MERGING+ANUBIS

MERGING+ANUBIS
Release Notes

www.merging.com/anubis

MERGING ✛ ANUBIS

MERGING+ANUBIS FIRMWARE

Latest certified Firmware and Maintenance modes are distributed by Merging in the Anubis download section. https://www.merging.com/anubis/download

Verify your Anubis Firmware version and Maintenance mode version by going to the Anubis under Settings>Info. You should see the Firmware version number such as v1.0.9b39588 and the Maintenance mode version. Merging releases new firmware frequently for Anubis.

Refer to the Anubis User Manual Firmware Update section in order to proceed with a Firmware update, or consults our online documentation.
MERGING+ANUBIS Firmware Update Procedure
Note: There are two types updates possible. Either the Anubis Firmware update (frequent releases) or the Maintenance Mode update (un-frequent releases but mandatory for some firmware).
Anubis Support Download Section (for Drivers, Apps and Firmwares links)
https://www.merging.com/anubis/download

ANUBIS FIRMWARE UPDATES HISTORY

Fixed in Firmware version 1.2.6.49236– Release Date: 12.10.2021
Important: Requires ANEMAN 1.2.2 and Above.

- Improvement. Music Mission SoundID recall added to the Bus Routing Snapshot entry
- Fixed. Monitoring Mission issue with 2.2 setup
- Fixed. Monitoring Mission SoundID Reference button removed if no profiles were imported
- Fixed. Monitoring Mission Multichannel top speakers controls hidden by SoundID button
- Fixed. Monitoring Mission Channel solo implementation and the Sub channel Solo
- Fixed. Monitoring Mission Subs channels trim
- Fixed. Monitoring Mission no sound when applying delay on Speaker set
- Fixed. Monitoring Mission issue with low level EQ when Speaker mode is changing
- Fixed. Music Mission Web Access Mix button blocked
- Fixed. Music Mission SoundID related EQ refresh issues when changing sampling rate
- Fixed. Music Mission Deleting a SoundID profiles removes it properly from TFT
- Fixed. Music Mission SoundID ordering in Routing issue.
- Fixed. Music Mission Snapshot Bus Routing recall now keeps SoundID profile status
- Fixed. Music Mission UI Remote Web Access UI fixes
- Fixed. Music Mission Snapshot reload can crash the remote access
- Fixed. Music Mission Dynamics Bus return to DAW muted

Fixed in Firmware version 1.2.5.49031– Release Date: 28.09.2021
Important: Requires ANEMAN 1.2.2 and Above.

- New. Sonarworks SoundID Reference supported, for Headphones or Room Correction
- Improvement. Anubis Rotary Performance a little slow at times it lags
- Improvement. Monitor Mission, Bass management UI layout changes and added options
- Improvement. Monitor Mission, EQ on channels and on patch points
- Improvement. Monitor Mission, EQ Link/Bypass function
- Improvement. Monitor Mission, filtering status icons
- Improvement. Music Mission, selective Snapshot recall

MERGING ✚ ANUBIS

- Improvement. Music Mission, updated Bus Routing Layout
- Improvement. Music Mission, Group collapsing in SetUp page
- Improvement. Web Access remote PreAmps faders scaling UI
- Improvement. New setting to display SOLO or MUTE on Anubis TFT
- Improvement. Anubis Fan translate regulation slopes
- Fixed. EQ on Reverb can cause infinite loop feedback on CUE'S
- Fixed. Anubis SPS two ports no long advertise Bonjour after connection/disconnection
- Fixed. Device issue advertising itself after RJ45 disconnect/connect
- Fixed. ASIO clock not updated when PTP domain has changed

Fixed in Firmware version 1.2.4.48118– Release Date: 02.06.2021
Important: Requires ANEMAN 1.2.2 and Above.

