

Playout (REST API)

Module description

REST API

Queries to control the Playout module.

Retrieving Current Loudness Parameters

The command allows retrieving the current [Loudness](#) status.

```
http://localhost:7901/playout?module_id=<N>&command=get_loudness
```

Parameter description:

- **POST** – HTTP POST query.
- **<IP_ADDR>** – server IP address.
- **<N>** - Playout service sequence number (starts with 1).
- **get_loudness** - command to retrieve current Loudness parameters.

Example of a generated response:

[response.txt](#)

```
enabled: ON

preset: 0

gain: 0.9

before: -22.0 LUFS

after: -22.6 LUFS
```

Description of parameters in the server response:

Parameter	Description
enabled	Status of the EBU-R128 Loudness normalizer at the time of the query: ON - enabled, OFF - disabled.
preset	Number of the currently used preset. Possible values: 0-3 (0 = Preset1 and so on). Preset values are specified in Playout module settings on the EBU-R128 Loudness tab. Presets are selected manually on the Status tab of the control panel, or using the EBU-R128 Loudness Preset Action .

gain	Amplification value at the time of the query: • value <1 - signal attenuation occurs, • value >1 - signal amplification occurs.	
before	Current level value at the normalizer input in LUFS.	
after	Current level value at the normalizer output, in LUFS.	The field displays the average value of 3 Integration Periods specified in Playout module settings on the EBU-R128 Loudness tab.

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