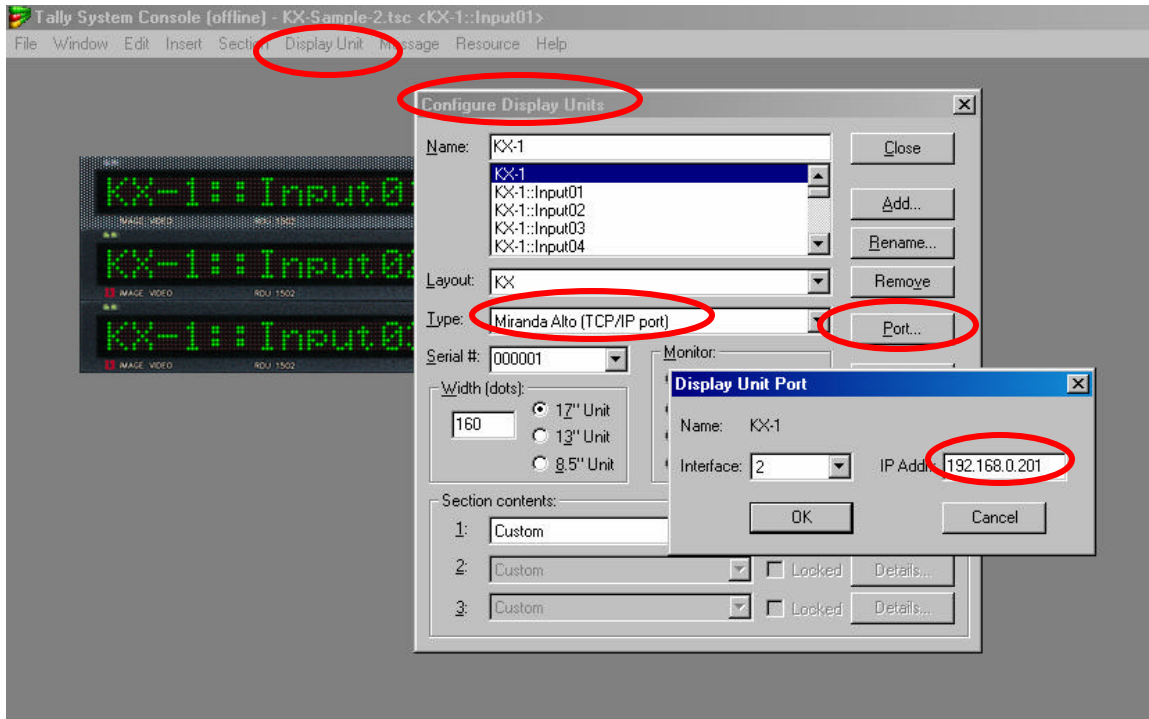


SAMPLE TSI1000 SETUP FOR MIRANDA KX

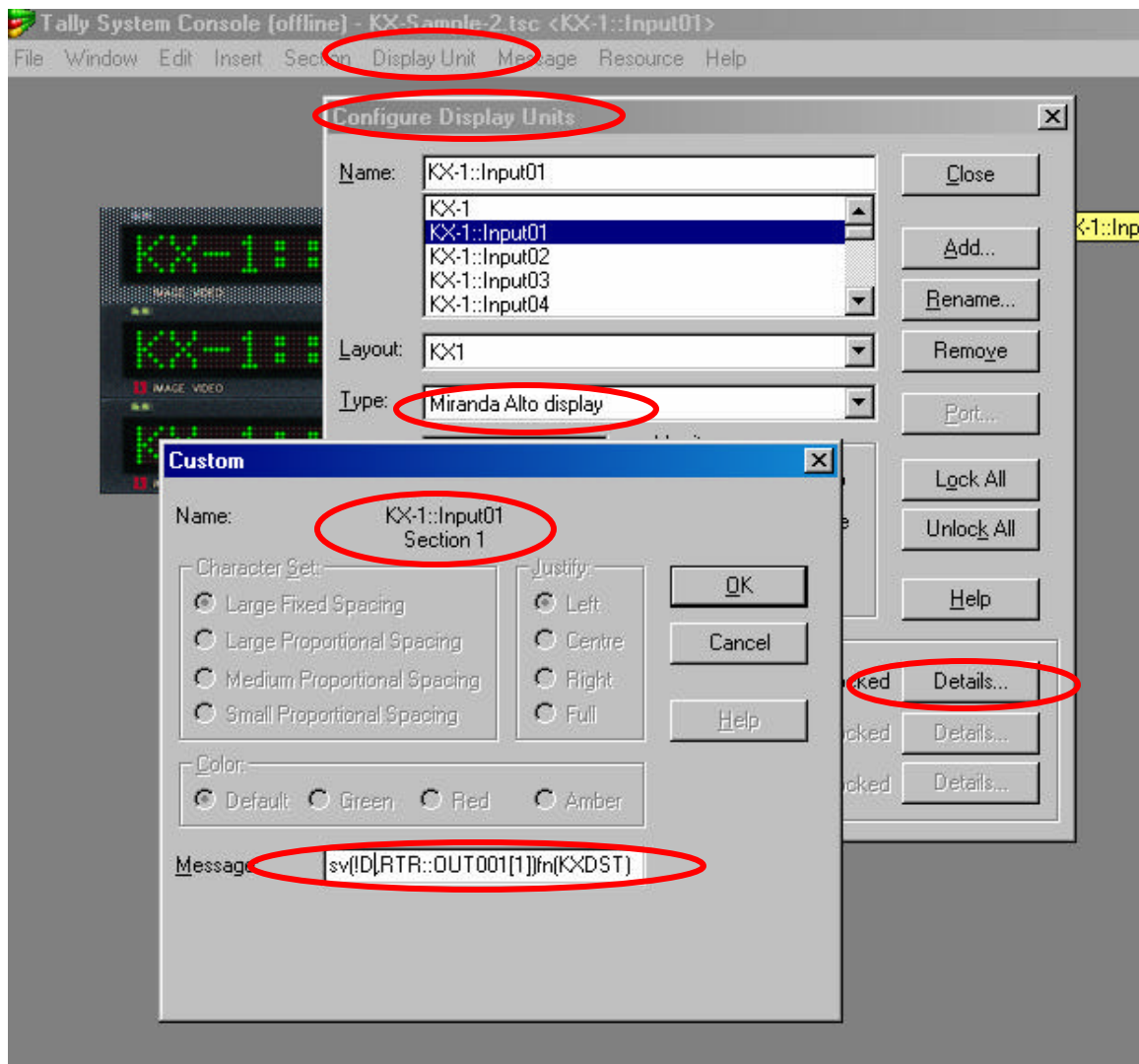
See Tally System Console file “KX-Sample-2.tsc”. The following is brief description to outline the principles as to how an Image Video tally system could be configured in the Tally System Console to operate with the Miranda KX.

Confiuring KX IP addresses



The Configure Display dialog is where the UMDs get set up. The “Name” list contains all of the UMDs. For each IP address there one display of “Type” - “Miranda Alto (TCP/IP port).” Clicking on that display in the name list and clicking on Port will take you to the sub-dialog where you can set the KX IP address. For each IP address (i.e. for each KX frame) you will have one of these “Miranda Alto (TCP/IP port)” displays.

Configuring KX UMDs



Displays of Type “Miranda Alto Display” contain the actual UMD programming. Note that the name of each of these displays have a prefix that matches the name of the “Miranda Alto (TCP/IP port)” display. This relates each UMD in the list to the IP address through which they are updated. The last digits of the name (e.g. KX-1::Input01 has ending digits 01) is the Gateway address for the UMD entered into the KX setup. The Details button gives you the “Custom” dialog box and its “Message” field which contains the UMD programming. Just typing some random text in this field and closing the dialog boxes should be enough to get text to show up in the KX.

The control expression shown in the screen shot above will cause the UMD to should the source selected on router output OUT001[1]. The formatting and content of the output name depends on the type of router.

For each of your KXs you will have one display of type “Miranda Alto (TCP/IP port)” display and a number of displays of “Miranda Alto Display” type. In each case the displays of “Miranda Alto Display” will have prefixes matching a display of type “Miranda Alto (TCP/IP port)”.

For example if you have two KXs then you would have “Miranda Alto (TCP/IP port)” displays called (for example) “KX-1” and “KX-2”, each with a different IP address. You would also have displays:

of “Miranda Alto Display” type called **KX-1::INPUT01**, **KX-1::INPUT02**, etc.

and also displays:

of “Miranda Alto Display” type called **KX-2::INPUT01**, **KX-2::INPUT02**, etc.