- Improvement. Remote control of Anubis reliability from drivers
- Improvement. Peering reliability
- Improvement. Peering. Display of MIDI Pre Channels start number for remote control
- Improvement. Last peer output will take over if the same output module was already peered
- Improvement. Music Mission. New Anubis settings for Live Mixing application
- Fixed. Peered modules can go offline and back online
- Fixed. Sink provides too big Unicast port number
- Fixed. Monitor Mission freeze when total monitors channels exceed 30.2
- Fixed. Talkback AD peakmeter is not accurate
- Fixed. Cue channelset should not be displayed in the Speaker panel.

Fixed in Firmware version 1.2.2.47903– Release Date: 08.06.2021
Important: Requires ANEMAN 1.2.2 and Above.

- Improvement. Peering and Unite reliability fixes
- Improvement. Anubis published name unique
- Improvement. Refresh rate of the metering adjustments for performance gain
- Improvement. Music Mission Dynamic module, only compressor ON at first
- Improvement. Music Mission Web Access now supporting EQ and Reverb remote control.
  Note: Dynamics remote control still under development.
- Fixed. Peering: Input's modules can appear duplicated in the Anubis Mixer
- Fixed. Music Mission Parallel Dynamics wrongly routed and leaking
- Fixed. Monitor Mission Bass Management issue
- Fixed. Monitor Mission DXD/DSD headphone monitor path broken
- Fixed. Monitor Mission hang if no speakerset and performing Mon to Cue from Web Access

Fixed in Firmware version 1.2.2.47673– Release Date: 20.05.2021
Important: Requires ANEMAN 1.2.2 and Above.

- NEW. Music Mission first official release firmware
- Improvement. Presets and Snapshots naming
  - *.mumi* extension files are Music Mission snapshots
  - *.momi* extension files are Monitor Mission presets
    Note: to load a previous Monitor mission preset remove the .momi filtering in the file extension dialog in order to load your previous .bin presets.
- Improvement. GPI Global mute action added for all Missions

www.merging.com/anubis

- Fixed. Bass Gateway setting does not check for empty entry
- Fixed. Anubis virtual MIDI ports fail to load, solves PreAmps remote and MIDI Din issues.
- Fixed. Wrong ST2022-7 streams' status (during a short period)
- Fixed. NMOS Fixed null value activation time when patching an IS-05 receiver

Fixed in Firmware version 1.1.14.46699 – Release Date: 25.02.2021
Important: Requires ANEMAN 1.2.2 and Above.

- Fixed. Bass Management EQ not always applied
- Fixed. Bass Management issue with routing
- Fixed. LFE Boost not always disabled / applied
- Fixed. Randomly the RAVENNA sources can become muted or generate a High Frequency noise, requiring a reboot to solve.
- Fixed. PreAmps Boost parameter if active on Combo 1 cuts the Built-in talkback input signal
- Fixed. Potential RAVENNA noise issue when mixing up streams of 8 channels and 2 channels

Fixed in Firmware version 1.1.12b45672 – Release Date: 19.11.2020
Important: Requires ANEMAN 1.2.2 and Above.

- New. GPIO "Momentary" mode which pulses the output each time an action is changed
- New. Support for 18 presets internally (used to be 5)
- New. New "Relax Check" option under the Advanced Pages for Sinks to accept source of less channels
- Fixed. At times the Anubis is no longer discovered by MTDiscovery or ANEMAN
- Fixed. Overtime Potential crash of the Anubis application due to a memory leak
- Fixed. Bass Management: LFE Boost now affects LFE channel only
- Fixed. GPIO and MIDI selection problem
- Fixed. Potential Anubis memory leak causing asserts
- Fixed. GPO not triggered by speakerset change when configured
- Fixed. Issue where EQ enabling was conflicting with Bass Management
- Fixed. High noise level measured not audible on Dual PreAmps input
- Fixed. Pasting EQ Curve deletes Bass Management Hi Pass Curve
- Fixed. Flat a Monitor EQ having Bass management can remove a frequency band
- Fixed. Mono downmix now will affect subs in case of x.2 speakerset format
- Fixed. Anubis SPS random discovery issue.
- Fixed. AoIP listener parameters are now restored (start/reboot) except the routing
- Change. The Anubis default Colling Mode is now MID fan mode.

