

PORTABLE DIMMER SYSTEMS

EASY WIRING FOR PORTABLE STAGE LIGHTING SYSTEMS

ALL of the portable stage lighting dimmers and controllers are made to connect using standard cables and connections. It's easy as 1...2...3!

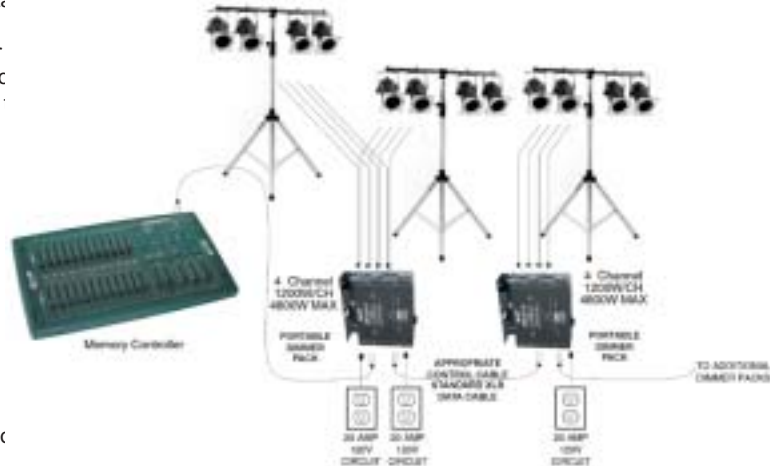
1. Plug your lighting instruments (PAR, Ellipsoidal, Fresnel, etc.) into the dimmer pack standard Edison receptacles.
2. Connect between dimmer packs and the controller using standard XLR-type microphone cables. It doesn't matter which order they are connected as long as they are all connected.
3. Plug the dimmer pack AC power cables into a standard 20AMP, 120v AC circuit.

You're done with the wiring! The controller gets its power from either the dimmers or an external power supply. Start programming the dimmers and setting your lighting scenes.

When connecting electrical equipment it is important to take standard precautions to avoid electrical shock.

PRECAUTIONS:

Do not exceed the dimmer channel or dimmer pack load capacity. Do not use under sized wire cables to connect dimmers or light instruments. **HEAVY DUTY 12/3 EXTENSION CABLES ARE RECOMMENDED.** Do not over load the AC power circuit(s) used to power the dimmers. Usually both outlets on a duplex receptacle are on the same circuit, and often several duplex outlets will be on the same circuit. **Take care to isolate separate circuits when connecting dimmers to AC power.**

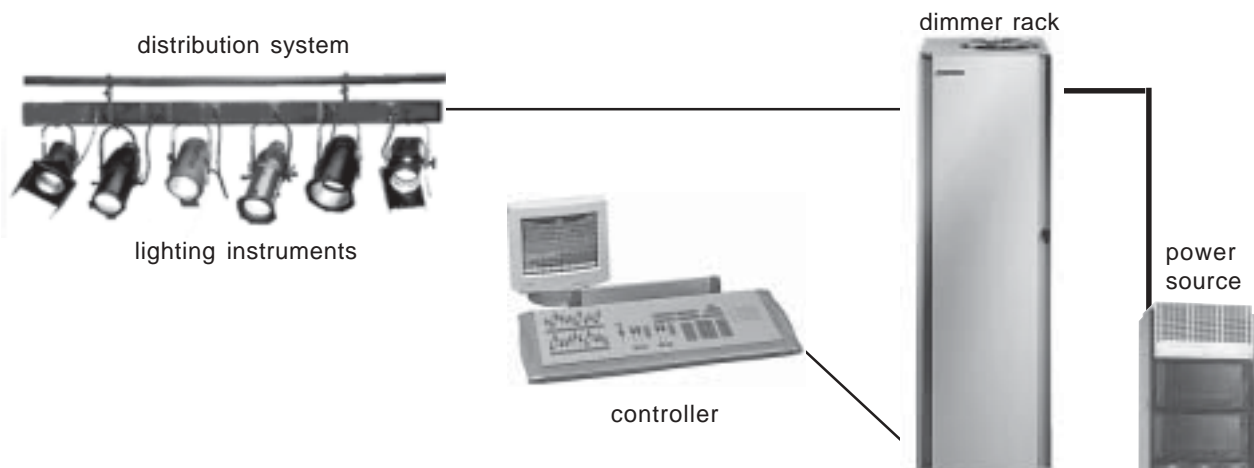


PERMANENT DIMMER INSTALLATION

A basic dimmer system is composed of five components; a controller, a dimmer rack or pack, the lighting instruments, a distribution system and the power source. The **power source** is usually part of the building and provides electricity to the system. The **distribution system** is the wiring that the **lighting instruments** are plugged into. In large systems the wiring is in conduit or connector strips over and around the performance area. The **dimmer rack**, contains the dimmers which control the flow of electricity through the distribution system to the lights making them bright or dim. Dimmer racks contain multiple dimmers, each dimmer being referred to as a dimmer channel or circuit. The **controller** sends electronic signals to the dimmers specifying the amount of electricity to flow to the lights.

