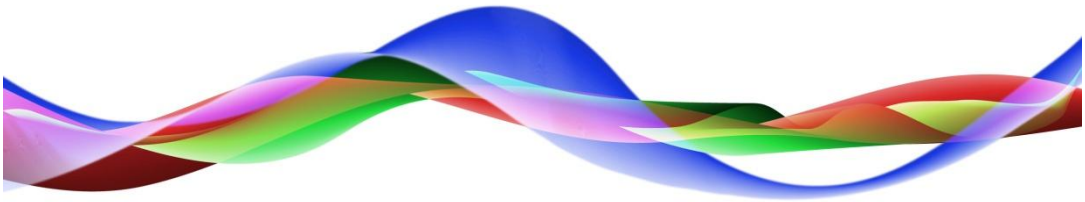
LSB
Broadcast Technologies GmbH

17 UMDs

vsmStudio

Manual



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Content

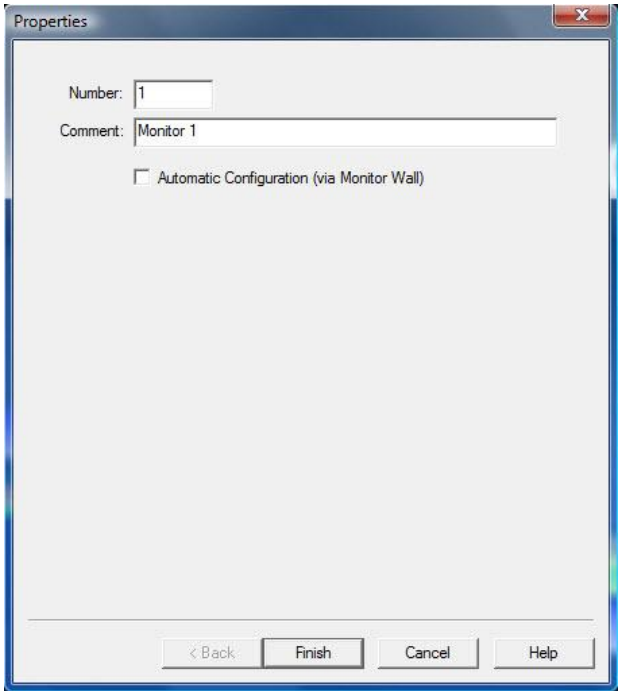
UMD configuration

To open the configuration for hardware Under Monitor Displays (UMDs), select the indicated icon in the main menu.

1 New UMD

Creating a new UMD

This will open the *Monitor Display* window. Right-click into it to start the set-up of a new UMD. Any already existing UMDs are listed in this view as well.



Entering UMD properties

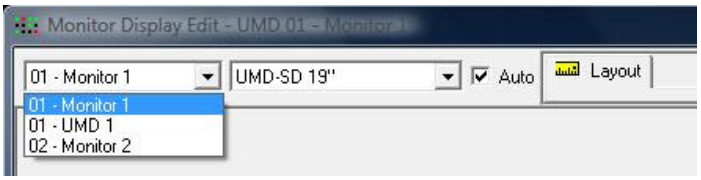
In the window *Properties, e*nter an ID and a name for the UMD in the fields following *Number* and *Comment*, respectively. The ID has to correspond with the hardware ID that can be defined with the rotary control on the back of the UMD. For the configuration of a monitor wall

to which the UMD belongs, the UMD settings can be set-up automatically through the attribute *Automatic Configuration (via Monitor Wall)*.

The created UMD will appear in the list and can be opened for further editing by double-clicking onto it.

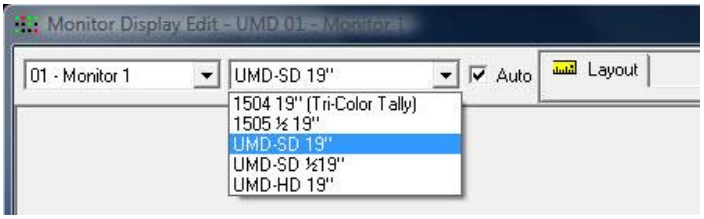
2 Monitor Display Edit

In the top left of the *Monitor Display Edit* window, the UMD that is to be edited can be selected through a drop down menu.



