RM-X-64-RAV Ember+ Reference

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207	1	1	45
Parameters	Functions	Matrices	Nodes

Parameters

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
`1.1.1`	root / identity / product	String [3]	Read [1]	`RM-X-64-RAV` 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]	`D0.1.3105` UTF8	
`1.3.1`	root / network / friendly_name	String [3]	Read / Write [3]	`RM-X-64-RAV-B100544C` UTF8	
`1.3.2.1`	root / network / eth0 / mode	Integer [1]	Read / Write [3]	`1` INTEGER	Allowed values `0` = disabled `1` = static `2` = dynamic
`1.3.2.2`	root / network / eth0 / ip_address	String [3]	Read / Write [3]	`172.16.100.17` UTF8	
`1.3.2.3`	root / network / eth0 / netmask	String [3]	Read / Write [3]	`255.255.255.0` UTF8	
`1.3.2.4`	root / network / eth0 / gateway	String [3]	Read / Write [3]	`0.0.0.0` UTF8	
`1.3.2.5`	root / network / eth0 / mac_address	String [3]	Read [1]	`D0:A4:B1:00:54:4C` UTF8	
`1.4.1`	root / audio / clock sync	Integer [1]	Read / Write [3]	`0` INTEGER	Range `0` to `2` Allowed values `0` = Internal `1` = AES3id Input `2` = MADI Input
`1.4.2`	root / audio / headphone attenuation	Integer [1]	Read / Write [3]	`0` INTEGER	Range `-24` to `0`
`1.4.3`	root / audio / speaker mute	Boolean [4]	Read / Write [3]	`True` BOOLEAN	
`1.4.4`	root / audio / headphone mute	Boolean [4]	Read / Write [3]	`False` BOOLEAN	

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
1.4.5	root / audio / lineout mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.6	root / audio / microphone mute	Boolean [4]	Read / Write [3]	True BOOLEAN	
1.4.7	root / audio / speaker dim attenuation	Integer [1]	Read / Write [3]	-24 INTEGER	Range -36 to -12
1.4.8	root / audio / headphone dim attenuation	Integer [1]	Read / Write [3]	-24 INTEGER	Range -36 to -12
1.4.9	root / audio / lineout dim attenuation	Integer [1]	Read / Write [3]	-24 INTEGER	Range -36 to -12
1.4.10	root / audio / lineout level	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 1 Allowed values 0 = Speaker Level 1 = Fixed (0dB)
1.4.11	root / audio / lineout mode	Integer [1]	Read / Write [3]	0 INTEGER	Range 0 to 1 Allowed values 0 = Analogue 1 = Digital
1.4.12	root / audio / analogue lineout line up	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.13	root / audio / monitor limiter threshold	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.4.14	root / audio / speaker volume	Integer [1]	Read / Write [3]	-31 INTEGER	Range -80 to 10
1.4.15	root / audio / headphone volume	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.16	root / audio / speaker balance	Integer [1]	Read / Write [3]	10 INTEGER	Range 0 to 20
1.4.17	root / audio / headphone balance	Integer [1]	Read / Write [3]	10 INTEGER	Range 0 to 20
1.4.18	root / audio / dim	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.19	root / audio / cut	Boolean [4]	Read / Write [3]	True BOOLEAN	
1.5.1	root / frontpanel / dim button mode	Integer [1]	Read / Write	3 INTEGER	Range 0 to 3

