INTEGRAL OSC Messages

INTEGRAL series products can be controlled with OSC messages. This document includes the different message syntaxes that the user can use to configure the different parameters.

OSC Configuracion

- <u>Communication protocol</u> : **UDP**
- <u>IP</u>: **INTEGRAL device IP**
- <u>Send Port</u>: **60080**
- <u>Receive Port</u>: **60081**

Input configuration messages

Parameter	Address	Parameter type	Parameter value	Parameter name
Gain	'/integral/input/{channel}/gain_dB/'	Float	[-40, +6]	Gain value [dB]
Mute	'/integral/input/{channel}/mute/'	Float	0 : OFF 1: ON	Mute state
Phantom	'/integral/phantom/'	Int32	0 : IN-A 1 : IN-B	Channel number
		Int32	0: OFF 1: ON	Phantom mode
Gain step	'/integral/input/step_gain/'			
		Int32	[0,7]	Channel number
		Int32	0: Increase 1: Decrease	Mode
		Float	[0,6]	Gain step [dB]

Output configuration messages

Parameter	Address	Parameter type	Parameter value	Parameter name
Gain	'/integral/output/{channel}/gain_dB/'	Float	[-40,+15]	Gain value [dB]
Mute	'/integral/output/{channel}/mute/'	Float	0 : OFF 1 : ON	Mute state
Gain step	'/integral/output/step_gain/'	Int32	[0,7]	Channel number
		Int32	0: Increase 1: Decrease	Mode
		Float	[0,6]	Gain step [dB]

Preset configuration messages

Parameter	Address	Parameter type	Parameter value	Parameter name
Get Preset name	'/integral/get_presets_name/'	-	-	-
Show Preset name	'/integral/preset_name/{SLOT}/'	-	-	-
Global Preset Recall	'/integral/preset_recall/'	Float	[0,64]	Preset slot

Gain Matrix

Parameter	Address	Parameter type	Parameter value	Parameter name
Gain Matrix	'/integral/matrix/'	-	-	-
		Int32	[0,7]	Output channel number
		Float	[-180,0]	Gain IN-A
		Float	[-180,0]	Gain IN-B
		Float	[-180,0]	Gain IN-C
		Float	[-180,0]	Gain IN-D
		Float	[-180,0]	Gain IN-E
		Float	[-180,0]	Gain IN-F
		Float	[-180,0]	Gain IN-G
		Float	[-180,0]	Gain IN-H