

TURTLE AV MINEOLA FOR SIMPL

Revision: 1.0

Date: 29 June 2026

MODULE DESCRIPTION

This integration solution provides control and status feedback for the Turtle AV Mineola Dante Bridge. This module is licenced per Turtle AV Mineola Bridge per processor.

MODULE SETUP

Enter the IP address of the Mineola Bridge in the IpAddress parameter.

MODULE DETAILS

Turtle AV Mineola

The module manages the TCP connection and provides full control and status feedback for the Mineola audio processor. One module is required per Mineola Bridge.

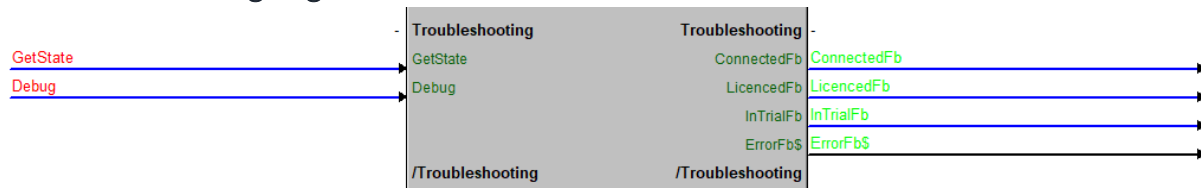
Turtle AV Mineola (Ultamation) v0.00	
IpAddress	1.1.1.1

Parameters

IpAddress – The IP address of the Turtle AV Mineola Bridge

OfflineKey – Optional offline licence key for processors without internet access. Leave blank when using cloud licencing

Troubleshooting Signals



Inputs

GetState – Rising edge requests all current state from the device

Debug – When high, debug messages are enabled for use with Ultamation support

Outputs

ConnectedFb – High when connected to the device

LicencedFb – High when the module is licenced, including in trial mode

InTrialFb – High when operating in trial mode

ErrorFb\$ – The most recent error message received from the device

Power Signals



The device is only responsive when the power is on, so there will only be control/feedback when the Power_Fb is high.

Inputs

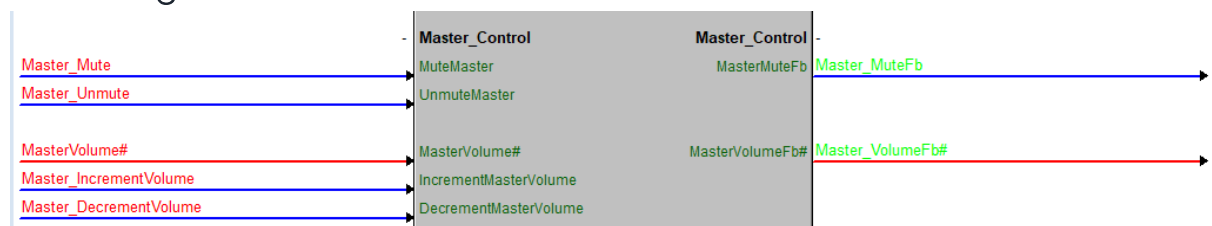
PowerOn – Turns the device on

PowerOff – Turns the device off

Outputs

PowerFb – High when the device is powered on

Master Signals



Inputs

MuteMaster – Mutes the master output

UnMuteMaster – Unmutes the master output

MasterVolume# – Changes the master volume, between 0 and 100.

IncrementMasterVolume – Increments the master volume by 1

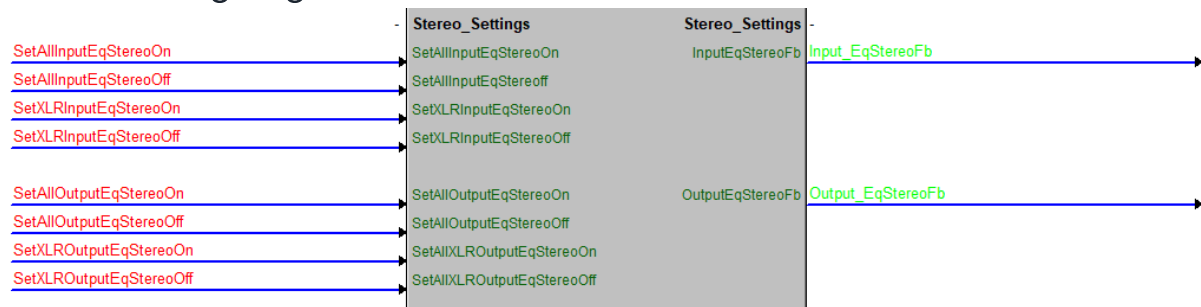
DecrementMasterVolume – Decrements the master volume by 1