Selection of the UMD in the edit window

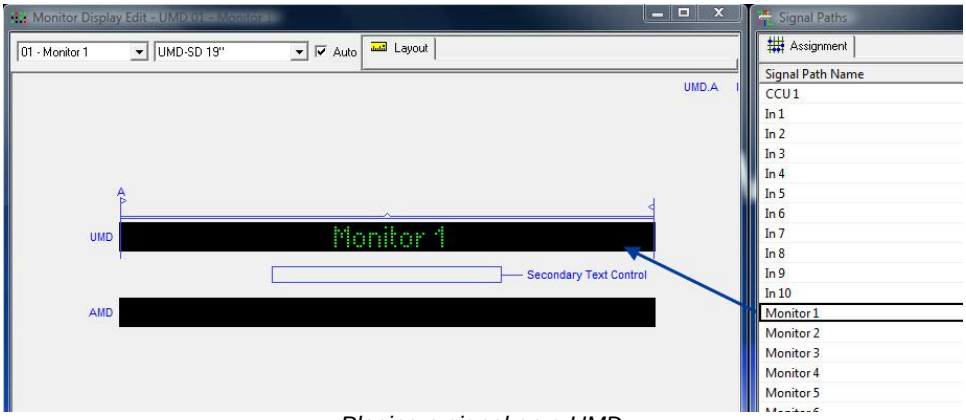
In the drop down menu directly to the right, the hardware UMD to be configurated can be chosen: 19”, ½ 19”, SD or HD.



Selection of the hardware UMD

The ticked box beside *Auto* directly to the right determines automatically the size of the UMD and can therefore be ignored.

3 Display of a Signal Path



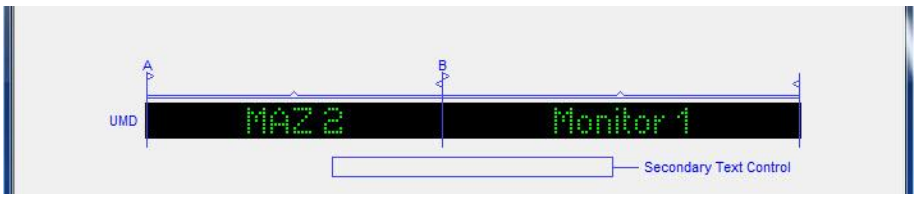
Placing a signal on a UMD

Through the edit view, it is possible to choose which signal will be displayed on the UMD. To do so, drag and drop the relevant signal from the master matrix (see chapter 6) or the signal path list (see chapter 5.1) into the UMD line.

4 Creating and Editing Segments

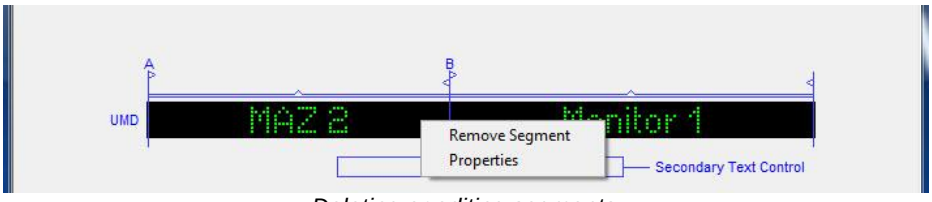
Scaling and setting-up segments

The small arrows above the UMD line can be used to change the size and orientation of the displayed segments. To add additional segments, right-click into the UMD.



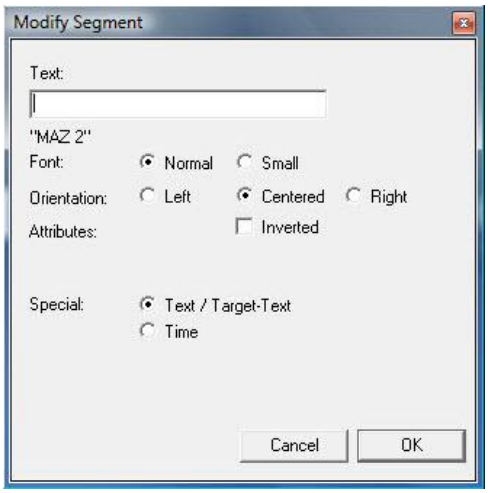
Two signals on UMD

These segments can be equipped independently with different signals.