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
			[3]		**Allowed values** 0 = Disabled 1 = Momentary 2 = Latching 3 = Auto
1.5.2	root / frontpanel / cut button mode	Integer [1]	Read / Write [3]	3 INTEGER	**Range** 0 to 3 **Allowed values** 0 = Disabled 1 = Momentary 2 = Latching 3 = Auto
1.5.3	root / frontpanel / led brightness	Integer [1]	Read / Write [3]	3 INTEGER	**Range** 0 to 7 **Allowed values** 0 = Min 1 = 1 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = Max
1.5.4	root / frontpanel / led auto brightness	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.5	root / frontpanel / ac psu status led	Boolean [4]	Read / Write [3]	True BOOLEAN	
1.5.6	root / frontpanel / dc psu status led	Boolean [4]	Read / Write [3]	True BOOLEAN	
1.6.1	root / display / default source meters	Integer [1]	Read / Write [3]	0 INTEGER	**Range** 0 to 3 **Allowed values** 0 = Rav 1 = MADI 2 = Exp1:not fitted 3 = Exp2:not fitted
1.6.2	root / display / meter scale	Integer [1]	Read / Write [3]	0 INTEGER	**Range** 0 to 9 **Allowed values** 0 = Dual PPM + Standard VU 1 = EBU PPM 2 = BBC PPM 3 = Nordic PPM 4 = AES PPM 5 = AES PPM (SMPTE RP.0155) 6 = DIN PPM 7 = German PPM 8 = Standard VU 9 = Extended VU
1.6.3	root / display / ppm type	Integer [1]	Read / Write [3]	1 INTEGER	**Range** 0 to 2 **Allowed values** 0 = Type I 1 = Type II 2 = Type II Slow

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
1.6.4	root / display / brightness	Integer [1]	Read / Write [3]	2 INTEGER	Range 0 to 4 Allowed values 0 = 20% 1 = 40% 2 = 60% 3 = 80% 4 = 100%
1.6.5	root / display / auto brightness	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.6	root / display / screen saver enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.7	root / display / screen saver timeout	Integer [1]	Read / Write [3]	5 INTEGER	Range 1 to 20
1.8.1.1.1	root / gpio / physical / gpio 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.1.1.2	root / gpio / physical / gpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.1.1.3	root / gpio / physical / gpio 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.1.1.4	root / gpio / physical / gpio 1 / active triggers	String [3]	Read [1]	UTF8	
1.8.1.1.5	root / gpio / physical / gpio 1 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.8.1.1.6	root / gpio / physical / gpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.1.2.1	root / gpio / physical / gpio 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.1.2.2	root / gpio / physical / gpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.1.2.3	root / gpio / physical / gpio 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.1.2.4	root / gpio / physical / gpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.8.1.2.5	root / gpio / physical / gpio 2 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.8.1.2.6	root / gpio / physical / gpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.1.3.1	root / gpio / physical / gpio 3 / type	Integer [1]	Read / Write	0 INTEGER	Allowed values 0 = disabled

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
			[3]		`1` = input `2` = output
`1.8.1.3.2`	root / gpio / physical / gpio 3 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.3.3`	root / gpio / physical / gpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.3.4`	root / gpio / physical / gpio 3 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.3.5`	root / gpio / physical / gpio 3 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.3.6`	root / gpio / physical / gpio 3 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.4.1`	root / gpio / physical / gpio 4 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.8.1.4.2`	root / gpio / physical / gpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.4.3`	root / gpio / physical / gpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.4.4`	root / gpio / physical / gpio 4 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.4.5`	root / gpio / physical / gpio 4 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.4.6`	root / gpio / physical / gpio 4 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.5.1`	root / gpio / physical / gpio 5 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.8.1.5.2`	root / gpio / physical / gpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.5.3`	root / gpio / physical / gpio 5 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.5.4`	root / gpio / physical / gpio 5 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.5.5`	root / gpio / physical / gpio 5 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.5.6`	root / gpio / physical / gpio 5 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.6.1`	root / gpio / physical / gpio 6 / type	Integer [1]	Read / Write	`0` INTEGER	Allowed values `0` = disabled

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
			[3]		`1` = input `2` = output
`1.8.1.6.2`	root / gpio / physical / gpio 6 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.6.3`	root / gpio / physical / gpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.6.4`	root / gpio / physical / gpio 6 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.6.5`	root / gpio / physical / gpio 6 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.6.6`	root / gpio / physical / gpio 6 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.7.1`	root / gpio / physical / gpio 7 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.8.1.7.2`	root / gpio / physical / gpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.7.3`	root / gpio / physical / gpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.7.4`	root / gpio / physical / gpio 7 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.7.5`	root / gpio / physical / gpio 7 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.7.6`	root / gpio / physical / gpio 7 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.8.1`	root / gpio / physical / gpio 8 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.8.1.8.2`	root / gpio / physical / gpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.8.3`	root / gpio / physical / gpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.8.4`	root / gpio / physical / gpio 8 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.8.5`	root / gpio / physical / gpio 8 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.8.6`	root / gpio / physical / gpio 8 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.9.1`	root / gpio / physical / gpio 9 / type	Integer [1]	Read / Write	`0` INTEGER	Allowed values `0` = disabled

