

AVN-M8R Ember+ Reference

Generated from AVN-M8R.xml on 2026-08-17 13:08:22 +01:00

254

Parameters

1

Functions

0

Matrices

41

Nodes

Parameters

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.1.1	root / identity / product	String [3]	Read [1]	AVN-M8R UTF8	
1.1.2	root / identity / company	String [3]	Read [1]	Sonifex Ltd. UTF8	
1.1.3	root / identity / serial	String [3]	Read [1]	UTF8	
1.1.4	root / identity / version	String [3]	Read [1]	D1.4.3054 UTF8	
1.3.1	root / network / friendly_name	String [3]	Read / Write [3]	AVN-M8R - James UTF8	
1.3.2	root / network / interface_mode	Integer [1]	Read / Write [3]	1 INTEGER	Range 1 to 2 Allowed values 0 1 = switched 2 = redundant
1.3.3.1	root / network / br0 / mode	Integer [1]	Read / Write [3]	2 INTEGER	Allowed values 0 = disabled 1 = static 2 = dynamic
1.3.3.2	root / network / br0 / ip_address	String [3]	Read / Write [3]	192.168.0.100 UTF8	
1.3.3.3	root / network / br0 / netmask	String [3]	Read / Write [3]	255.255.255.0 UTF8	
1.3.3.4	root / network / br0 / gateway	String [3]	Read / Write [3]	0.0.0.0 UTF8	
1.3.3.5	root / network / br0 / mac_address	String [3]	Read [1]	D0:A4:B1:00:48:2D UTF8	
1.4.1.1	root / inputs / input 1 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = Mic 1 = Line
1.4.1.2	root / inputs / input 1 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.1.3	root / inputs / input 1 / preamp gain	Integer [1]	Read / Write [3]	16 INTEGER	Range 16 to 76

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.1.4	root / inputs / input 1 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.1.5	root / inputs / input 1 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.1.6	root / inputs / input 1 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	
1.4.1.7	root / inputs / input 1 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.1.8	root / inputs / input 1 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.1.9	root / inputs / input 1 / mute	Boolean [4]	Read / Write [3]	True BOOLEAN	
1.4.2.1	root / inputs / input 2 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = Mic 1 = Line
1.4.2.2	root / inputs / input 2 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.3	root / inputs / input 2 / preamp gain	Integer [1]	Read / Write [3]	37 INTEGER	Range 16 to 76
1.4.2.4	root / inputs / input 2 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.2.5	root / inputs / input 2 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.6	root / inputs / input 2 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	
1.4.2.7	root / inputs / input 2 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.2.8	root / inputs / input 2 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.2.9	root / inputs / input 2 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.3.1	root / inputs / input 3 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = Mic 1 = Line