Contemporary "memory" controllers permit the operator to store lighting cues in the controllers computer memory. Some controllers will record the memory data to a disk so the show can be stored as a backup in a safe place.

Both permanent and portable dimming systems are designed with the above elements. The size and complexity of the systems are determined by the venue, the use and the budget.



ELATION DIMMING AND CONTROL



DP-640 DMX DIMMER PACK

This 6 channel hybrid DMX pack serves as a dimmer or power pack.

- Two three prong Edison sockets per channel
- 3 pin XLR DMX input and output
- Power Input - 12AWG cables with 15A plugs - 120v
- Maximum Load - 10A per channel/20A per phase - 40A total with 20A plugs

500-050 Elation DP-640 DMX Dimmer Pack



DP-DMX20L DIMMER PACK

4 Channel DMX Dimmer Pack

- Two three prong Edison sockets per channel
- 3 pin XLR DMX input and output
- LED Display
- Power Input - 120v
- Maximum Load - 10A per channel/20A Total

500-035 Elation DP-DMX20L Dimmer Pack



DP-415 DIMMER PACK

Versatile compact 4-channel dimmer pack that also doubles as a switch pack. The built-in hanging bracket is reversible to hang on truss or can be used with a clamp.

- Two three prong Edison sockets per channel (8 total)
- XLR In/Out
- 10-position dip switch settings to address DMX
- LED "on" indications
- Maximum Load - 5A per channel/15A Total

500-020 Elation DP-415 Dimmer Pack

UNI-PAK II DIMMER PACK

One Channel DMX Dimmer Pack with LED display
Maximum power: 10A

500-065 Elation Uni-Pak II Dimmer Pack



ELATION SHOW DESIGNER 3 CONTROLLER

This full size universal DMX controller offers you both power and flexibility for all your programming applications. The Show Designer 3 makes programming simple and fast. A compact flash drive makes backing up programs, adding fixture profiles and software updates a snap.

- 3 Universe Outputs with 3 & 5 pin connectors
- 1536 Total DMX Channels
- Control 128 Conventional dimmers
- Effect generator to create chase effects
- 1152 Programmable Chases
- 4752 Programmable Scenes
- 1152 Programmable Shows
- 1152 Programmable Presets
- Control 48 moving light fixtures of up to 32 channels each
- 48 Fixture groups
- Fade times up to 90 minutes
- Run 16 chases simultaneously
- Run 17 shows simultaneously
- 8 faders allow control of 32 DMX fixture channels or as 32 scene masters
- Easily name scenes, chases or shows using standard computer keyboard. (not included)

560-180 Elation Show Designer 3 Intelligent Controller



ELATION SHOW DESIGNER 2CF CONTROLLER

Intelligent DMX Controller with Compact Flash Drive

- 2 Universe Outputs
- 1024 Total DMX Channels
- Large Fixture Library
- Effects Engine
- 1152 Programmable Chases
- 4752 Programmable Scenes
- 1152 Programmable Shows
- 1152 Programmable Presets
- Control 48 moving light fixtures of up to 32 channels each
- 48 Fixture groups
- 8 faders allow control of 32 DMX fixture channels or as 32 scene masters
- 1 MB Internal memory
- Easily name scenes, chases or shows using standard computer keyboard. (not included)

560-170 Elation Show Designer 2CF Intelligent Controller

ELATION CONTROLLERS



SCENE SETTER 24 CONTROLLER

24 Channel DMX Dimming Console

- 4200 programmable Scenes- password protected
- 48 programmable Chases- password protected
- Single & Mix Chase functions
- Blind & Dark functions
- 24 individual channel faders
- 24 bump buttons
- A / B Master Faders
- Independent Speed & Fade control
- Full-On button for 100% momentary output to all 24 channels
- Audio input and built in microphone for music sync functions
- Audio level fader
- Midi In, Out & Thru connectors