Fixed in Firmware version 1.1.8b44345 – Release Date: 30.07.2020
Important: Requires ANEMAN 1.2.2 and Above.

- New. Anubis SPS, along with ST 2022-7 support
- New. NMOS (IS-04 and IS-05) Support .For more details on NMOS click [here](#)
- New. EQ for Monitors
- New. Anubis Settings available from Web Access

- New. Sources & Monitors ordering can now be changed from their respective settings page
- New. Maintenance mode now embedded into the firmware update. Users no longer need to perform potential Maintenance Mode Updates.
- New. Anubis Virtual Keyboard (rename Source, Monitors and Presets from Anubis TFT) Refer to the latest Anubis User Manual for more details
- New. Speaker Set Support: Such as 9.1 - 7.1.6 - 9.1.2 - 9.1.2 - 9.1.4 - 9.1.6. Stereo 2.2, Custom 5.2 and Custom 7.2.4
- New. 3 channels set type have been added for Sources and Stream Listeners:
  - 8 Center channels: CCCCCCCC
  - 4 Stereo channels: LRLRLRLR
  - 2 Center channels: CC (not available for stream listener that is fixed to 8 channels)
- New. SSM: use/provide source-filter SDP attribute
- New. Anubis missions hosting and changes to the home page
- Improvement. Advanced pages added upload/download configuration from advanced pages
- Improvement. Validate subnet mask provided by user
- Fixed. Anubis: Delete all connections will blank out the Anubis PreAmps page momentarily
- Fixed. Anubis Settings>Monitor Trim (main) positive values going above limitation
- Fixed. Speaker set changes with Bass management - LFE fade in/out is now cleaner
- Fixed. Anubis Split Channels can at times have their Gain stuck on a value
- Fixed. Anubis high CPU consumption if in Settings>Trigger you enable MIDI and both Talks to button and use Auto-Latch
- Fixed. Deleting Speaker Set could crash the Anubis Monitoring engine
- Fixed. PTP Master/Slave status not properly reported in TFT (Settings and Status bar)
- Fixed. When changing IP settings; UI shows old values in the web access
- Fixed. NMOS issue causing potential hang
- Fixed. Anubis mixer transparency issue.
- Fixed. Occasional one sample click on Combo 1 input
- Fixed. possibility to downgrade trunk firmware to previous one

Engineering change. Bass Management restricted to 12dB slope, refer to Manual for details

ANUBIS FIRMWARE UPDATES HISTORY

Fixed in Firmware version 1.0.20b43451 – Release Date: 03.06.2020
Warning: updating to the new firmware will require the user to re-enter the Output Channels Delay values if previously preset.

- Fixed. Anubis potential Crash/Freeze when doing a Mono mixdown of a monitor containing no C channel but LFE (e.g. 2.1)
- Fixed. Anubis potential Crash/Freeze if using Trigger Action having Dot (e.g. 5.1.4)
- Fixed. Deleting last Monitors could result in an Anubis crash
- Fixed. LFE inconsistencies. Loss of LFE signal when switching between Speaker Sets
- Fixed. Setting a GPI actions to On or Off always reverts to Toggle
- Fixed. Reboot to factory patching issues

Warning: Users needing to rollback from a 1.1.x firmware to a previous 1.0.x Firmware must first rollback to the Anubis Firmware 1.0.20b43451 and from there rollback to older 1.0.x Firmware's if needed.

MERGING ✚ ANUBIS

Fixed in Firmware version 1.0.19b42352 *(Based on Maintenance Mode 16)*
Warning: updating to the new firmware will require the user to re-enter the Output Channels Delay values if previously preset.

- Fixed. Anubis Source inaudible at times, until you update the volume value
- Fixed. Anubis DSD/DXD: unselected Source leak or muted source
- Fixed. Anubis: Preset icon color does not change when deleted
- Fixed. Anubis Potential small bust of Noise when changing Monitor set in DXD
- Fixed. Downmix does not behave correctly in some cases
- Fixed. Cue Monitor set can become muted when changing sampling rates
- Fixed. Web Access: SUM selection behavior required toggling
- Fixed. Web Access: SUM remote control issue.