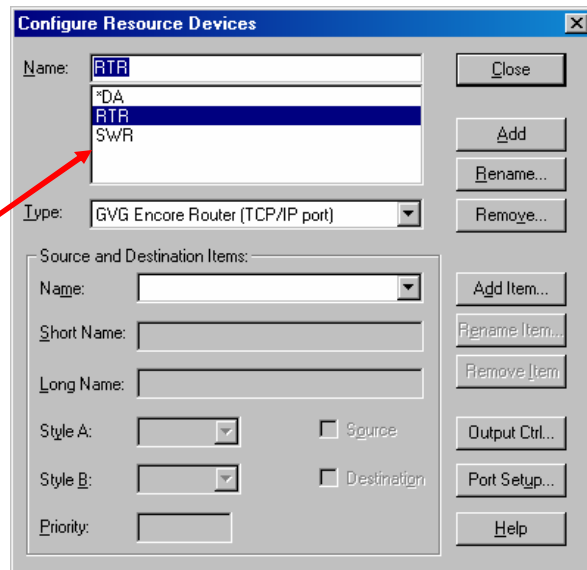
which would contain your UMD programming.

KX control expressions

Some typical control expressions for programming the KX UMDs are:

```
sv(!D,<router output>)fn(KXSDST)
sv(!S,<router input>)fn(KXSRC)
sv(!TXT,<text>)fn(KXTXT)
```

<Router output> and <Router input> is the name of an router or switcher input or output in Image Video Double Colon format, where a pair of colons separates the name of the routing / switching device from the name of the input or output.e.g. RTR::001[1] or SWR::1. In these examples RTR or SWR would be the name of the “resource device” programmed in the “Resource” > “Device” dialog box of the Tally System Console. For routers there is usually a trailing square-bracketed level name / number. This is all router or switcher – type dependent, but looking for the router or switcher type in the Tally System Console online help will give further details



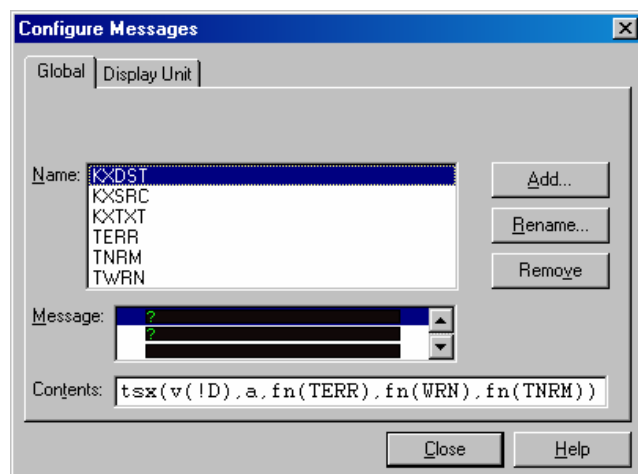
Examples:

Sv(!D,RTR::001[1])fn(KXDST) shows the source on router “RTR”, output 1 on level 1. If the displayed source is on air the KX “Error” alarm level will be activated. If the displayed source is on the preset bus the KX “Warning” alarm level will be activated. Otherwise the KX “OK” warning level is activated.

Sv(!S,SWR::1)fn(KXSRC) shows the name of switcher input 1 source on production switcher “SWR”. The handling of KX warning level is the same as described in the example above.

sv(!TXT,”HELLO WORLD”)fn(KXTXT) will show “HELLO WORLD” in the KX display. Just typing “HELLO WORLD” directly into the Message field of the Detail dialog shown above would have the same effect.

The functions KXSDST, KXSRC, and KXTXT are custom functions which can be found in the Tally System Console at Message > Configure. Details on the TSX and TSS functions used therein can be found by pressing F1 in the Tally System Console to get the online help, then searching for TSX or TSS. Also in Message > Configure are custom functions TERR, TWRN, and TNRM which set the warning levels for each tally condition. Image Video Colour code “1” is Miranda warning level “error”, Image Video Colour code “3” is Miranda warning level “warning”, Image Video Colour code “2” is Miranda warning level “OK”.



In the sample configuration, UMDs are configured to show their own names “KX-1::Input01”, “KX-1::Input02”.