560-110 Elation Scene Setter 24 Controller



STAGE DESK 16 CONTROLLER

16 Channel DMX Programmable Dimming Console

- 8 built in Chases
- 16 programmable Chases - 100 steps each
- 16 individual channel faders
- 16 bump buttons
- A / B Master Faders
- Independent Speed & Fade control
- Full-On button for 100% momentary output to all 16 channels
- Audio input and built in microphone for music sync functions
- Audio level fader
- Midi In, Out & Thru connectors

560-105 Elation Stage Desk 16 Controller



STAGE SETTER 8 CONTROLLER

16 Channel DMX Stage Lighting Console

- 3 different operation modes - 2x8, 8x8 or 1x16
- 8 programmable Chases - 30 steps each
- 16 individual channel faders
- Full-On button for 100% momentary output to all 16 channels
- Midi In, Out & Thru connectors

560-100 Elation Stage Setter 8 Controller



STAGE PAK 1

Stage Lighting Controller Package includes:

- 1 Stage Setter 8 Console
- 2 DP-415 Dimmer Packs
- 2 XLR Cables

500-000 Elation Stage Pak 1 Controller Package

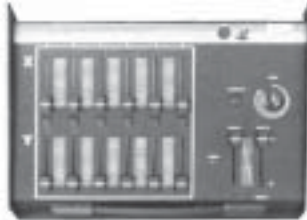
**We Package Lighting and Dimming Systems.
Mail or FAX your specifications.
If you would like assistance in
planning your system, give us a call.**

DOVE SYSTEMS

**SPECIAL INTERNET PRICES
ON DOVE SYSTEMS
AT OUR WEBSITE!**

SCENEMASTER 6

This dimmer/controller contains six 1000 watt dimmers in one package. The controller has a 2-scene preset, split crossfader, blackout switch, bump buttons, and 2 outlets per dimmer. It requires two 20 amp power input cables. This dimmer is the most durable, reliable, and economical we've found in this price range. It's ideal for schools, churches, and small bands.



- 500-106 Scenemaster 1, dual U-ground out
- 500-113 Scenemaster 6, dual U-ground out
- 500-115 Scenemaster 6, dual Stage-Pin out

DIMMERMASTER SHOEBOX DIMMER PACKS

Compact and designed to be hung in the lighting grid. Features LED channel indicators, load testing, and local control. May be daisy-chained from pack to pack.

- 500-122 Mini Shoebox 124 1x2.4KW
20A TL input, Dual SPG out
- 500-120 Mini Shoebox 406 4x1KW, 2.4KW max
15A UG input, 4 U-ground out
- 500-124 Mini Shoebox 406 4x1KW, 2.4 KW max
15A UG oinput, 4 SPG out
- 500-118 Mini Shoebox 410, 4x1KW, 4KW max
30A TL input, 4 U-Ground out



124 Wall Mount



412 Wall Mount

DIMMERMASTER COMPACT WALLMOUNT DIMMERS

These compact wallmount dimmers fit in a standard 8"x8"x4" screw cover enclosure (not included).

The Dimmermaster 124 has one 2.4 kW dimmer.
The Dimmermaster 412 has four 1200W dimmers.

The units accept DMX-512 control and analog 0-10VDC control. The starting channel is set on a thumbwheel switch, which also provides load testing and local control. A status LED indicates the presence of a DMX control signal. Each channel is protected by a circuit breaker conveniently located on the front panel for quick access. All power and control connections are made on terminal blocks.

- 500-125 Dimmermaster 124 Wall Mount
- 500-126 Dimmermaster 412 Wall Mount



DIMMERMASTER 624

Compact, reliable, and rugged 6 channel, 2400 watt dimmers are ideal for budget minded institutions who are interested in excellent quality. Equipped with heavy duty RFI chokes, LED channel indicators, 0-10 volt control, and are rack, wall, or truss mountable.

- 500-130 Dimmermaster 624 - TB
- 500-131 Dimmermaster 624, U-ground out
- 500-132 Dimmermaster 624, Stage-Pin out
- 500-127 Dimmermaster 624, Wall Mount



DIMMERMASTER 1224

A lot of dimming at a very low price. This compact, 19" rack mountable, 12-2400 watt package features a single plug-in circuit board which is replaceable from the front. The dimmer curve may be changed to emulate any dimmer, including non-dim. The control output is analog or digital (AMX or DMX). The unit weighs 52 lbs., has a one year warranty, and is UL listed.

