

Example

Inhibit selected fixtures

by:	Sebastian Beutel, with help by Gregory Haynes
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description:	inhibits selected fixtures: sets them @0% and freezes
remarks:	idea by John Richardson, see https://www.facebook.com/groups/Avolites/posts/2641102656021952/

See [Inhibit selected fixtures](#) - that freezes the entire fixtures while here we freeze only the dimmer attribute.

[inhibit](#), [set](#), [dimmer](#), [selected](#), [freeze](#), [clear](#)

The inhibit is just a quick way of dousing a lamp or lamps and then reinstating them without affecting anything in the programmer or within any cues. So I may be running an effect on some lamps and I just need to kill it for a second and then turn it back on without messing about with the programmer or cues.

The 'without messing with the programmer' part isn't possible: you need to select the fixtures which you want to inhibit before calling the macro - and selecting fixtures brings them into the programmer. There is no way to avoid this.

functions

- [Programmer.Editor.Fixtures.IncrementDimmer](#)
- [Programmer.Editor.Fixtures.SetContextAttributeFromId](#)
- [Programmer.Editor.Fixtures.SetSelectedControlsFrozen](#)
- [Programmer.Editor.ClearAll](#)

Code

[InhibitSelectedFixtures_v2.xml](#)

```
<?xml version="1.0" encoding="utf-8" ?>

<!-- Macros to mimic an inhibit function: fixtures are set to 0% and
then frozen -->
<!-- idea by John Richardson -->
<!-- Sebastian Beutel, October 2022 -->
<!-- https://www.facebook.com/groups/Avolites/posts/2641102656021952/ -
->

<avolites.macros>

  <macro id="Wiki.Macros.InhibitSelectedFixturesDimmer" name="Inhibit
```

```
Selected Fixtures Dimmer">
  <description>Inhibit On.</description>
  <sequence>
    <step>Programmer.Editor.Fixtures.IncrementDimmer(-10000, 1.0,
true)</step>
<step>Programmer.Editor.Fixtures.SetContextAttributeFromId(16)</step>
<step>Programmer.Editor.Fixtures.SetSelectedControlsFrozen(true)</step>
    <step>Programmer.Editor.ClearAll(false, false)</step>
  </sequence>
</macro>

<macro id="Avolites.Macros.UninhibitSelectedFixturesDimmer"
name="Uninhibit Selected Fixtures Dimmer">
  <description>Inhibit Off</description>
  <sequence>
<step>Programmer.Editor.Fixtures.SetContextAttributeFromId(16)</step>
<step>Programmer.Editor.Fixtures.SetSelectedControlsFrozen(false)</step>
>
    <step>Programmer.Editor.ClearAll(false, false)</step>
  </sequence>
</macro>

</avolites.macros>
```

Explanation

This explains the functional steps within the sequence. For all the other XML details please refer to [Formats and syntax](#)

The first macro `Inhibit Selected Fixtures Dimmer` sets the currently selected fixtures' dimmer at 0% and freezes them:

- `Programmer.Editor.Fixtures.IncrementDimmer(-10000, 1.0, true)` sets the dimmer at 0
- `Programmer.Editor.Fixtures.SetContextAttributeFromId(16)` makes sure we are dealing with the dimmer attribute in the next step
- `Programmer.Editor.Fixtures.SetSelectedControlsFrozen(true)` freezes the dimmer of the currently selected fixtures
- `Programmer.Editor.ClearAll(false, false)` clears the programmer

The second macro `Uninhibit Selected Fixtures Dimmer` unfreezes the currently selected fixtures:

- `Programmer.Editor.Fixtures.SetContextAttributeFromId(16)` makes sure we are dealing with the dimmer attribute in the next step
- `Programmer.Editor.Fixtures.SetSelectedControlsFrozen(false)` unfreezes the dimmer of the currently selected fixtures

- `Programmer.Editor.ClearAll(false, false)` clears the programmer

How to use it

1. [make this macro available](#)
2. in order to inhibit fixtures select them and fire the first macro
3. in order to uninhibit fixtures select them and fire the second macro

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