



## Sensor Touring Racks

How do top professionals light touring stage shows, concert extravaganzas or remote broadcasts with the same quality as Broadway theaters? With ETC Sensor Touring Racks – the industry standard.

Hundreds of Sensor Touring Racks in the field have proved themselves the undisputed choice of professionals. ETC Touring Racks feature high density modular design, magnetic circuit breakers, and communication and remote monitoring capabilities. Lighted patch bays and output panels plus flexible connectivity simplify setup.

ETC has filled out its touring line with a new aluminum frame 36 module rack, packing 72 dimmer channels into a lightweight case that is ready for the road.

### Features:

- 24, 36 and 48 module racks
- Dual 1.8kW and 2.4kW, single 6kW and 12kW dimmer modules
- Spare Control Electronic Module option
- Dual DMX512 input/output connectors with switched termination
- Cam-Lok power input connectors
- Stage pin output connectors
- Specify custom output configurations if needed
- Integrated circuit patching panel
- Supports ETCLink system status reporting
- Supports ETC Dimmer Doubling Technology





## General

- SP24 - 24 dimmer slots:
  - 48 1.8 or 2.4kW dimmers
  - 24 6kW dimmers
  - 12 12kW dimmers
- SP36 - 36 dimmer slots:
  - 72 1.8 or 2.4kW dimmers
  - 36 6kW dimmers
  - 18 12kW dimmers
- SP48 - 48 dimmer slots:
  - 96 1.8 or 2.4kW dimmers
  - 48 6kW dimmers
  - 36 12kW dimmers

UL, cUL listed

## Mechanical

- All metal construction - welded rack frame
- Heavy-duty 5 inch 360° swivel casters
- No tools required for module removal or installation
- High efficiency cooling system

- Filtered air intake
- Low-noise fans for quiet operation
- Centrally located Sensor LED status beacon
- Two DMX512 input and pass-through connectors with termination switches
- Recessed worklights for output panel and patch bay illumination

## Electrical

- Standard single or dual Cam-Lok power input connectors (customers have option to specify equivalent connectors)
- Standard multi-pin output connector configurations available - Pyle National, VEAM/Socapex
- One grounded stage-pin connector output per dimmer on 24 and 36 module rack, two per dimmer on 48 module rack
- Integral patch panel for assignment of multi-pin circuits (two outputs per dimmer standard)
- Additional 20A hot pockets and convenience outlets provided with magnetic circuit breakers

## Electronics

- Single plug-in Control Electronics Module (CEM)
- 25-key control pad and 2-line by 20-character backlit LCD
- User displays: Status, Dimmer, Backup, About, and Setup
- Firing mode programmable for normal, switched, Dimmer Doubling, or off
- Default output curve is IES modified square law
- 32 user-programmable backup looks
- Accepts industry standard DMX512 control protocol (two input/outputs)
- Switching DMX512 termination
- Advanced Features (AF) option allows individual dimmer load monitoring
- Supports ETCLink networking for remote monitoring, programming, rack to rack communications, and backup functions
- Control electronics are optically isolated

Update rate is 40Hz; response to control is less than 25 milliseconds  
 Last output is maintained (select 0-5 minutes or indefinitely) if input is interrupted

Troubleshooting is simplified by built-in diagnostic capability

Each dimmer's output is regulated to maintain constant power to the load

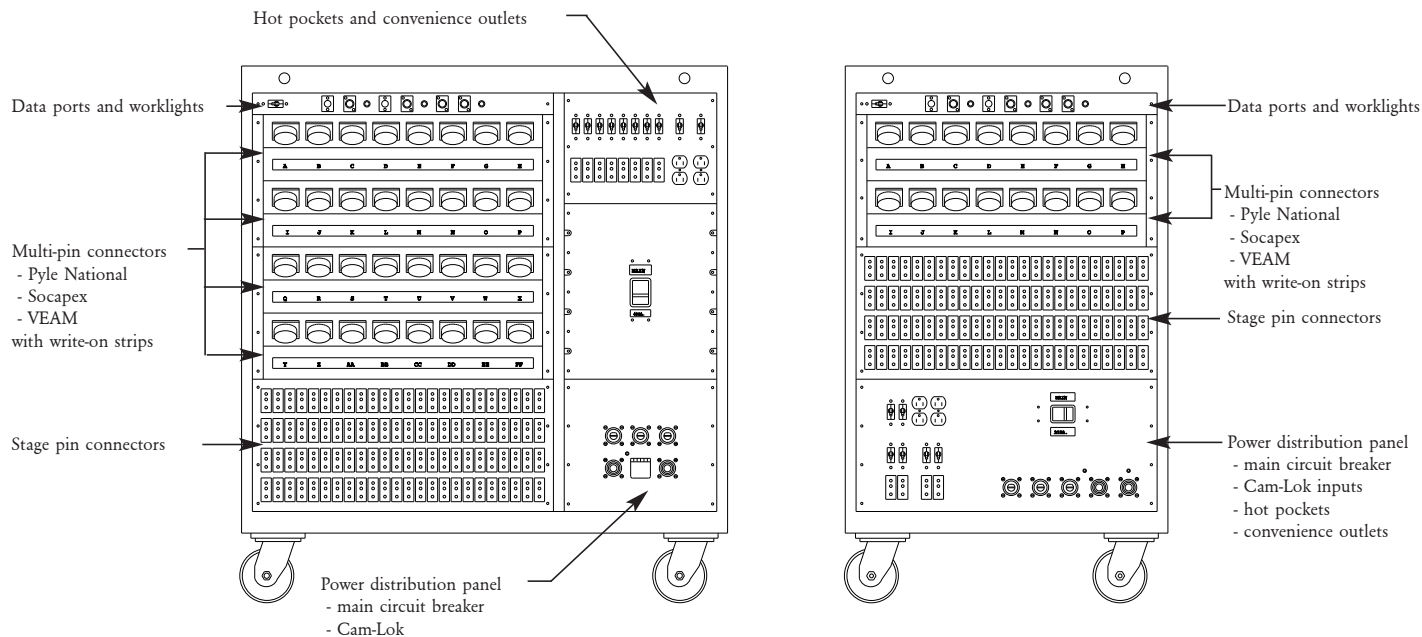
## Options

- Advanced Features (AF)
- Cam-Lok power output connectors
- Custom configurations
- Custom output panels
- Enhanced patch - 4 outputs per dimmer
- Sensor On-Line
- Sensor Handheld Control Unit

Dimensions	
<b>SP24</b>	30"/76cmW, 30"/76cmD, 49.75"/126cmH Weight: 650 lbs*/295 kgs
<b>SP36</b> (aluminum frame)	30"/76cmW, 25"/63cmD, 49.75"/126cmH Weight: 575 lbs*/261 kgs
<b>SP48</b>	45"/114cmW, 30"/76cmD, 49.75"/126cmH Weight: 1,000 lbs*/454 kgs

\*Actual weight depends on type of modules used

## Physical



## Electronic Theatre Controls

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