Outputs

MasterMuteFb – High when the master output is muted

MasterVolumeFb# – Current master volume level

Stereo Settings Signals



Inputs

SetAllInputEqStereoOn – Enables stereo EQ across all inputs

SetAllInputEqStereoOff – Disables stereo EQ across all inputs

SetXLRInputEqStereoOn – Enables stereo EQ on XLR inputs

SetXLRInputEqStereoOff – Disables stereo EQ on XLR inputs

SetAllOutputEqStereoOn – Enables stereo EQ across all outputs

SetAllOutputEqStereoOff – Disables stereo EQ across all outputs

SetAllXLROutputEqStereoOn – Enables stereo EQ on XLR outputs

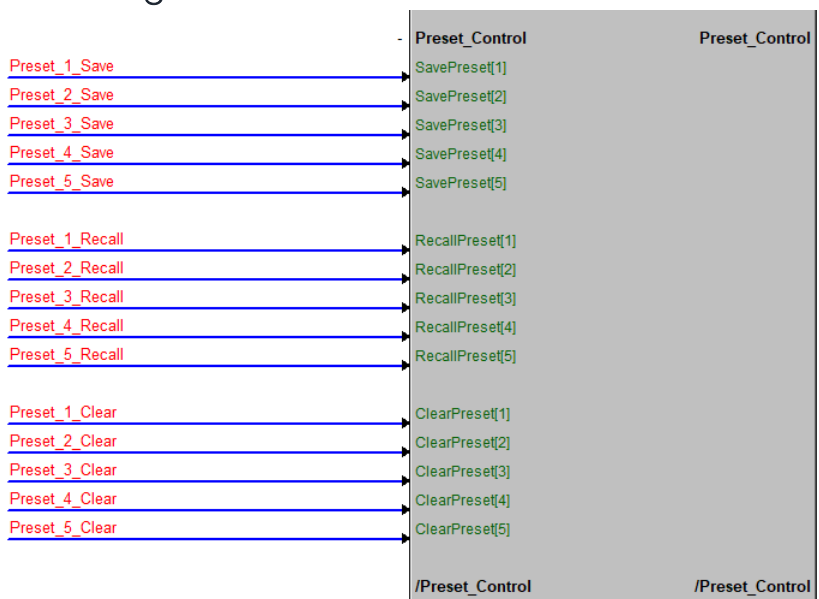
SetAllXLROutputEqStereoOff – Disables stereo EQ on XLR outputs

Outputs

InputEqStereoFb – High when input stereo EQ is enabled

OutputEqStereoFb – High when output stereo EQ is enabled

Preset Signals



After changing to a preset it is recommended to call **GetState** again to get the latest values. The switch of values is not instant so you may need to leave a second between getting values.

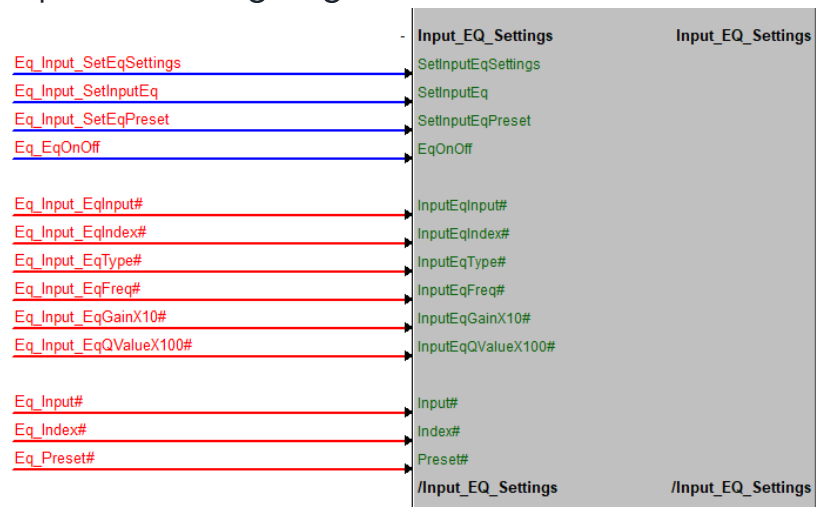
Inputs

SavePreset[1-5] – Saves the current device settings to the indexed preset

RecallPreset[1-5] – Recalls the indexed preset

ClearPreset[1-5] – Clears the indexed preset

Input EQ Settings Signals



Inputs

SetInputEqSettings – Sends detailed EQ parameters for the input selected by **InputEqInput#** using the **InputEqIndex#**, **InputEqType#**, **InputEqFreq#**, **InputEqGainX10#**, **InputEqQValueX100#**

SetInputEq – Enables or disables the EQ band selected by **Index#** on the input selected by **Input#**. State is determined by **EqOnOff**

SetInputEqPreset – Sets the EQ preset on the input selected by **Input#** to the value of **Preset#**

EqOnOff – State input used by **SetInputEq** and **SetOutputEq**. High enables the selected EQ band; low disables it

InputEqInput# – Input channel for detailed EQ parameter commands (**SetInputEqSettings**)

InputEqIndex# – EQ band index for detailed input EQ parameter commands

InputEqType# – EQ filter type for **SetInputEqSettings**. One of the following values

Value	Meaning
1	Parametric
2	Lowpass

3	Highpass
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InputEqFreq# – EQ filter frequency in Hz for **SetInputEqSettings**. Between 20 and 20000.