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.3.2	root / inputs / input 3 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.3.3	root / inputs / input 3 / preamp gain	Integer [1]	Read / Write [3]	34 INTEGER	Range 16 to 76
1.4.3.4	root / inputs / input 3 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.3.5	root / inputs / input 3 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.3.6	root / inputs / input 3 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	
1.4.3.7	root / inputs / input 3 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.3.8	root / inputs / input 3 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.3.9	root / inputs / input 3 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.4.1	root / inputs / input 4 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = Mic 1 = Line
1.4.4.2	root / inputs / input 4 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.4.3	root / inputs / input 4 / preamp gain	Integer [1]	Read / Write [3]	28 INTEGER	Range 16 to 76
1.4.4.4	root / inputs / input 4 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.4.5	root / inputs / input 4 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.4.6	root / inputs / input 4 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	
1.4.4.7	root / inputs / input 4 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.4.8	root / inputs / input 4 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.4.9	root / inputs / input 4 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.5.1	root / inputs / input 5 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = Mic 1 = Line
1.4.5.2	root / inputs / input 5 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.5.3	root / inputs / input 5 / preamp gain	Integer [1]	Read / Write [3]	61 INTEGER	Range 16 to 76
1.4.5.4	root / inputs / input 5 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.5.5	root / inputs / input 5 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.5.6	root / inputs / input 5 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	
1.4.5.7	root / inputs / input 5 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.5.8	root / inputs / input 5 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.5.9	root / inputs / input 5 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.6.1	root / inputs / input 6 / signal level	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = Mic 1 = Line
1.4.6.2	root / inputs / input 6 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.6.3	root / inputs / input 6 / preamp gain	Integer [1]	Read / Write [3]	37 INTEGER	Range 16 to 76
1.4.6.4	root / inputs / input 6 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.6.5	root / inputs / input 6 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.6.6	root / inputs / input 6 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.6.7	root / inputs / input 6 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.6.8	root / inputs / input 6 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.6.9	root / inputs / input 6 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.7.1	root / inputs / input 7 / signal level	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = Mic 1 = Line
1.4.7.2	root / inputs / input 7 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.7.3	root / inputs / input 7 / preamp gain	Integer [1]	Read / Write [3]	22 INTEGER	Range 16 to 76
1.4.7.4	root / inputs / input 7 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.7.5	root / inputs / input 7 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.7.6	root / inputs / input 7 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	
1.4.7.7	root / inputs / input 7 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.7.8	root / inputs / input 7 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.7.9	root / inputs / input 7 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.8.1	root / inputs / input 8 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = Mic 1 = Line
1.4.8.2	root / inputs / input 8 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.8.3	root / inputs / input 8 / preamp gain	Integer [1]	Read / Write [3]	16 INTEGER	Range 16 to 76
1.4.8.4	root / inputs / input 8 / lineup	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.8.5	root / inputs / input 8 / hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.8.6	root / inputs / input 8 / hpf frequency	Integer [1]	Read / Write [3]	125 INTEGER	
1.4.8.7	root / inputs / input 8 / signal presence timeout	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.8.8	root / inputs / input 8 / signal presence threshold (dB)	Integer [1]	Read / Write [3]	0 INTEGER	
1.4.8.9	root / inputs / input 8 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.1.1	root / gpio / physical / gpio 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.1.2	root / gpio / physical / gpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.1.3	root / gpio / physical / gpio 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.1.4	root / gpio / physical / gpio 1 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.1.5	root / gpio / physical / gpio 1 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.1.6	root / gpio / physical / gpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.2.1	root / gpio / physical / gpio 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.2.2	root / gpio / physical / gpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.2.3	root / gpio / physical / gpio 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.2.4	root / gpio / physical / gpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.2.5	root / gpio / physical / gpio 2 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.2.6	root / gpio / physical / gpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.3.1	root / gpio / physical / gpio 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
					2 = output