Deleting or editing segments

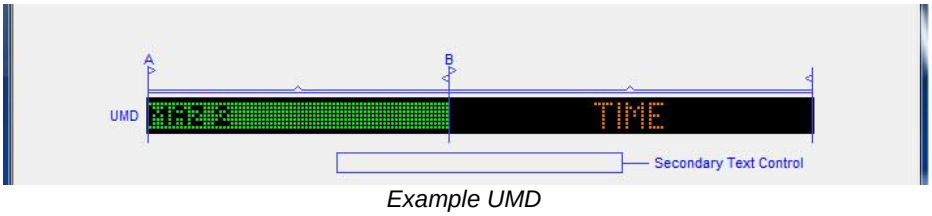
A segment can be deleted or its properties edited by right-clicking on it.



Defining segment properties

In the window *Modify Segment*, different attributes concerning the font on the UMD can be edited:

- A static text can be entered in the field beside *Text*. This text will be displayed on the UMD and overlays the signal.
- The font size can be set to *Normal* or *Small*.
- Under *Orientation*, the position of the displayed text in the relevant segment can be defined.
- Set the checkmark in front of the attribute *Inverted* to invert the font. It will then be displayed with a negative colour theme.
- Under *Special*, it is possible to define whether (target specific) font or the time should be displayed.



Example UMD

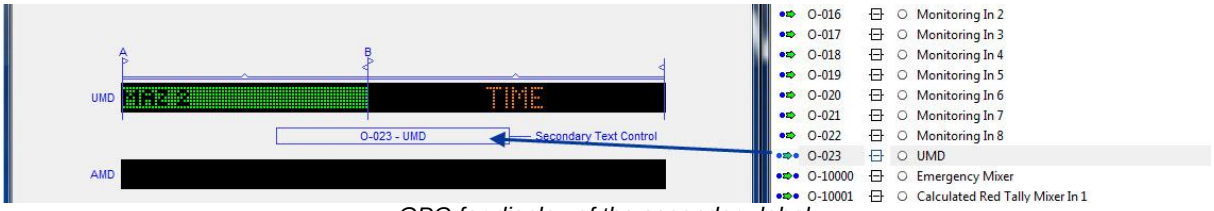
The screenshot shows an example configuration for a UMD that inverts a target in small font oriented to the left in segment A and shows the time in segment B.

5 Displaying a Timer

A timer can also be displayed on a UMD (see chapter 13.5 Timer on UMDs). To do so, drag and drop the timer into a UMD segment. The timer display thereby orients itself always by the timer's current status (stop, run, reset, etc.).

6 Displaying Secondary Labels

Generally, a UMD shows the primary label. To display a different label, it is necessary to use a GPO that will switch between primary and secondary label. To do so, create a GPO and drag and drop it from the GP-I/O list (see chapter 15.2 New GP-I/O) into the field *Secondary Text Control*.



GPO for display of the secondary label

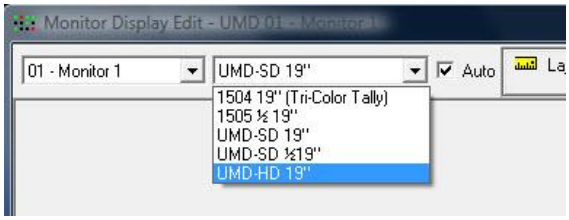
When the GPO becomes active, the UMD switches to the secondary label. As soon as the GPO is deactivated, the display jumps back to the primary label.

7 New AMD

The AMD line below the UMD can only be used by one signal. Additional segments cannot be added. All other settings can be configurated analogously to those described for the UMD line above.