InputEqGainX10# – EQ gain value multiplied by 10 (e.g. 15 = 1.5 dB). The accepted values are between -150 and 150.

InputEqQValueX100# – EQ Q value multiplied by 100 (e.g. 70 = 0.70). The accepted values are between 2 and 1600 (0.02 to 16).

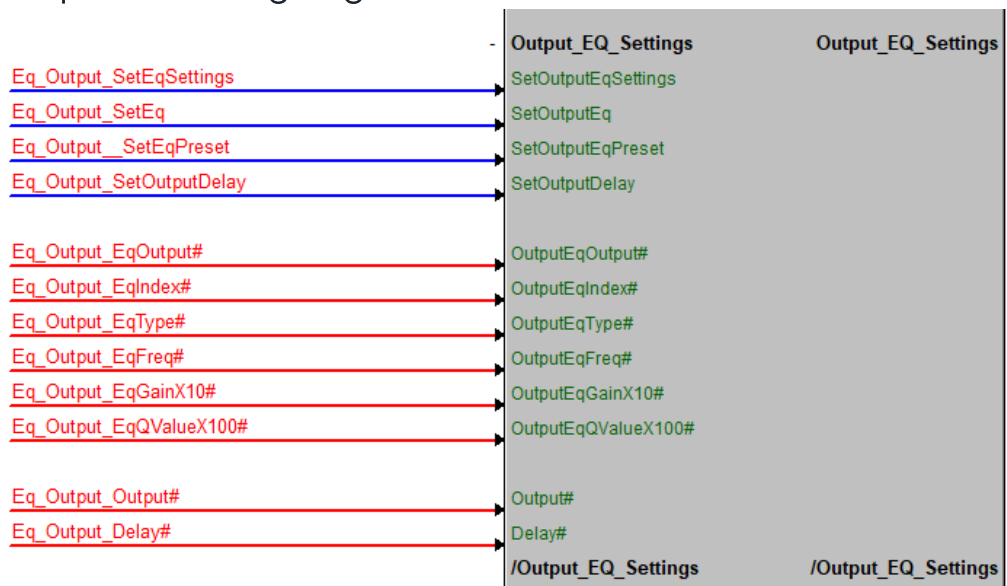
Input# – Target input channel for input-specific commands such as **SetInputEqPreset** and **SetInputEq**

Index# – EQ band index used by **SetInputEq** and **SetOutputEq**. Between 0 and 8, 0 sets all

Preset# – Preset number used by **SetInputEqPreset** and **SetOutputEqPreset**. Can be one of the following values:

Value	Meaning
1	Flat
2	Custom1
3	Custom2

Output EQ Settings Signals



This section shares the **Preset#**, **Index#** and **EqOnOff** signals with the Input EQ Settings Signals.

Inputs

SetOutputEqSettings – Sends detailed EQ parameters for the output selected by **OutputEqOutput#** using the **OutputEq** analog inputs

SetOutputEq – Enables or disables the EQ band selected by **Index#** on the output selected by **Output#**. State is determined by **EqOnOff**

SetOutputEqPreset – Sets the EQ preset on the output selected by **Output#** to the value of **Preset#**

SetOutputDelay – Sets the delay on the output selected by **Output#** to the value of **Delay#**

OutputEqOutput# – Output channel for detailed EQ parameter commands (**SetOutputEqSettings**)

OutputEqIndex# – EQ band index for detailed output EQ parameter commands

OutputEqType# – EQ filter type for detailed output EQ parameter commands

OutputEqFreq# – EQ filter frequency in Hz for **SetOutputEqPreset**. Between 20 and 20000.

OutputEqGainX10# – Output EQ gain value multiplied by 10. The accepted values are between -150 and 150.

OutputEqQValueX100# – Output EQ Q value multiplied by 100. The accepted values are between 2 and 1600 (0.02 to 16).

Output# – Target output channel for output-specific commands such as **SetOutputDelay**, **SetOutputEqPreset** and **SetOutputEq**

Delay# – Delay value in milliseconds, used by **SetOutputDelay**. Allowed values are 0 to 50.

