET-V-1 MADi input is supplied via the optional SFP module – using a copper or optical connection. The source selection parameter in the Configuration tab needs to be set to 'optical' even if the SFP used is receiving signal over a copper connection.
- The MADi source selection parameter must be toggled after a factory reset to enable the 'optical' input.
- The MPA1-MIX-NET Control port connection should be connected to a managed network with IGMP snooping enabled. If unfiltered multicast traffic is sent to the Control port this may slow down webpage operation, or cause the webpage to become unresponsive.
- When using MADi and AoIP inputs simultaneously both must be locked to the same reference source to ensure they are synchronized.

Upgrade Procedure

MPA1 Software updates can be downloaded from the following location:

<https://www.tslproducts.com/product-support/audio-products-support/>

1. Download the MPA1 update file from the TSL Products website using the above link.
2. Unzip the contents into the root of a FAT32 formatted USB memory stick.
3. Place the USB memory stick into the front panel of the MPA1.
4. Hold down Select/Menu on the MPA1 for approximately 3 seconds to reveal the Setting Menu.
5. Navigate to the 'USB Load/Save' using the Select/Menu controller and Press to Select.
6. Navigate to 'Update Firmware' using the Select/Menu controller and then Press to Select.
7. You will see the message 'Interpreting Update Image' on the front panel, followed by a progress bar.
8. Once the update is completed you will see the message ****** FILE UPDATE COMPLETE****, Please remove USB stick to restart**.
9. Remove USB memory stick from the front panel of the unit.
10. Unit will now Reboot.

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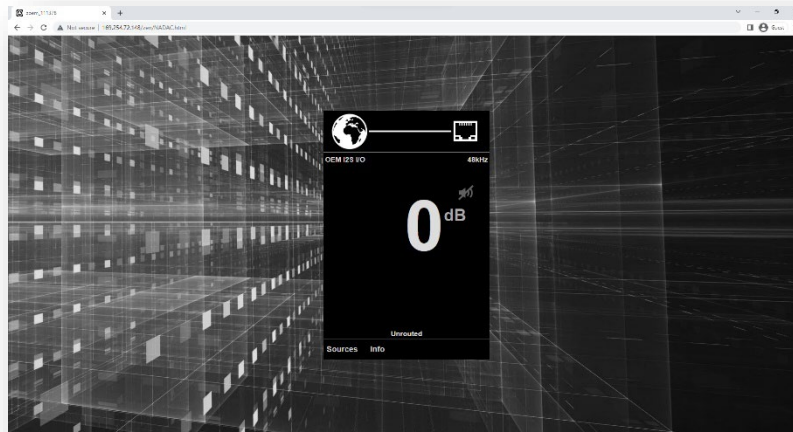
ZMAN Upgrade Procedure

Merging ZMAN firmware is updated separately to the MPA1-MIX-NET firmware. ZMAN firmware for use with the MPA1-MIX-NET is available on request from TSL Customer Support (<https://www.tslproducts.com/product-support/>). The specific version of ZMAN firmware is not necessarily tied to the MPA1-MIX-NET firmware version.

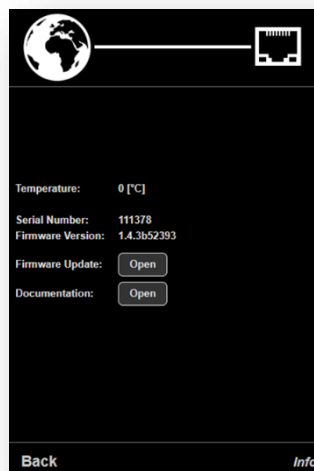
The following steps need to be performed on a computer with IP connectivity to the MPA1-MIX-NET AoIP port.

1. Download the ZMAN firmware update file received from TSL Products. This file will have the extension '.MPA1-MIX-NET'.
2. Open a web browser and enter the IP address of the ZMAN card to be updated in the address bar.
N.B. If the IP address of the ZMAN card is unknown, Merging ANEMAN software can be used to auto-discover the units. Refer to the MPA1 User Guide for further information.

The following page will be displayed:



3. Select 'Info'. The ZMAN serial number and current firmware version will be displayed:



4. Select 'Open' next to Firmware Update and browse to the downloaded firmware location.
5. Once the firmware is selected press the 'Update' button. Progress is displayed on the webpage, the update will take a few minutes.

DO NOT TURN OFF THE MPA1 DURING THE UPDATE PROCEDURE.

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6. Once complete, reboot the ZMAN using the onscreen prompt:



Technical Support

For technical support please contact:

<https://www.tslproducts.com/product-support/>