1.5.1.3.2	root / gpio / physical / gpio 3 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.3.3	root / gpio / physical / gpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.3.4	root / gpio / physical / gpio 3 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.3.5	root / gpio / physical / gpio 3 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.3.6	root / gpio / physical / gpio 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.4.1	root / gpio / physical / gpio 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.4.2	root / gpio / physical / gpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.4.3	root / gpio / physical / gpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.4.4	root / gpio / physical / gpio 4 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.4.5	root / gpio / physical / gpio 4 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.4.6	root / gpio / physical / gpio 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.5.1	root / gpio / physical / gpio 5 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.5.2	root / gpio / physical / gpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.5.3	root / gpio / physical / gpio 5 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.5.4	root / gpio / physical / gpio 5 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.5.5	root / gpio / physical / gpio 5 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.5.6	root / gpio / physical / gpio 5 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.6.1	root / gpio / physical / gpio 6 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
					2 = output
1.5.1.6.2	root / gpio / physical / gpio 6 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.6.3	root / gpio / physical / gpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.6.4	root / gpio / physical / gpio 6 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.6.5	root / gpio / physical / gpio 6 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.6.6	root / gpio / physical / gpio 6 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.7.1	root / gpio / physical / gpio 7 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.7.2	root / gpio / physical / gpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.7.3	root / gpio / physical / gpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.7.4	root / gpio / physical / gpio 7 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.7.5	root / gpio / physical / gpio 7 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.7.6	root / gpio / physical / gpio 7 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.8.1	root / gpio / physical / gpio 8 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.8.2	root / gpio / physical / gpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.8.3	root / gpio / physical / gpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.8.4	root / gpio / physical / gpio 8 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.8.5	root / gpio / physical / gpio 8 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.8.6	root / gpio / physical / gpio 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.9.1	root / gpio / physical / gpio 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
					2 = output
1.5.1.9.2	root / gpio / physical / gpio 9 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.9.3	root / gpio / physical / gpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.9.4	root / gpio / physical / gpio 9 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.9.5	root / gpio / physical / gpio 9 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.9.6	root / gpio / physical / gpio 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.10.1	root / gpio / physical / gpio 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.10.2	root / gpio / physical / gpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.10.3	root / gpio / physical / gpio 10 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.10.4	root / gpio / physical / gpio 10 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.10.5	root / gpio / physical / gpio 10 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.10.6	root / gpio / physical / gpio 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.11.1	root / gpio / physical / relay 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.11.2	root / gpio / physical / relay 1 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.11.3	root / gpio / physical / relay 1 / status	Boolean [4]	Read [1]	False BOOLEAN	
1.5.2.1.1	root / gpio / virtual / vgpio 1 / type	Integer [1]	Read / Write [3]	1 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.1.2	root / gpio / virtual / vgpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.1.3	root / gpio / virtual / vgpio 1 / output triggers	String [3]	Read / Write [3]	vGPI 1 UTF8	
1.5.2.1.4	root / gpio / virtual / vgpio 1 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.2.1.5	root / gpio / virtual / vgpio 1 / vgpio source	String [3]	Read / Write [3]	vGP01@AVN-CU1-0146422 UTF8	
1.5.2.1.6	root / gpio / virtual / vgpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.2.1	root / gpio / virtual / vgpio 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.2.2	root / gpio / virtual / vgpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.2.3	root / gpio / virtual / vgpio 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.2.4	root / gpio / virtual / vgpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.2.5	root / gpio / virtual / vgpio 2 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.2.6	root / gpio / virtual / vgpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.3.1	root / gpio / virtual / vgpio 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.3.2	root / gpio / virtual / vgpio 3 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.3.3	root / gpio / virtual / vgpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.3.4	root / gpio / virtual / vgpio 3 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.3.5	root / gpio / virtual / vgpio 3 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.3.6	root / gpio / virtual / vgpio 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.4.1	root / gpio / virtual / vgpio 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.4.2	root / gpio / virtual / vgpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.4.3	root / gpio / virtual / vgpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.4.4	root / gpio / virtual / vgpio 4 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.2.4.5	root / gpio / virtual / vgpio 4 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.4.6	root / gpio / virtual / vgpio 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.5.1	root / gpio / virtual / vgpio 5 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.5.2	root / gpio / virtual / vgpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.5.3	root / gpio / virtual / vgpio 5 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.5.4	root / gpio / virtual / vgpio 5 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.5.5	root / gpio / virtual / vgpio 5 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.5.6	root / gpio / virtual / vgpio 5 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.6.1	