

3. Volume Control

Adjusts the volume level of a player. Also used to mute a player.

3.1 Set Volume

Description

This request queries or sets the player volume.

All command variants, whether using 0..100 level, absolute dB or relative dB parameters, are constrained to values that result in a level within the configured available volume range, which is typically -80..0. The volume range can be adjusted using the BluOS Controller app, on the Settings -> Player -> Audio page.

The query supports long polling (not illustrated below).

Request

/Volume

/Volume?level=*level*&tell_slaves=*on_off*

/Volume?mute=*on_off*&tell_slaves=*on_off*

/Volume?abs_db=*db*&tell_slaves=*on_off*

/Volume?db=*delta-db*&tell_slaves=*on_off*

Parameters	Description
level	Set the absolute volume level of the player. It is an integer from 0 -100.
tell_slaves	Applies to grouped players. If set to 0, only the currently selected player changes volume. If set to 1, then all players in the group change volume.
mute	If set to 0, the player is muted. If set to 1, the player is unmuted.
abs_db	Set the volume using a dB scale.
db	Do a relative volume change using a dB volume scale. db can be a positive or negative number.

Response

<volume db="-49.9" mute="0" offsetDb="0" etag="6213593a6132887e23fe0476b9ab2cba">15</volume>

Response Attributes	Description
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Response Attributes	Description
db	Volume level in dB.
mute	1 if the player is muted, 0 if the player is unmuted.
muteDb	If the player is muted, then this is the unmuted volume level in dB.
muteVolume	If the player is muted, then this is the unmuted volume level (0..100).
volume	The current volume level: 0..100 or -1 for fixed volume.

Example

`http://192.168.1.100:11000/Volume?level=15`

Sets the player volume level to 15 (out of 100).

`http://192.168.1.100:11000/Volume? tell_slaves=1&db=2`

Increases the volume of master player 192.168.1.100, and all of the secondary players in that group, by 2 dB.

`http://192.168.1.100:11000/Volume?mute=1`

Mutes the player.

3.2 Volume Up

Description

This request increases volume by certain dB (typical value is 2dB).

Request

`/Volume?db=db_value`

Parameters	Description
db	Volume increase steps in dB (typical value 2dB)

Response

`<volume db="-25" mute="0" offsetDb="6" etag="a071a168fac1c879b1de291720c8a4b8">27</volume>`

Response Attributes	Description
db	Volume level in dB.
mute	1 if the player is muted, 0 if the player is not muted

Response Attributes	Description
offsetDb	
etag	

Example

<http://192.168.1.100:11000/Volume?db=2>

Increase the volume by 2dB.

3.3 Volume Down

Description

This request decreases volume by certain dB (typical value is -2dB).

Request

[/Volume?db=-db_value](#)

Parameters	Description
db	Volume increase steps in dB (typical value -2dB)

Response

`<volume db="-25" mute="0" offsetDb="6" etag="a071a168fac1c879b1de291720c8a4b8">27</volume>`

Response Attributes	Description
db	Volume level in dB
mute	1 if the player is muted, 0 if the player is not muted
offsetDb	
etag	

Example

<http://192.168.1.100:11000/Volume?db=-2>

Decrease the volume by 2dB.

3.4 Mute On

Description

This request sets player to mute.

Request

/Volume?mute=1

Parameters	Description
mute	Set to 1 to mute player

Response

```
<volume muteDb="-43.1" db="-100" muteVolume="11" mute="1" offsetDb="0" etag="2105bed56563d9da46942a696cfadd63">0</volume>
```

Response Attributes	Description
muteDb	Volume level in dB before mute
db	Volume level in dB
muteVolume	Volume level in percent before mute
mute	1 means the player is muted
offsetDb	
etag	

Example

http://192.168.1.100:11000/Volume?mute=1

3.5 Mute Off

Description

This request sets player to unmute.

Request

/Volume?mute=0

Parameters	Description
mute	Set to 0 to unmute player

Response

```
<volume db="-43.1" mute="0" offsetDb="0" etag="e72d53db17baa526ebb5ee9c26060b1f">11</volume>
```

Response Attributes	Description
db	Volume level in dB
mute	0 means the player is not muted
offsetDb	
etag	

Example

<http://192.168.1.100:11000/Volume?mute=0>