

metaSETZ TLC-8D

Tally controller for the NewTek TriCaster™



TriCaster Compatibility

The TLC-D controllers are compatible with TriCaster 410, 450, 455, 460, 850, 855, 860 and 8000. It is also compatible with the NewTek IP Series VMC1 and VMC1 IN. It is not compatible with the TriCaster 40 or TriCaster Mini.

Connecting to the TriCaster

The 8D controller is powered via the supplied USB cable. Plug this into any available USB port on your TriCaster. Since the cable is only for power you can alternately use a USB power cube to free up a port on your TriCaster. Also connect the supplied 15 pin cable between the tally ports on the TriCaster and the TLC-8D.

Connecting the Tally Lights

The TLC-8D controller has eight tally ports. These ports correspond to the first eight switcher inputs on your TriCaster. Tally lights can be connected via standard (user supplied) Ethernet style cable such as Cat3, Cat5 or Cat6 with RJ45 connectors. The tally light system has been tested with up to 1000 ft. (304m) but longer cable runs may pick up noise in the intercom lines.

All metaSETZ tally controllers are compatible with all (properly configured) metaSETZ tally lights see the tally light manual for details on the jumper settings. TL-1, TL-XD, TL-2 tally lights and RU-2 relay units can be intermixed freely. Due to limitations of the TriCaster's 15 pin tally port only the two red LEDs will function on the tally light.

Note: While the metaSETZ tally system uses Ethernet style cable because of its low cost and general availability, the devices are not Ethernet based and should never be interconnected with actual networking equipment. Connecting to any such equipment can damage the network hardware or your tally system and is not covered under our warranty.

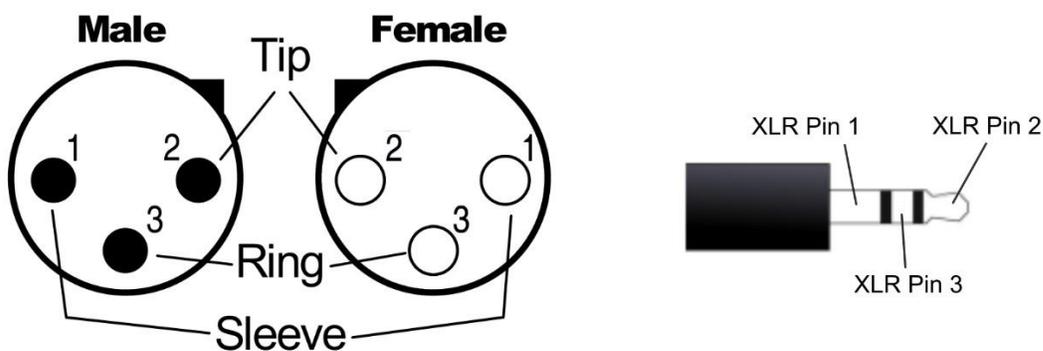
Using the Intercom Pass-Through

The intercom pass-through is compatible with any standard analog, party-line intercom system such as those from Clearcom, Production Intercom or Porta-Com that use three-pin XLR connectors.

The female XLR connector on the controller connects (in parallel) to the 3.5mm phone jack on the tally light. You can connect an intercom belt pack or master station to the XLR and then using 3.5mm to XLR adapter cables connect the camera operator's belt packs into the system. metaSETZ has a pre-wired adapter cable available.

An alternate use of the Intercom Pass-Through is as to a low cost one-way intercom system. Simply plug a mic (for the director) into a spare channel of your mixer and route it via an aux send to a headphone amp then connect headphones to the tally lights for your camera ops.

One caveat is that since the headphones are all wired in parallel the impedance can drop very low. This can cause some headphone amps to distort. We recommend that if you are driving more than two or three of sets of headphones use a Behringer HA4700 headphone amp.



www.metasetz.com

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