- 500-148 Dimmermaster 1224 - TB
- 500-149 Dimmermaster 1224, U-ground out
- 500-150 Dimmermaster 1224, Stage-Pin out
- 500-151 Dimmermaster 1224, Twist Lock out
- 500-160 Dimmermaster 1224, Wall Mount



DIMMERMASTER 2412

The Dimmermaster 2412 is a rugged rackmount dimmer pack featuring twenty-four channels at 1200 watts per channel. A multi-colored LED indicates valid DMX control signal present. A single plug-in circuit board contains all the electronics and may be replaced from the front. The starting channel is selected by a pushbutton switch located on the circuit board. This switch also provides load testing and local control.

- 500-170 Dimmermaster 2412, TB
- 500-171 Dimmermaster 2412, U-ground out
- 500-172 Dimmermaster 2412, Stage-Pin out
- 500-161 Dimmermaster 2412, Wall Mount

DOVE SYSTEMS



TECHMASTER CONTROLLERS

TechMaster operates as a standard two scene board, or as a "single scene with hold" giving two scene operation with more channels. DMX output bumps, master, 255 step programmable chase.

- 500-220 Techmaster 12/24, DMX
- 500-222 Techmaster 24/48, DMX
- 500-224 Techmaster 36/72, DMX
- 500-226 Techmaster 48/96, DMX
- 500-228 Techmaster 60/120, DMX



SUBLIME CONTROLLERS

The Sublime Series of consoles is the same as the TechMaster with the addition of 24 submasters. The entire "look" set with the channel faders on the right side of the console can be saved to one of the 24 submaster faders on the left side of the console. Later, bring up that fader, and the look is back on stage!

- 500-270 Sublime 12/24, DMX
- 500-272 Sublime 24/48, DMX
- 500-274 Sublime 36/72, DMX
- 500-276 Sublime 48/96, DMX



IQ512 CONTROLLER

The IQ512 is a compact controller with 12 channels, yet it can control 512 dimmers. DMX output bumps, master, single scene hold and crossfade. The IQ512 can also serve as a Remote Focus Unit and can "capture" looks from other consoles.

- 500-205 IQ512 Compact Controller

**IDEAL FOR MEDIUM SIZE
SCHOOLS & CHURCHES
WITH MEDIUM BUDGETS!**



HOUSELIGHT CONTROLLERS

House light controllers are an easy-to-use adjunct to stage light controllers for systems in which stage lights are not in constant use but house lights are. They require between +12 and +15VDC from the dimmer pack as a power supply; an optional power supply is available for use with dimmers that do not provide it.

Features:

- Standard 0 to +10VDC control
- May be linked in series
- Take control and off buttons
- Single channel through six channel systems available
- Two through six channel systems include a master control on each panel
- Uses 22 AWG cable - one wire for each channel and three additional wires

One and two channel controllers mount in 2 gang switch box
Three and four channel controllers mount in 3 gang switch box
Six channel controller mounts in 4 gang switch box

- 500-310 Single Channel Houselight Controller
- 500-312 Two Channel Houselight Controller
- 500-314 Three Channel Houselight Controller
- 500-316 Four Channel Houselight Controller
- 500-318 Six Channel Houselight Controller



STARPORT

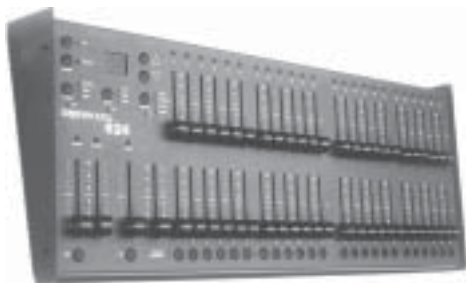
Memory Lighting Control for Personal Computers

Turns a Windows system computer into a DMX memory lighting controller. Mouse driven. DMX-512 or optional analog interface. Features 96 channels of control, 252 memory cues per show, 4 shows per disk, 480 dimmers, X/Y and A/B crossfaders, 18 submasters, and live and blind modes.

Requires PC compatible computer w/color monitor and mouse (not included).

- 500-240 StarPort Lighting Control for PC

LEPRECON SYSTEMS



LP-600 MEMORY CONSOLES

Available with 12 or 24 channels, Leprecons compact and economical 600 series memory consoles are fully featured and designed to perform under the most demanding conditions. The twelve channel LP-612 and twenty four channel LP-624 incorporates the same design and construction techniques that make the LP-1500 touring consoles the most reliable in the industry. DMX-512, analog and microplex control.