root / gpio / virtual / vgpio 6 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.6.2	root / gpio / virtual / vgpio 6 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.6.3	root / gpio / virtual / vgpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.6.4	root / gpio / virtual / vgpio 6 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.6.5	root / gpio / virtual / vgpio 6 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.6.6	root / gpio / virtual / vgpio 6 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.7.1	root / gpio / virtual / vgpio 7 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.7.2	root / gpio / virtual / vgpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.7.3	root / gpio / virtual / vgpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.7.4	root / gpio / virtual / vgpio 7 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.2.7.5	root / gpio / virtual / vgpio 7 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.7.6	root / gpio / virtual / vgpio 7 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.8.1	root / gpio / virtual / vgpio 8 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.8.2	root / gpio / virtual / vgpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.8.3	root / gpio / virtual / vgpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.8.4	root / gpio / virtual / vgpio 8 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.8.5	root / gpio / virtual / vgpio 8 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.8.6	root / gpio / virtual / vgpio 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.9.1	root / gpio / virtual / vgpio 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.9.2	root / gpio / virtual / vgpio 9 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.9.3	root / gpio / virtual / vgpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.9.4	root / gpio / virtual / vgpio 9 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.9.5	root / gpio / virtual / vgpio 9 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.9.6	root / gpio / virtual / vgpio 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.10.1	root / gpio / virtual / vgpio 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.10.2	root / gpio / virtual / vgpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.10.3	root / gpio / virtual / vgpio 10 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.10.4	root / gpio / virtual / vgpio 10 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.2.10.5	root / gpio / virtual / vgpio 10 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.10.6	root / gpio / virtual / vgpio 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.1	root / gpio / handlers / h-0	String [3]	Read [1]	Mute: Input 1 UTF8	
1.5.3.2	root / gpio / handlers / h-1	String [3]	Read [1]	Mute: Input 2 UTF8	
1.5.3.3	root / gpio / handlers / h-2	String [3]	Read [1]	Mute: Input 3 UTF8	
1.5.3.4	root / gpio / handlers / h-3	String [3]	Read [1]	Mute: Input 4 UTF8	
1.5.3.5	root / gpio / handlers / h-4	String [3]	Read [1]	Mute: Input 5 UTF8	
1.5.3.6	root / gpio / handlers / h-5	String [3]	Read [1]	Mute: Input 6 UTF8	
1.5.3.7	root / gpio / handlers / h-6	String [3]	Read [1]	Mute: Input 7 UTF8	
1.5.3.8	root / gpio / handlers / h-7	String [3]	Read [1]	Mute: Input 8 UTF8	
1.5.4.1	root / gpio / triggers / t-0	String [3]	Read [1]	Primary Link Down UTF8	
1.5.4.2	root / gpio / triggers / t-1	String [3]	Read [1]	Secondary Link Down UTF8	
1.5.4.3	root / gpio / triggers / t-2	String [3]	Read [1]	POE1 Power Off UTF8	
1.5.4.4	root / gpio / triggers / t-3	String [3]	Read [1]	POE2 Power Off UTF8	
1.5.4.5	root / gpio / triggers / t-4	String [3]	Read [1]	PTP Sync Lost UTF8	
1.5.4.6	root / gpio / triggers / t-5	String [3]	Read [1]	GPI 1 UTF8	
1.5.4.7	root / gpio / triggers / t-6	String [3]	Read [1]	GPI 2 UTF8	
1.5.4.8	root / gpio / triggers / t-7	String [3]	Read [1]	GPI 3 UTF8	
1.5.4.9	root / gpio / triggers / t-8	String [3]	Read [1]	GPI 4 UTF8	
1.5.4.10	root / gpio / triggers / t-9	String [3]	Read [1]	GPI 5 UTF8	
1.5.4.11	root / gpio / triggers / t-10	String [3]	Read [1]	GPI 6 UTF8	
1.5.4.12	root / gpio / triggers / t-11	String [3]	Read [1]	GPI 7 UTF8	
1.5.4.13	root / gpio / triggers / t-12	String [3]	Read [1]	GPI 8 UTF8	
1.5.4.14	root / gpio / triggers / t-13	String [3]	Read [1]	GPI 9 UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.4.15	root / gpio / triggers / t-14	String [3]	Read [1]	GPI 10 UTF8	
1.5.4.16	root / gpio / triggers / t-15	String [3]	Read [1]	vGPI 1 UTF8	
1.5.4.17	root / gpio / triggers / t-16	String [3]	Read [1]	vGPI 2 UTF8	
1.5.4.18	root / gpio / triggers / t-17	String [3]	Read [1]	vGPI 3 UTF8	
1.5.4.19	root / gpio / triggers / t-18	String [3]	Read [1]	vGPI 4 UTF8	
1.5.4.20	root / gpio / triggers / t-19	String [3]	Read [1]	vGPI 5 UTF8	
1.5.4.21	root / gpio / triggers / t-20	String [3]	Read [1]	vGPI 6 UTF8	
1.5.4.22	root / gpio / triggers / t-21	String [3]	Read [1]	vGPI 7 UTF8	
1.5.4.23	root / gpio / triggers / t-22	String [3]	Read [1]	vGPI 8 UTF8	
1.5.4.24	root / gpio / triggers / t-23	String [3]	Read [1]	vGPI 9 UTF8	
1.5.4.25	root / gpio / triggers / t-24	String [3]	Read [1]	vGPI 10 UTF8	
1.5.4.26	root / gpio / triggers / t-25	String [3]	Read [1]	Signal Present: Input 1 UTF8	
1.5.4.27	root / gpio / triggers / t-26	String [3]	Read [1]	Signal Present: Input 2 UTF8	
1.5.4.28	root / gpio / triggers / t-27	String [3]	Read [1]	Signal Present: Input 3 UTF8	
1.5.4.29	root / gpio / triggers / t-28	String [3]	Read [1]	Signal Present: Input 4 UTF8	
1.5.4.30	root / gpio / triggers / t-29	String [3]	Read [1]	Signal Present: Input 5 UTF8	
1.5.4.31	root / gpio / triggers / t-30	String [3]	Read [1]	Signal Present: Input 6 UTF8	
1.5.4.32	root / gpio / triggers / t-31	String [3]	Read [1]	Signal Present: Input 7 UTF8	
1.5.4.33	root / gpio / triggers / t-32	String [3]	Read [1]	Signal Present: Input 8 UTF8	
1.5.5.1	root / gpio / vgpio sources / v-0	String [3]	Read [1]	vGP01@AVN-CU1-0146422 UTF8	
1.5.5.2	root / gpio / vgpio sources / v-1	String [3]	Read [1]	vGP04@AVN-CU2-Geoff UTF8	
1.5.5.3	root / gpio / vgpio sources / v-2	String [3]	Read [1]	vGP03@AVN-CU2-Geoff UTF8	
1.5.5.4	root / gpio / vgpio sources / v-3	String [3]	Read [1]	vGP02@AVN-CU2-Geoff UTF8	
1.5.5.5	root / gpio / vgpio sources / v-4	String [3]	Read [1]	vGP01@AVN-CU2-Geoff UTF8	
1.5.5.6	root / gpio / vgpio sources / v-5	String [3]	Read [1]	vGP01@AVN-CU4-0138967 UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.5.7	root / gpio / vgpio sources / v-6	String [3]	Read [1]	vGP04@RM-X-64-DNT-RavRack UTF8	