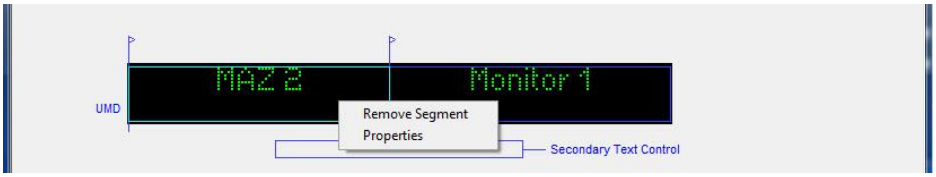
AMD configuration

8 Configuration UMD-HD



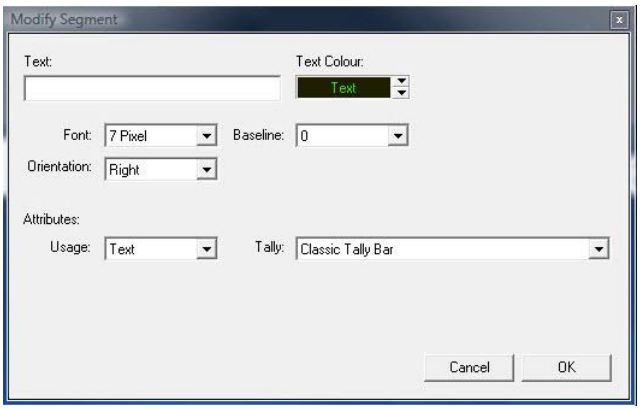
Switch to UMD-HD

Even though the display deviates slightly from that of the UMD-SD, a UMD-HD is generally configurated like a UMD-SD. To switch between the two, use the drop down menu at the top of the screen.



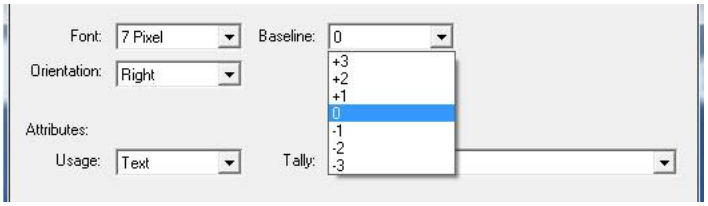
UMD-HD

There are, however, a number of additional attributes available for the UMD-HD.



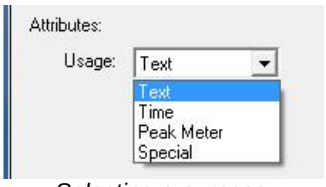
Editing a segment

Under *Text Colour*, the font colour can be changed between red, yellow, and green colours and shades. There are four different font sizes available, specified in pixels. The option *Baseline* allows changing the vertical position of the text.



Vertical adjustment of the text

Orientation defines the positioning of the font in the segment. Under *Usage,* the purpose of the UMD is determined, meaning whether it serves the display of a text, of the time, of a peak meter, or of another special function.



Selecting a purpose

Moreover, the display of tally, for example as text or traditionally with tally bars, can be specified.

Tally settings

9 Monitor Walls

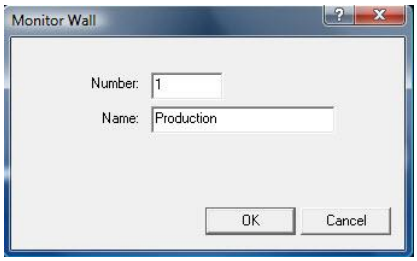
Configuration of monitor walls

To open the window in which monitor walls can be created, select the indicated icon in the main menu.

9.1 New Monitor Wall

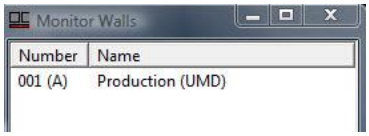
New monitor wall

Right-click into the *Monitor Walls* window in order to start setting up a new monitor wall.



Setting-up a new monitor wall

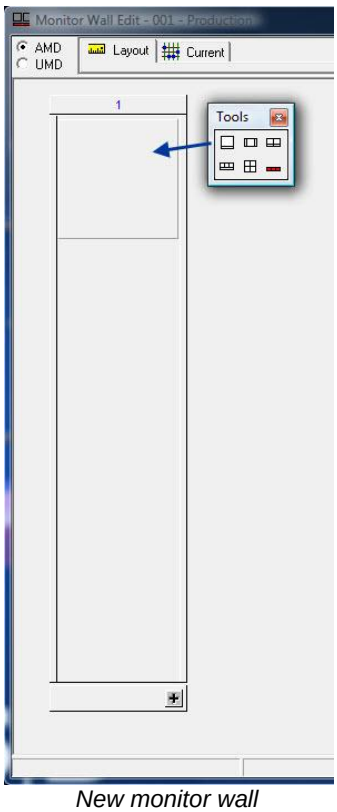
Similar to the set-up process of UMDs, an ID and a name have to be entered for the new monitor wall. Subsequently, the monitor wall will be shown in the *Monitor Walls* window.



Set-up monitor wall

Open the *Monitor Wall Edit* window by double-clicking onto the relevant monitor wall. There, the monitor wall can be edited. Editing is only possible in the *Layout* view, while the *Current* tab only serves to display the monitor wall.