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
			[3]		`1` = input `2` = output
`1.8.1.9.2`	root / gpio / physical / gpio 9 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.9.3`	root / gpio / physical / gpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.9.4`	root / gpio / physical / gpio 9 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.9.5`	root / gpio / physical / gpio 9 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.9.6`	root / gpio / physical / gpio 9 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.10.1`	root / gpio / physical / gpio 10 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.8.1.10.2`	root / gpio / physical / gpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.1.10.3`	root / gpio / physical / gpio 10 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.10.4`	root / gpio / physical / gpio 10 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.10.5`	root / gpio / physical / gpio 10 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.8.1.10.6`	root / gpio / physical / gpio 10 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.8.1.11.1`	root / gpio / physical / relay 1 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.1.11.2`	root / gpio / physical / relay 1 / active triggers	String [3]	Read [1]	UTF8	
`1.8.1.11.3`	root / gpio / physical / relay 1 / status	Boolean [4]	Read [1]	`False` BOOLEAN	
`1.8.2.1.1`	root / gpio / virtual / vgpio 1 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.8.2.1.2`	root / gpio / virtual / vgpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
`1.8.2.1.3`	root / gpio / virtual / vgpio 1 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.8.2.1.4`	root / gpio / virtual / vgpio 1 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
1.8.2.1.5	root / gpio / virtual / vgpio 1 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.1.6	root / gpio / virtual / vgpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.2.1	root / gpio / virtual / vgpio 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.2.2	root / gpio / virtual / vgpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.2.3	root / gpio / virtual / vgpio 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.2.4	root / gpio / virtual / vgpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.8.2.2.5	root / gpio / virtual / vgpio 2 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.2.6	root / gpio / virtual / vgpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.3.1	root / gpio / virtual / vgpio 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.3.2	root / gpio / virtual / vgpio 3 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.3.3	root / gpio / virtual / vgpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.3.4	root / gpio / virtual / vgpio 3 / active triggers	String [3]	Read [1]	UTF8	
1.8.2.3.5	root / gpio / virtual / vgpio 3 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.3.6	root / gpio / virtual / vgpio 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.4.1	root / gpio / virtual / vgpio 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.4.2	root / gpio / virtual / vgpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.4.3	root / gpio / virtual / vgpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.4.4	root / gpio / virtual / vgpio 4 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
1.8.2.4.5	root / gpio / virtual / vgpio 4 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.4.6	root / gpio / virtual / vgpio 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.5.1	root / gpio / virtual / vgpio 5 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.5.2	root / gpio / virtual / vgpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.5.3	root / gpio / virtual / vgpio 5 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.5.4	root / gpio / virtual / vgpio 5 / active triggers	String [3]	Read [1]	UTF8	
1.8.2.5.5	root / gpio / virtual / vgpio 5 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.5.6	root / gpio / virtual / vgpio 5 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.6.1	root / gpio / virtual / vgpio 6 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.6.2	root / gpio / virtual / vgpio 6 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.6.3	root / gpio / virtual / vgpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.6.4	root / gpio / virtual / vgpio 6 / active triggers	String [3]	Read [1]	UTF8	
1.8.2.6.5	root / gpio / virtual / vgpio 6 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.6.6	root / gpio / virtual / vgpio 6 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.7.1	root / gpio / virtual / vgpio 7 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.7.2	root / gpio / virtual / vgpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.7.3	root / gpio / virtual / vgpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.7.4	root / gpio / virtual / vgpio 7 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
1.8.2.7.5	root / gpio / virtual / vgpio 7 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.7.6	root / gpio / virtual / vgpio 7 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.8.1	root / gpio / virtual / vgpio 8 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.8.2	root / gpio / virtual / vgpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.8.3	root / gpio / virtual / vgpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.8.4	root / gpio / virtual / vgpio 8 / active triggers	String [3]	Read [1]	UTF8	
1.8.2.8.5	root / gpio / virtual / vgpio 8 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.8.6	root / gpio / virtual / vgpio 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.9.1	root / gpio / virtual / vgpio 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.9.2	root / gpio / virtual / vgpio 9 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.9.3	root / gpio / virtual / vgpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.9.4	root / gpio / virtual / vgpio 9 / active triggers	String [3]	Read [1]	UTF8	
1.8.2.9.5	root / gpio / virtual / vgpio 9 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.9.6	root / gpio / virtual / vgpio 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.2.10.1	root / gpio / virtual / vgpio 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.8.2.10.2	root / gpio / virtual / vgpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.8.2.10.3	root / gpio / virtual / vgpio 10 / output triggers	String [3]	Read / Write [3]	UTF8	
1.8.2.10.4	root / gpio / virtual / vgpio 10 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
1.8.2.10.5	root / gpio / virtual / vgpio 10 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.8.2.10.6	root / gpio / virtual / vgpio 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.8.3.1	root / gpio / handlers / h-0	String [3]	Read [1]	Mic Mute UTF8	
1.8.3.2	root / gpio / handlers / h-1	String [3]	Read [1]	Speaker Mute UTF8	
1.8.3.3	root / gpio / handlers / h-2	String [3]	Read [1]	Headphones Mute UTF8	
1.8.3.4	root / gpio / handlers / h-3	String [3]	Read [1]	Lineout Mute UTF8	
1.8.3.5	root / gpio / handlers / h-4	String [3]	Read [1]	Dim UTF8	
1.8.3.6	root / gpio / handlers / h-5	String [3]	Read [1]	Cut UTF8	
1.8.4.1	root / gpio / triggers / t-0	String [3]	Read [1]	Primary Link Down UTF8	
1.8.4.2	root / gpio / triggers / t-1	String [3]	Read [1]	Secondary Link Down UTF8	
1.8.4.3	root / gpio / triggers / t-2	String [3]	Read [1]	AC Power Off UTF8	
1.8.4.4	root / gpio / triggers / t-3	String [3]	Read [1]	DC Power Off UTF8	
1.8.4.5	root / gpio / triggers / t-4	String [3]	Read [1]	PTP Sync Lost UTF8	
1.8.4.6	root / gpio / triggers / t-5	String [3]	Read [1]	GPI 1 UTF8	
1.8.4.7	root / gpio / triggers / t-6	String [3]	Read [1]	GPI 2 UTF8	
1.8.4.8	root / gpio / triggers / t-7	String [3]	Read [1]	GPI 3 UTF8	
1.8.4.9	root / gpio / triggers / t-8	String [3]	Read [1]	GPI 4 UTF8	
1.8.4.10	root / gpio / triggers / t-9	String [3]	Read [1]	GPI 5 UTF8	
1.8.4.11	root / gpio / triggers / t-10	String [3]	Read [1]	GPI 6 UTF8	
1.8.4.12	root / gpio / triggers / t-11	String [3]	Read [1]	GPI 7 UTF8	
1.8.4.13	root / gpio / triggers / t-12	String [3]	Read [1]	GPI 8 UTF8	
1.8.4.14	root / gpio / triggers / t-13	String [3]	Read [1]	GPI 9 UTF8	
1.8.4.15	root / gpio / triggers / t-14	String [3]	Read [1]	GPI 10 UTF8	
1.8.4.16	root / gpio / triggers / t-15	String [3]	Read [1]	vGPI 1 UTF8	