Fixed in Firmware version 1.0.18b41960 *(Based on Maintenance Mode 16)*
Warning: updating to the new firmware will require the user to re-enter the Output Channels Delay values if previously preset.

- New. DSD Support (DSD64, DSD128 & DSD256). Refer to the Anubis User Manual for details and features. DSD Restrictions are available in the Anubis User Manual DSD section.
- New. Direct DAC volume control path
- New. Anubis PreAmps metering scale for DSD to support +6dB SA-CD
- New. Anubis PreAmps Web Access remote control support
- Improvement. Settings>General Combo-Box AD mode changes for DSD formats support.
- Improvement. PTP Master locking reliability and Slave time reduced
- Improvement. AD gain change steps free
- Improvement. Monitor channel Trim (-12dB to 0dB) now exclusive to each Monitor Set
- Fixed. Applied delays on HP/Cues Monitors outputs could glitch at sampling rates change
- Fixed. Web Access: Source renaming in the Web Access not updated in ANEMAN
- Fixed. Web Access: Wrong peak warning in Source page detected.'
- Fixed. Web Access: Downmix for cue not activated from Web to Anubis
- Fixed. Web Access: PTP status not updating on web access page
- Fixed. Web Access: Source Trim value could un-select on release
- Fixed. Web Access. SUM selection accuracy

Feature change:
Settings>Audio Outputs page no longer have per channel output Trim. This was replaced by and Attenuation feature for the output pairs. Trim / channel have to be done in the Monitor from now on.

Improvement. Web Access: Presets Support, User Manual embedded, Debug Report Generation

Fixed in Firmware version 1.0.13b41198 *(Based on Maintenance Mode 16)*
Warning: updating to the new firmware will require the user to re-enter the Output Channels Delay values if previously preset.

- New. GPIO support

MERGING✚ANUBIS

- Improvement. Web Access: Presets Support, User Manual embedded, Debug Report Generation with Source and Monitor renaming.
- Improvement. Talkback link to Speaker Set Dim option
- Improvement. Added option to Dim SpeakerSet when Talk is engaged
- Improvement. Anubis PTP Slave lock performance improved
- Improvement. Downmix color matching the Monitor set color
- Fixed. Random burst of noise issue
- Fixed. Web access: Cannot select source unless a Monitor is selected
- Fixed. Speaker Sets can be sharing the same connected speakers
- Fixed. Stream listener muted
- Fixed. Talk patch was not possible at times
- Fixed. Changing the Monitor speaker set type will deselect it
- Fixed. Monitoring: Polarity button status not kept when selecting another speaker set
- Fixed. Speaker set can become unselected if Web Access is open
- Fixed. Monitoring and Source configuration issue
  Note: No longer automatically enter the Source or Monitor configuration page after creation

Fixed in Firmware version 1.0.12b40720 *(Based on Maintenance Mode 16)*
Warning: updating to the new firmware will require the user to re-enter the Output Channels Delay values if previously preset.

- Improvements. MIDI IO status bar icons activation
- Improvements. MIDI – GPIO setting entry and GPI support.
- Improvements. Metering refresh rate higher
- Improvements. Shorter Fade (mute, speaker set, Dim,…)
- Improvements. Error log entry added to Home page
- Improvements. Error log report icon added to status bar
- Improvements. Trim range extended from -36dB to +12dB
- Improvements. Added option to empty a Preset
- Improvements. Added ASIO Clock settings (On/Off/Auto)
- Improvements: New Talkback modes in the Triggers Settings (No Latch, Latch, Auto-Latch)
- Improvements: Speaker Set click-less on selections
- Improvements: Output Channels Delay value parameter storing
- Fixed. Removed glitch when switching modes roll-off filters and at Anubis power up
- Fixed. Issue when applying Polarity on output channels
- Fixed. Erroneous handling of incoming streams from Aruba switches
- Fixed. Auto-Patch issue, now contiguous channels until end
- Fixed. Reboot to factory issue
- Fixed. Presets reloading not considering button assignation
- Fixed. Downmix selector now kept for each Speaker Set
- Fixed. Anubis Premium DXD overrun error
- Fixed. Mixing unicast and multicast may result in incorrect streams and performance issue
- Fixed. Unwanted audible transition when changing Monitors/Sources size and number
- Fixed. Issue with Dante AVIO AES67 devices when set as PTP Master

