

TC2 and FX2

This Data sheet for Trolley Control covers products and systems placed at Server/Control Room side of an Electric Friends Trolley / Tower / Rail line system.

TC2 Server and software features:

- Tracker Software controlling up to four Trolleys with Towers on one rail line
- Sync Card with Gen lock input ensuring position data is synchronized to station clock
- BBC FreeD standard real-time Trolley+Tower+Lens coordinate output to graphics systems
- Intermediate "Control by Partner" (CbP) application program interface
- Adapter software translating a partner proprietary protocol to CbP.
- Technical Operation Manager Web Panel for configuration of Trolleys, Towers, Rail and Adapters.
- Windows 10

Electric Friends recognize that most premium broadcasters already possess camera robot control systems. The TC2 development have therefore focused on adaptation to existing partner proprietary protocols rather than forcing the broadcaster to insert additional joy-stick and touch-panels in the Gallery.

FX2 Fiber Wavelength Multiplexer features:

FX2 is a wavelength (light color) multiplexer/demultiplexer providing bandwidth for conventional HD-SDI as well as emerging IP broadcast signals from camera and monitors. Transports legacy control signals such as TALLY and RS-422 as well as IP-based control. The standard configuration cover:

- Camera video signal (HD-SDI)
- ← Black & burst synchronization
- ← Prompter monitor (HD-SDI) demux
- ← Program monitor (HD-SDI)
- ↔ Ethernet in use by EF
- ↔ Additional wavelength pair available for 2nd Gb/s Ethernet or 3rd monitor signal
- ↔ RS-422 available for broadcaster (e.g. Non-EF lens-control)

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