Used in conjunction with the TLC-6 Tally Light Controller and any SD NewTek TriCaster™ or VT[5]™ the TL-1 will illuminate LEDs to indicate on which switcher buses an input is active. This is used to inform the camera operator of his cameras status on the switcher. The bright 'Talent' tally can be used to tell the on-camera talent when a particular camera is live.

Alternatly the TL-1 can be used directly with the tally outputs on the NewTek TriCaster Studio™ and TriCaster Broadcast™. When used in this way only the Program LED and the Talent LED will illuminate.

The TL-1 also supports previous Digital Arts tally controllers TLC-3 and earlier but again only the Program LED and the Talent LED will illuminate.

The TL-1 is not for use with the NewTek TriCaster TCXD-300™

Important: The TL-1 is not an Ethernet device it just uses the same type wiring because it is commonly available but *Do not* connect the TL-1 into an ethernet network as damage to the TL-1 or other equipment may occur.

The Tally Light One from metaSETZ can be used in a number of different configurations and it is important that the jumpers be correctly set *before* you plug it in, otherwise the light or other equipment could be damaged. The TL-1 comes factory set for use with the TLC-6.

There are two interfaces on the TL-1 an RJ-45 (Ethernet style) and a 3.5mm phone jack (mini-headphone type). The RJ-45 jack should be used if you are connecting to a metaSETZ TLC-6 Tally Light Controller while the phone jack should be used for directly connecting to the tally outputs on a TriCaster Studio or Broadcast.

Use the jumper wires to configure the multi-purpose jack if you are connecting to a TLC-6 controller Unless you specified otherwise this is the factory setting:
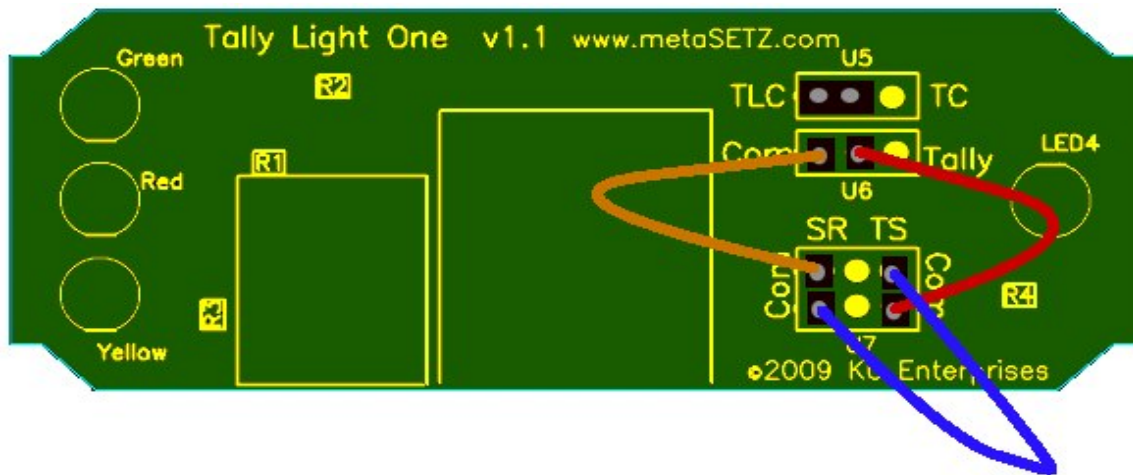

In this mode the four LEDs can be independantly controlled by the TLC-6 and the 3.5mm jack can be used as an intercom or headphone feed for the camera operator. (See TLC-6 manual for details). Connect the TL-1 using the RJ-45 jack and standard Ethernet style cable.

If you are connecting directly to the tally outputs on the TriCaster Studio or Broadcast use these jumper settings:
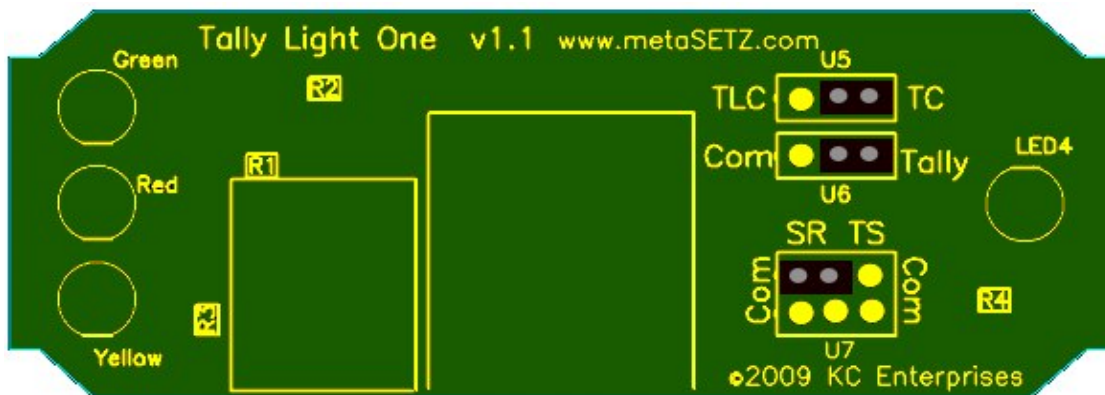
In this mode only the Red 'Program' and 'Talent' tallys will illuminate. If you wish to disable the 'Talent' tally remove the jumper from U5**.** Connect the TL-1 to the TriCaster using stereo 3.5mm plugs. The TriCaster uses the sleeve and ring of the stereo plug.

