EC21™

Profession Dimming for the 21st Century

EC21 offers new standards of performance, ruggedness and ease of installation to meet the toughest demands of 21st Century entertainment venues. EC21 is based on a proven Strand design, with over 2 million dimmers installed around the world– solid reliability, day in, day out.

EC21 is flexible – mix and match single, dual, even quad modules, TrueSine™, thyristor, fluorescent, contactors or fillers, in any EC21 rack. We'll design an EC21 system to fit your needs now, and it'll grow with you as those needs change over time.

And EC21 is sophisticated. Strand's TrueSine™ sinewave dimming technology is available in full-density dual modules, at either 3kW or 5kW – with EC21 you don't have to trade space for silence.

EC21's all-new control electronics live right on your ShowNet™ or ACN* control network. The network-centric 16/32-bit RISC processor runs embedded Linux, with a powerful web-based configuration and dimmer reporting system. So you can configure or monitor dimmer performance from a suitable PC, PDA or Strand lighting console.

And EC21 even includes Strand Outlook VN capability at no extra cost – a sophisticated architectural processor in every rack. Just connect up Outlook VN wall stations and you're done. Very New Century – very cool.

Easy Installation

EC21 dimmer racks are easy to install. Power feeds, up to 800amp three-phase, are from above or below, with generously dimensioned buss-bar terminations. All load wires exit the top of the rack, and earthing options are available to facilitate either single or multicore load wiring.

Each control module incorporates an Ethernet switch, allowing the installer effectively to loop the network cable from rack to rack, using standard CAT5 patch cables. There's no need to install an Ethernet switch in the dimmer room, though a Wireless Access Point is recommended, allowing users to access all configuration and reporting features from a suitable PDA or laptop.

EC21's rugged EasyView™ door assures safety and total security while allowing users to easily identify circuit-breaker trips.

EC21 configuration and status reporting is accessible from any wired or wireless network PC or PDA and networked Strand consoles via Web browser.

Report.net, Strand's new Windows-based monitoring software, supports all of Strand's dimming systems. Configuration and status reporting for large integrated systems can be viewed on a single display.