Functions

OID / Path	Name path	Description
1.2.1	root / system / reboot	Save configuration and reboot the unit

Matrices

None found.

Node index

OID / Path	Name path	Description
1	root	
1.1	root / identity	
1.2	root / system	
1.3	root / network	
1.3.3	root / network / br0	br0
1.4	root / inputs	
1.4.1	root / inputs / input 1	
1.4.2	root / inputs / input 2	
1.4.3	root / inputs / input 3	
1.4.4	root / inputs / input 4	
1.4.5	root / inputs / input 5	
1.4.6	root / inputs / input 6	
1.4.7	root / inputs / input 7	
1.4.8	root / inputs / input 8	
1.5	root / gpio	
1.5.1	root / gpio / physical	
1.5.1.1	root / gpio / physical / gpio 1	
1.5.1.2	root / gpio / physical / gpio 2	
1.5.1.3	root / gpio / physical / gpio 3	
1.5.1.4	root / gpio / physical / gpio 4	
1.5.1.5	root / gpio / physical / gpio 5	
1.5.1.6	root / gpio / physical / gpio 6	
1.5.1.7	root / gpio / physical / gpio 7	
1.5.1.8	root / gpio / physical / gpio 8	
1.5.1.9	root / gpio / physical / gpio 9	

OID / Path	Name path	Description
1.5.1.10	root / gpio / physical / gpio 10	
1.5.1.11	root / gpio / physical / relay 1	
1.5.2	root / gpio / virtual	
1.5.2.1	root / gpio / virtual / vgpio 1	
1.5.2.2	root / gpio / virtual / vgpio 2	
1.5.2.3	root / gpio / virtual / vgpio 3	
1.5.2.4	root / gpio / virtual / vgpio 4	
1.5.2.5	root / gpio / virtual / vgpio 5	
1.5.2.6	root / gpio / virtual / vgpio 6	
1.5.2.7	root / gpio / virtual / vgpio 7	
1.5.2.8	root / gpio / virtual / vgpio 8	
1.5.2.9	root / gpio / virtual / vgpio 9	
1.5.2.10	root / gpio / virtual / vgpio 10	
1.5.3	root / gpio / handlers	
1.5.4	root / gpio / triggers	
1.5.5	root / gpio / vgpio sources	

Device metadata: Sonifex Ltd. / firmware D1.4.3054