Fixed in Firmware version 1.0.9b40042 *(Based on Maintenance Mode 16)*

- New. DXD Support*

MERGING✛ANUBIS

- New. Default Ex-Factory configuration updated
- New. AD Split mode option under Settings>Inputs
- New. Web page skin
- New. Info page details enhanced
- New. Single and Auto-Patching feature
- Improvements. Zipper noise optimized (smoother)
- Improvements. Monitor type 1.1 support
- Improvements. General Monitoring Mission
- Fixed. Pro vs. Premium limitation issues
- Fixed. Multi-patch Outputs support
- Fixed. Page scrolling less sensitive to selections
- Fixed. Volume control was not affecting the Talker
- Fixed. DC offset remover integration time now constant vs sampling rate
- Fixed. Talkback control improvements
- Fixed. Peak Meters display for Outputs and reset
- Fixed. Overlay menu display issue when leaving settings

* When running in DXD, ANEMAN might display an ethernet Overrun error on the ANUBIS at initialization. Please clear this error.

Firmware version 1.0.9b39588 *(Based on Maintenance Mode 16)*

- First version available to end users

MERGING✚ANUBIS

ANUBIS TROUBLESHOOTING

Rollback Firmware

Users that need to roll back to a previous firmware version can do so. But Merging recommends not doing this operation since it is possible that the previous firmware might not be compatible with your current ASIO or VAD Driver, so you might have to roll back the driver as well.

Warning: Users needing to rollback from a 1.1.x firmware to a previous 1.0.x Firmware must first rollback to the Anubis Firmware 1.0.20b43451 and from there rollback to older 1.0.x Firmware's if needed.

Cannot access the Anubis maintenance mode from ANEMAN

Make sure that you are running ANEMAN v1.1.7 build 39688 and higher.

Warning: RAVENNA Easy Connect is not supporting Anubis

RAVENNA ASIO Driver error: Make sure you are running the version 12.0.1 and higher. If using Horus or Hapi those must be on firmware 3.9.4 and higher.

VAD macOS Driver error: Make sure you are running version 2.0.39648 and higher. If using Horus or Hapi those must be on firmware 3.9.4 and higher.

ANUBIS Not Starting up.: ANUBIS Ex-factory update reset

1. Open the Anubis Maintenance Page (Google Chrome highly recommended)
2. Download and update the file below as if it was a firmware update.
   Anubis factory Reset update:
   https://betadownload.merging.com/ExternalLinks/Anubis/FactoryReset/ResetConfigToFactory.Anubis
3. Once updated, reboot Anubis

If this procedure does not work ask support@merging.com for the Anubis rescue mode procedure.

Firewall and Antivirus:

Windows Firewall:
The Windows Firewall can block communication between Anubis and the Application. We recommend users to disable the Public Network Firewall

Procedure:

1. Go in Windows Control Panel > Windows Firewall.
2. Click on "Turn Windows Firewall on or off"
3. Go to the Public Network section and select "Turn Off Windows Firewall"

Disable Antivirus:
Merging also recommends users to disable their Antivirus, some Antivirus as Avast and Sophos have been known to block the Anubis discovery and network connections

www.merging.com/anubis

MERGING+ANUBIS

MERGING+ANUBIS ONLINE DATABASE

https://confluence.merging.com/display/PUBLICDOC/MERGING+ANUBIS

MERGING+ANUBIS FAQ

https://confluence.merging.com/pages/viewpage.action?pageId=43188250

MERGING+ANUBIS USE CASES

https://confluence.merging.com/pages/viewpage.action?pageId=60031175

www.merging.com/anubis