

Document Version	Date	Information
A.1	8/02/2023	Initial version
A.2	06/09/2024	INTEGRAL M26X Added

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

- Communication protocol : **UDP**
- IP: **INTEGRAL device IP**
- Send Port: **60080**
- Receive Port: **60081**

Input configuration messages

Parameter	Address	Parameter type	Parameter value	Parameter name
Gain	'/integral/input/{channel}/gain_dB/' <u>INTEGRAL MA/M88</u> ({channel): A/B/C/D/E/F/G/H) <u>INTEGRAL M26X</u> ({channel): A/B)	Float	[-40, +6]	Gain value [dB]
Mute	'/integral/input/{channel}/mute/' <u>INTEGRAL MA/M88</u> ({channel): A/B/C/D/E/F/G/H) <u>INTEGRAL M26X</u> ({channel): A/B)	Float	0 : OFF 1: ON	Mute state
Phantom (Only INTEGRAL MA and M88)	'/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	<u>INTEGRAL MA/M88</u> [0,7] <u>INTEGRAL M26X</u>	Channel number

			[0,1]	
		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/' <u>INTEGRAL MA/M88</u> ({channel}): OUT1/OUT2/OUT3/OUT4/OUT5/OUT6/ OUT7/OUT8) <u>INTEGRAL M26X</u> ({channel}): OUT1/OUT2/OUT3/OUT4/OUT5/OUT6)	Float	[-40,+15]	Gain value [dB]
Mute	'/integral/output/{channel}/mute/' <u>INTEGRAL MA/M88</u> ({channel}): OUT1/OUT2/OUT3/OUT4/OUT5/OUT6/ OUT7/OUT8) <u>INTEGRAL M26X</u> ({channel}): OUT1/OUT2/OUT3/OUT4/OUT5/OUT6)	Float	0 : OFF 1 : ON	Mute state
Gain step	'/integral/output/step_gain/'	Int32	<u>INTEGRAL MA/M88</u> [0,7] <u>INTEGRAL M26X</u> [0,5]	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 (INTEGRAL MA/M88)

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

Gain Matrix (INTEGRAL M26X)

Parameter	Address	Parameter type	Parameter value	Parameter name
Gain Matrix	‘/integral/matrix/’	-	-	-
		Int32	[0,5]	Output channel number
		Float	[-180,0]	Gain IN-A
		Float	[-180,0]	Gain IN-B