Input [1-16] Signals



Inputs

PhantomPowerOn[1-16] – Enables phantom power on the indexed input

PhantomPowerOff[1-16] – Disables phantom power on the indexed input

MuteInput[1-16] – Mutes the indexed input

UnmuteInput[1-16] – Unmutes the indexed input

InputGainX10#[1-16] – Gain for the indexed input, multiplied by 10 (e.g. 60 = 6.0 dB); sends on every change

IncrementInputGain[1-16] – Increments the gain on the indexed input

DecrementInputGain[1-16] – Decrements the gain on the indexed input

ClearInputEq[1-16] – Clears all EQ settings on the indexed input

Outputs

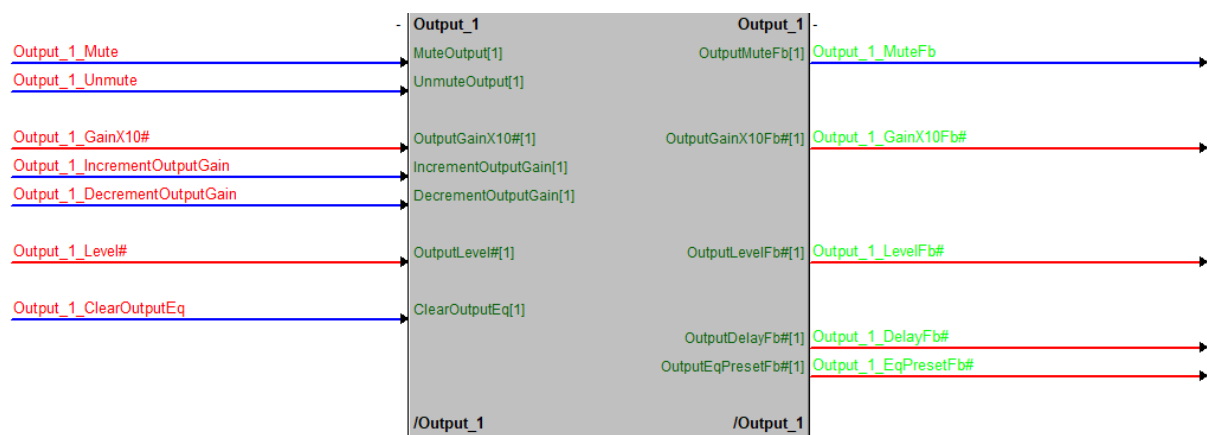
InputPhantomPowerFb[1-16] – High when phantom power is enabled on the indexed input

InputMuteFb[1-16] – High when the indexed input is muted

InputGainX10Fb#[1-16] – Current gain for the indexed input X10

InputEqPresetFb#[1-16] – Current EQ preset index for the indexed input

Output [1-16] Signals



Inputs

MuteOutput[1-16] – Mutes the indexed output

UnmuteOutput[1-16] – Unmutes the indexed output

OutputGainX10#[1-16] – Gain for the indexed output, multiplied by 10; sends on every change

IncrementOutputGain[1-16] – Increments the gain on the indexed output

DecrementOutputGain[1-16] – Decrements the gain on the indexed output

OutputLevel#[1-16] – Output level index for the indexed output; sends on every change

ClearOutputEq[1-16] – Clears all EQ settings on the indexed output

Outputs

OutputMuteFb[1-16] – High when the indexed output is muted

OutputGainX10Fb#[1-16] – Current gain for the indexed output X10

OutputLevelFb#[1-16] – Current level index for the indexed output

OutputDelayFb#[1-16] – Current delay in milliseconds for the indexed output

OutputEqPresetFb#[1-16] – Current EQ preset index for the indexed output

SUPPORT

If you have any issues with an integration solution please let us know by contacting Ultamation support on support@ultamation.com and please include as much detail about your issue as possible, such as a recent processor error log.

Licence verification messages are posted to the error log, so please ensure you have checked this.

LICENCING

This integration solution (including software, images and all other associated assets distributed as part of the purchased download package) is licenced on a PER PROCESSOR basis.

A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

This is an electronic product and there is no physical delivery.

The integration solution is provided without any warranty with respect to the reliability of the controlled device or changes to device protocol. We will endeavour, through best efforts, to maintain the integration solution's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this integration solution and this will be a separate, purchasable, product.

CLOUD LICENCE

This integration solution contacts Ultamation's licencing server at startup. If the server finds a matching licence for the integration solution and processor then the integration solution will be licenced. If you purchase a licence **after** you have loaded the integration solution, please reboot the system to see changes take effect.

If no licence exists for the product/processor the integration solution will enter a short trial period (ONE HOUR) to allow for verification of correct control or evaluation.