OID / Path	Name path	Type	Access	Default value	Range / Enumeration
1.8.4.17	root / gpio / triggers / t-16	String [3]	Read [1]	vGPI 2 UTF8	
1.8.4.18	root / gpio / triggers / t-17	String [3]	Read [1]	vGPI 3 UTF8	
1.8.4.19	root / gpio / triggers / t-18	String [3]	Read [1]	vGPI 4 UTF8	
1.8.4.20	root / gpio / triggers / t-19	String [3]	Read [1]	vGPI 5 UTF8	
1.8.4.21	root / gpio / triggers / t-20	String [3]	Read [1]	vGPI 6 UTF8	
1.8.4.22	root / gpio / triggers / t-21	String [3]	Read [1]	vGPI 7 UTF8	
1.8.4.23	root / gpio / triggers / t-22	String [3]	Read [1]	vGPI 8 UTF8	
1.8.4.24	root / gpio / triggers / t-23	String [3]	Read [1]	vGPI 9 UTF8	
1.8.4.25	root / gpio / triggers / t-24	String [3]	Read [1]	vGPI 10 UTF8	
1.8.4.26	root / gpio / triggers / t-25	String [3]	Read [1]	Mic Mute UTF8	
1.8.4.27	root / gpio / triggers / t-26	String [3]	Read [1]	Speaker Mute UTF8	
1.8.4.28	root / gpio / triggers / t-27	String [3]	Read [1]	Headphones Mute UTF8	
1.8.4.29	root / gpio / triggers / t-28	String [3]	Read [1]	Lineout Mute UTF8	
1.8.4.30	root / gpio / triggers / t-29	String [3]	Read [1]	Synchronisation Clock Locked UTF8	
1.8.4.31	root / gpio / triggers / t-30	String [3]	Read [1]	AES3Id Locked UTF8	
1.8.4.32	root / gpio / triggers / t-31	String [3]	Read [1]	MADI Locked UTF8	
1.8.4.33	root / gpio / triggers / t-32	String [3]	Read [1]	Dim UTF8	
1.8.4.34	root / gpio / triggers / t-33	String [3]	Read [1]	Cut UTF8	
1.9.1	root / expansion1 / type	String [3]	Read [1]	not fitted UTF8	
1.10.1	root / expansion2 / type	String [3]	Read [1]	not fitted UTF8	

