

RDU1700 configuration

The RDU1700s series UMDs are backwards compatible with RDU1500 if they are configured in the Tally System Console as type "Tri-Color Display (RDU-1500)".

To use the additional features of the RDU1700s (up to six sections configurable to operate on either top, bottom or full vertical justification) configure them as "Tri-Color high-Resolution Display (RDU-1700)" and create each RDU1700 UMD as *two* UMDs in the Tally System Console.

The first UMD must have "A" appended to its serial number and the second UMD must have "B" appended to its serial number. The "A" UMD sets text for the top line of the display, and its three sections correspond to left, middle and right sections on the top line of the RDU1700. The "B" UMD takes care of the bottom line. The two UMDs need to have unique names just like any other UMD, and are usually set with the same name with "A" and "B" appended.

Note that RDU1700s may not be mixed with RDU1500-series UMDs or LVX4/VXV4 UMDs on the same port.

For example to set up an RDU1700 with serial number 12345, which we will call UMD01 (quotes are not included when typing text given below):

1. Click on "Display Unit" => "Configure" to get the "Configure Display Units" dialog.
2. Type "UMD01A" in the "Name" field.
3. Click "Add" to get the "Add Display Unit" dialog.
4. Type "12345A" into the "Serial #" field of the "Add Display Unit" dialog.
5. Click OK to close the "Add Display Unit" dialog.
6. Type "UMD01B" in the "Name" field.
7. Click "Add" to get the "Add Display Unit" dialog.
8. Type "12345B" into the "Serial #" field of the "Add Display Unit" dialog.
9. Click OK to close the "Add Display Unit" dialog.
10. Click "Close" to close the "Configure Display Units" dialog.
11. Click on "Display Unit" => "Select" to get the "Select Display Unit" dialog.
12. Select the "UMD01A" UMD and click "OK".
13. Click on "Section" => "Widths" and press either "1", "2" or "3" to set either a single, dual or triple top line respectively.
14. Press Enter.
15. Repeat steps 11-14 to set the number of sections for UMD01B, the bottom line of the new RDU1700 UMD.

The UMD can now be configured in similar manner to an RDU1500, either clicking on the middle of the display and typing text directly into the display, or by typing text into the "Detail" section of the "Configure Display Units" dialog.

The number and location of sections on the UMD are set at the factory and the information entered into each section is determined by this pre-programming. However it is possible to re-program the UMD layout by entering a special control string into each section of the UMD.

For example:

```
sv(*DE,T/1/160)12345678 TEST 87654321
```

The text after the closing parenthesis is just text that will be display verbatim in the UMD. The control string before the displayed text locates the display section in the top line, starting with the first column, occupying 160 columns (the entire width) of the display. The "T" specifies that the top line is being formatted, "1" specifies the section start column and "160" specifies the number of dot columns occupied by the section. There are 160 dot columns in an RDU1700 display.

Other examples of the section formatting control string are:

```
sv(*DE,B/80/80)
```

This would configure the section to take up the right half of the bottom ("B") line (start at column 80 and occupy 80columns).

```
sv(*DE,F/1/160)
```

This would configure the section to take up full ("F") height and width of the display.

To use full-height characters, set a font code of "-2" and intersperse text with the pound "#" sign:

```
AF(-2)#C#A#M#-#6
```

Will show "CAM-6" in full-height characters.