It is possible to choose between UMD and AMD in the top left of the edit window. If a UMD is set-up between two monitors, the assignment changes automatically.

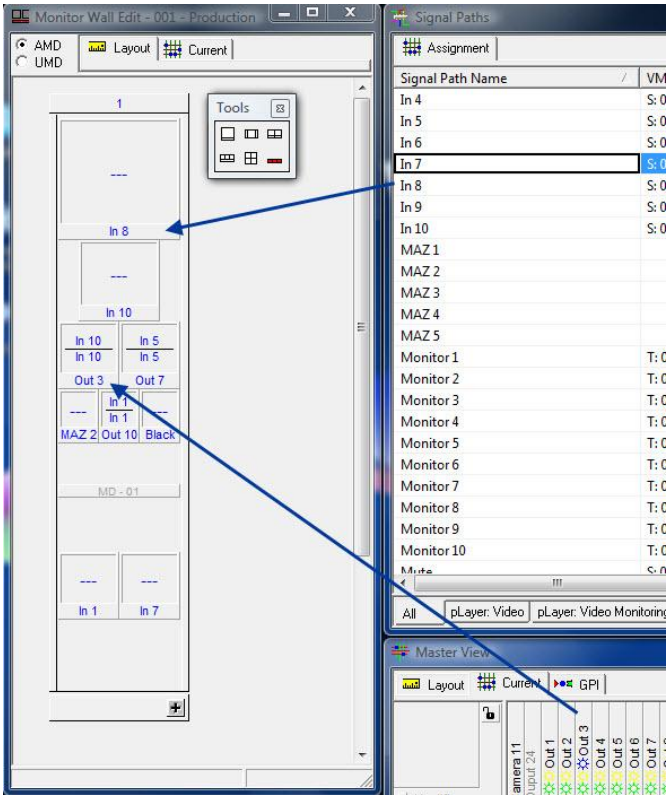


New monitor wall

Any required monitors, such as a quad split or a dual monitor, can be dragged from the toolbox into the monitor wall.

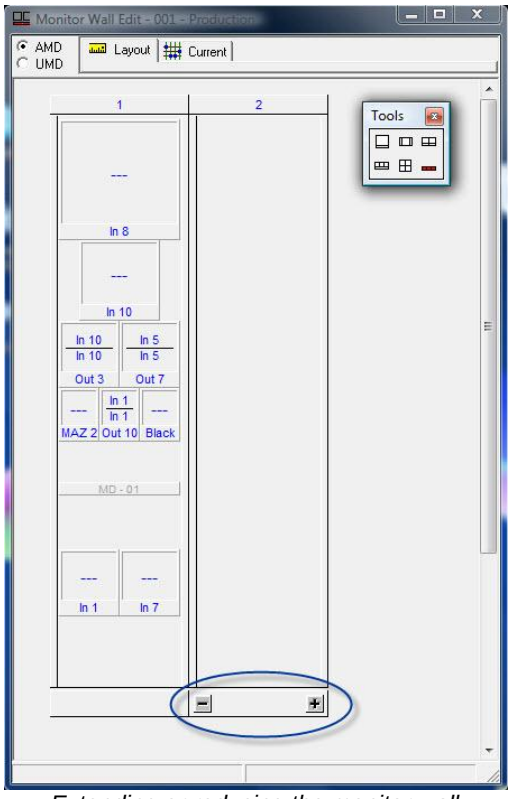
9.2 Display of Signal Paths

Next, the signal paths are dragged and dropped from the signal path list (see chapter 5.1) or the master matrix (see chapter 6) into the created monitor segments.



Placing signal paths onto a monitor wall

The indentifier (see chapter 5.2.1 Signal Path Name) as well as the secondary label (see chapter 5.25 Labels) of the signal are displayed on the monitor.

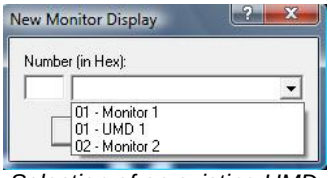


Extending or reducing the monitor wall

Using the plus and minus symbols, the monitor wall can be extended or reduced by a field.

9.3 Displaying UMDs

UMDs on which the signal switched onto the corresponding target is shown can also be placed on the monitor wall. During the set-up of a UMD, a window opens in which an already existing UMD can be selected.



Selection of an existing UMD