If you are using a Digital Arts TLC-3 or earlier controller use these settings:
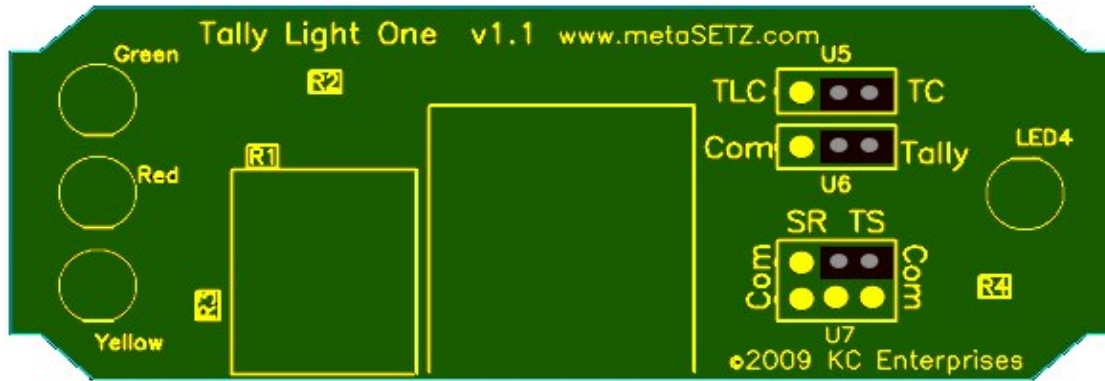
In this mode only the Red 'Program' and 'Talent' tallys will illuminate. If you wish to disable the 'Talent' tally remove the jumper from U5. Connect the TL-1 to the TLC-3 using mono 3.5mm plugs. The TLC-3 uses the tip and sleeve of the mono plug.

How To Work Jumpers
In the old days we would expect that you knew how to do this but it's a new (mostly) jumperless millennium so we"ll explain:
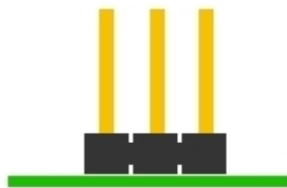
The purpose of the jumper or shorting block is to connect together two pins that stick up from the circuit board. Most of the time there will two (or more) possible "positions" for the jumper giving a choice of which two pins get connected together.
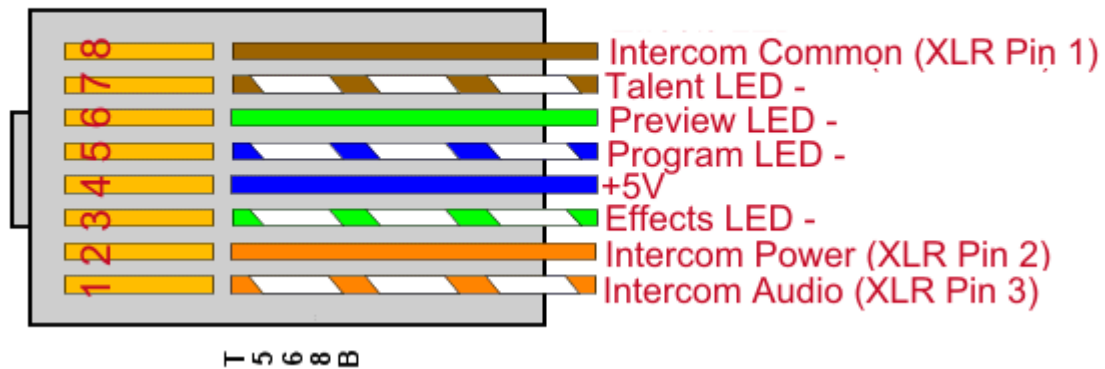

In this case we've connected the center pin and the left pin.

Or we can connect the center pin with the right pin.

Basically jumpers act as a simple switch, the The TL-1 uses four jumpers to configure the multo-purpose jack and to enable or disable the talent LED.

RJ45 Input Wiring Diagram

3.5mm Multi-purpose Jack Wiring Diagram

The multi-purpose jack is used either as the tally input from a TC Studio/Broadcast or as an intercom pass through when the light is connected via the RJ-45 connector to the TLC-6 controller. Use a standard 1/8" to XLR adapter cable to connect to your intercom belt pack.