Example

PaletteChaseChanger (V3)

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published:	http://forum.avolites.com/viewtopic.php?f=20&t=5578
description:	two macros: one changes two palettes in blind mode, the other shifts a number of palettes in pairs.
remarks:	slightly corrected by Sebastian Beutel

This is related to ColourChaseChanger (V2).

palette, chase, blind

functions

- ActionScript.SetProperty.Boolean
- Programmer.SetBlindMode
- Attribute.Mask.IncludeAll
- Group.RecallGroupNumeric
- Palette.ApplyPalette
- Palette.StoreCurrentPaletteReplace
- Programmer.Editor.Clear
- Handles.SetSourceHandleFromHandle
- Palette.StoreCurrentPaletteReplace
- ActionScript.SetProperty.Enum
- Handles.CopyDestination
- Handles.ClearSelection

affected properties

- Programmer.BlindActive
- Palette.CurrentPaletteHandle
- Handles.SourceHandle *(implicitely used)*
- Handles.OperationMode

Code

palettechasechanger_v3.xml

```
<?xml version="1.0" encoding="utf-8"?>
<avolites.macros xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="Avolites.Menus.xsd">
  <macro id="UpTwoColorChange" name="Up Two Change">
  <!-- This swops palette 1,71 with 1,68 and 1,72 with 1,69. -->
    <sequence>
```

```
      <step>ActionScript.SetProperty.Boolean("Programmer.BlindActive",
true)</step> <!-- go blind -->
      <step>Programmer.SetBlindMode(false, 0)</step>
      <step>Attribute.Mask.IncludeAll("Palette")</step>  <!-- ??? -->
      <step>Group.RecallGroupNumeric(17)</step>  <!-- recall group #17 -->
      <step>Palette.ApplyPalette("Location=Positions,0,68", false)</step>
<!-- set to palette Pos 0,68 -->
      <step>ActionScript.SetProperty("Palette.CurrentPaletteHandle",
handle:"Location=Positions,1,71")</step>
      <step>Palette.StoreCurrentPaletteReplace()</step>  <!-- store as
palette 1,71 -->
      <step>Programmer.Editor.Clear(Attribute.Mask.Clear.Value,
Programmer.Editor.Fixtures.Clear.Presets,
        false, Expert.ClearMenu.FadeTime)</step> <!-- clear -->
      <step>Group.RecallGroupNumeric(17)</step> <!-- recall group #17 -->
      <step>Palette.ApplyPalette("Location=Positions,0,69", false)</step>
<!-- set to palette Pos 0,69 -->
      <step>ActionScript.SetProperty("Palette.CurrentPaletteHandle",
handle:"Location=Positions,1,72")</step>
      <step>Palette.StoreCurrentPaletteReplace()</step>  <!-- store as
palette 1,72 -->
      <step>Programmer.Editor.Clear(Attribute.Mask.Clear.Value,
Programmer.Editor.Fixtures.Clear.Presets,
        false, Expert.ClearMenu.FadeTime)</step> <!-- clear -->
      <step>ActionScript.SetProperty.Boolean("Programmer.BlindActive",
false)</step> <!-- exit blind -->
      <step>Programmer.SetBlindMode(false, 0)</step>
    </sequence>
  </macro>

  <macro id="UpChaseMove" name="Up Chase Move">
    <!-- This shifts palettes 1,60~69 in pairs. -->
    <sequence>
<step>Handles.SetSourceHandleFromHandle(Handles.GetHandle("Positions",0,69))
</step>
      <step>ActionScript.SetProperty.Enum("Handles.OperationMode",
"move")</step>
      <step>Handles.CopyDestination("Positions", 89)</step>
      <step>Handles.ClearSelection()</step>

<step>Handles.SetSourceHandleFromHandle(Handles.GetHandle("Positions",0,68))
</step>
      <step>ActionScript.SetProperty.Enum("Handles.OperationMode",
"move")</step>
      <step>Handles.CopyDestination("Positions", 88)</step>
      <step>Handles.ClearSelection()</step>

      <!-- add more pairs to shift palettes here, see full file
    </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 multiple steps are briefly explained inline. It is best understood wirht e applications hints below:

- a chaser should be created which toggles fixture group #17 between palettes #71 und #72
- various palettes should be stored as palettes #60~69, with the even numbers being something like 'foreground' and the odd numbers something like 'background'
- the macro `Up Chase Move` cycles through these palettes in pairs, in a way that palette #68 always contains a 'foreground' palette and #69 is always the corresponding 'background' palette. You may apply this macro multiple times. The funtions sued to move a paletted are similar to moving a chase handle.
- finally the macro `Up Two Change` toggles to blind, copies the contents from palette #68 to #71 and #69 to #72, and exits blind mode. This can be looked at in ColourChaseChanger (V2).

> ⇒ Jonas Nijs's ColourChaseChanger(v2) macro is very very useful. But it's a little uncomfortable to use in busking show, becuase it need some step to copy palettes. So I made a macro which circulate 8 palettes with one button. If you wan to circulate 10 or more, you can edit it.

How to use it

1. make this macro available
2. Using fixture group #17, create a chaser which oscillates between position palette 1,71 and 1,72.
3. Fire UpChaseMove (possibly a few times) so select another pair of palettes.
4. Fire UpTwoColorChange to make these palettes used in the chase.

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