Troll TouchStar

Master Antenna Controller

TouchStar Control System

TouchStar™ PRO software has the ability to control a variety of devices at geographically diverse locations. It integrates all of the necessary functions onto one panel so the operator has full control of local and remote devices regardless of their venue.

TouchStar™ PRO can be used to control video switchers, routers, microwave transmitters / receivers and various other pieces of equipment with serial or discreet remote interfaces. The system provides a seamless transition from one device to the next by providing a common interface regardless of the manufacturer or vintage of the system. TouchStar™ Master Controllers can be networked, giving users the ability to simultaneously control the system from different workstations.

TouchStar Pro

The TouchStar™ PRO control panel is typically configured to display a large active view of a selected location as well as a real-time snapshot of the other remote sites. For additional convenience, there are built-in presets providing the operator quick access to user defined remote site or camera configurations.

Mapping

TouchStar™ PRO has an optional map-based interface that displays a street-level map of the United States. Operators can place receive sites, vans, trucks and helicopters on the map. The map panel provides an accurate visual picture of the location of fixed and mobile assets in one convenient location. Receive antenna alignment is accomplished by simply selecting the transmitting source and the desired receive site on the map panel and pressing a button to steer the receive antenna to the correct heading. Additionally, the software provides a real time representation of a moving aircraft's location on the map. By

Antenna Controls

- Control equipment at multiple locations
- Control antenna systems, receivers, digital decoders, transmitters, video switchers, routers, etc.
- Track moving vehicles on a street level map
- View real-time video from each remote site

using the mapping panel, the operator can quickly align multiple receive antennas to various different sources on the fly.

Real-Time Video

A Master Controller running TouchStar™ PRO can display a live video signal from each of the remote sites. A locally controlled router provides automatic switching to the "active" receive site as the operator navigates through the software. This feature aids the user in quickly setting up shots by eliminating the need to manually switch video sources. TouchStar™ PRO automatically stores a bitmap image for camera presets in the preset button itself, providing a quick visual reminder of the preset position, which further reduces operator workload. On screen controls over video parameters allow operators to normalize the video as required.

Master Controller, KeyBoard, & Mouse

Troll TouchStar Master Controller

Master Controller

Serial Ports .... 2 RS-232 Port DB9F
2 RS-485 Port DB9F
Parallel Port... 1 DB25M
Network Port:.............................. 10 / 100 Base-T
Input Devices: .PS/2 Keyboard / Mouse, Touchscreen
Sound: .... Speaker Out, Line Out, Line In, Mic In
Master: .... Master Controller

PHYSICAL AND ELECTRICAL

Weight .... 22.8 lbs
Vertical Rack Space....................... 2 EIA Rack Units
Dimensions... Height 3.5"
Width 19"
Depth 17.625"
Input Power........................95-264 VAC Switchable
47-63Hz, 250W Output

ENVIRONMENTAL

Temperature Range:...................... − 20° to + 50°C
(0° to +112°F)

REAL TIME VIDEO OPTIONS

Full Motion Video with Capture........................... Yes
Formats..................................... NTSC/PAL/SECAM
Video Sources.. 1
VGA Resolution .... 800 x 600 to 1280 x 1024 pixels
Connector Type .... RCA Composite / S-Video

17" Flat Panel LCD Monitor

Viewable Area .... 17"
Display Type........................ Flat Panel Active Matrix
– TFT LCD Touchscreen
Resolution .... 1280 x 1024 at 75 Hz

PHYSICAL AND ELECTRICAL

Weight .... 18.6 lbs.
Vertical Rack Space....................... 9 EIA Rack Units
Dimensions..................................... Height 15.75"
Width 19"
Depth 4"
Input Power..........100-200 VAC, 50-60Hz, 65 Watts

ENVIRONMENTAL

Temperature Range: +5° to +35°C (+40° to +88°F)

TouchStar Control Screen

Master Controller Front Panel

Master Controller Rear Panel

www.mrcbroadcast.com