

## T2

Electric Friends' Trolley is the central component of an Electric Friends Trolley / Tower / Rail / Trolley Control system.

- Heavy duty design with low center of gravity
- Patented steel wheel on rubber-rail solution secures vertical stability, minimized rubber wear and Rotational stability - using double boogie wheel solution
- Precise security switch-off zones with outer soft-stop zone as well as inner hardware security zone.
- Cable roll-out and recollection mechanism enables invisible Trolley/Tower cabling
- Fault tolerant QR-code based tracking system provides 0.1 mm accuracy
- Built-in fiber color multiplexer provides bandwidth for conventional HD-SDI as well as emerging IP broadcast signals to camera and payload and transports legacy control signals such as TALLY and RS-422 as well as IP-based control.

Please consult Trolley Control Data Sheet FX2 on color multiplex product for details.

All remote controls are Ethernet direct via built-in switch.

Local controls secured in PLC code.

### Technical Data

- Tracking accuracy, rotational 0.1 mm
- Fiber system wavelengths (colors) 8+1
- Tracking update frequency 50 Hz
- Maximum speed 1.8 m/s straight track
- Idle power consumption 85 W
- Fuse / residual current circuit breaker rating 2 A / 30 mA

### Versioning information

It is possible to have 4 T2 Trolleys on one rail line using available cable groves and directions in the rail. In order to avoid re-wiring / re-configuration, please note intended cable direction and grove.

T2, Cable direction and groove seen from scene toward rail line			Fiber multiplexer options.	
-LH	Left	inner groove on outer rail	/2ETH	Additional second Ethernet
-RH	Right			
-LHQ	Left	QR-code groove on outer rail	/3MON	Additional third monitor option
-RHQ	Right			

See Trolley Control Data Sheet, FX of color multiplex structure product for further explanation

Data subject to change without notice. Please consult relevant documents at time of purchase.