Functions

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

Matrices

OID / Path	Name path	Targets	Sources	Addressing	Parameters location	Labels	Description
1.7.3	root / metering settings / matrix	0	0	1	1.7.2 RELATIVE-OID	Primary: 1.7.1	Matrix to store metering settings and connection info

Node index

OID / Path	Name path	Description
1	root	
1.1	root / identity	
1.2	root / system	
1.3	root / network	
1.3.2	root / network / eth0	eth0
1.4	root / audio	
1.5	root / frontpanel	
1.6	root / display	
1.7	root / metering settings	
1.7.1	root / metering settings / labels	
1.7.1.1	root / metering settings / labels / targets	
1.7.1.2	root / metering settings / labels / sources	
1.7.2	root / metering settings / parameters	
1.7.2.1	root / metering settings / parameters / targets	
1.7.2.2	root / metering settings / parameters / sources	
1.7.2.3	root / metering settings / parameters / connections	
1.8	root / gpio	
1.8.1	root / gpio / physical	
1.8.1.1	root / gpio / physical / gpio 1	
1.8.1.2	root / gpio / physical / gpio 2	
1.8.1.3	root / gpio / physical / gpio 3	
1.8.1.4	root / gpio / physical / gpio 4	
1.8.1.5	root / gpio / physical / gpio 5	
1.8.1.6	root / gpio / physical / gpio 6	
1.8.1.7	root / gpio / physical / gpio 7	
1.8.1.8	root / gpio / physical / gpio 8	
1.8.1.9	root / gpio / physical / gpio 9	
1.8.1.10	root / gpio / physical / gpio 10	
1.8.1.11	root / gpio / physical / relay 1	
1.8.2	root / gpio / virtual	
1.8.2.1	root / gpio / virtual / vgpio 1	
1.8.2.2	root / gpio / virtual / vgpio 2	
1.8.2.3	root / gpio / virtual / vgpio 3	

OID / Path	Name path	Description
1.8.2.4	root / gpio / virtual / vgpio 4	
1.8.2.5	root / gpio / virtual / vgpio 5	
1.8.2.6	root / gpio / virtual / vgpio 6	
1.8.2.7	root / gpio / virtual / vgpio 7	
1.8.2.8	root / gpio / virtual / vgpio 8	
1.8.2.9	root / gpio / virtual / vgpio 9	
1.8.2.10	root / gpio / virtual / vgpio 10	
1.8.3	root / gpio / handlers	
1.8.4	root / gpio / triggers	
1.8.5	root / gpio / vgpio sources	
1.9	root / expansion1	
1.10	root / expansion2	

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