Features:

- Two scene preset mode
- Programmable chase
- Cue stack with "go" button
- Multiple pages of memory
- Full size 60mm faders
- Softpatch option on LP-624

510-450 LP-612-MPX, 2 x 12 channel,
3 pin microplex connector

510-460 LP-612-MPX-D/A, same as 510-450
but with DMX control

510-470 LP-624-MPX, 2 x 24 channel,
3 pin microplex connector

510-480 LP-624-MPX-D/A, same as 510-450
but with DMX control



LP-1500 MEMORY CONSOLES

Available with 24, 36 and 48 channels, the 1500 series controllers are Leprecons time tested, rugged, rental/touring memory consoles. These heavy duty units can also function as a basic manual console with programmable sub-masters with 12 pages of memory.

Features include:

- Twelve pages of memory
- Programmable chase
- Cue stack w/point cues
- LCD display
- DMX-512, and analog
- Midi in/out
- Full size 60mm faders
- Softpatch
- Bumb buttons
- Split dipless X fade
- "Go" button advance

510-560 LP-1524, 2 x 24 channel, DMX

510-570 LP-1536, 2 x 36 channel, DMX

510-580 LP-1548, 2 x 48 channel, DMX



LD-340 and LD-360 SERIES DIMMERS

These rugged dimmers designed to hang from a pipe or stage tree are made with dual SCR modules for assured reliability. Magnetic circuit breakers protect electronic components from overloads. High quality noise filtering helps eliminate buzz and interference in audio equipment. DMX512 output control signal (Microplex protocol available).

510-100 LD-340DMX, 4 channel, 20 amp, 5 pin XLR

510-110 LD-340DMX-HP, 4 chan, 2-20 amp, 5 pin XLR

510-130 LD-360DMX, 6 channel, 20 amp, 5 pin XLR

510-140 LD-360DMX-HP, 6 chan, 2-20 amp, 5 pin XLR



MX SERIES, 12 CHANNEL DIMMER PACKS

Leprecon MX series dimmers feature DMX512 & 8 pin C.J.C.

510-280 12-1.2Kw dimmer, U-ground out

510-285 12-1.2Kw dimmer, Stage-Pin out

510-290 12-2.4Kw dimmer, U-ground out

510-295 12-2.4Kw dimmer, Stage Pin out

ROSCO ENTERTAINMENT TECHNOLOGY



HORIZON LIGHTING CONTROL SOFTWARE

Horizon software, along with any of its hardware interfaces, converts a Pentium PC into a lighting control console. Horizon 2000 runs under Windows 2000 and XP. The hardware plugs into the serial port on a PC and outputs one universe of DMX. Two 512 interfaces may be used on a PC with two parallel ports to output 2 universes of DMX.

Features include 7168 control channels and TCP/IP protocol.

Silver upgrade adds Active Magic Sheets™, allowing you to pick fixtures, levels, and cues from a graphic display.

Gold upgrade adds sophisticated moving light control, an effects generator and moving light "palettes."

The Silver and Gold upgrades provide unlimited virtual submasters.

The Submaster Wing Panel provides hands on access to these submasters through 24 linear potentiometers and 24 bump buttons. The Horizon Submaster Wing Panel connects to your PC via the serial port using the cable provided.

530-100 Horizon 512 Channel DMX Interface
w/Basic Lighting Control Software
(hardware not included)

530-105 Horizon 2000 Silver Upgrade

530-110 Horizon 2000 Gold Upgrade

530-115 Horizon Submaster Wing Panel



IPS DIMMER BOXES AND DIMMER STRIPS

IGBT-based Intelligent Power System distributed dimmers are chokeless, lightweight, compact, and silent. As a result, they may be mounted onstage, eliminating the need for acoustically isolated and air-conditioned dimmer rooms. IPS dimmers use intelligent microprocessors to suppress surges, protect against dead shorts, and extend lamp life. Other features include a focus button to turn on a fixture without a board operator, LEDs, and dimmer status feedback to a Horizon console.

IPS Dimmer Strips and Dimmer Boxes contain either six 1200 watt or three 2400 watt dimmers. They require a single 20 amp three-phase circuit to power the dimmers and a DMX512 connection for control.

Call for unit pricing.

DJ CONTROLLERS



SHOW DESIGNER 1

DMX controller. Controls a wide variety of DMX products, 16 fixtures total, 1024 scenes, 512 presets, 256 shows, MIDI.

DJ2-735 Show Designer 1



PC-100A POWER CENTER

A/C power center designed to help eliminate extension cords. Features 8 lighted switches and a 15 Amp resettable circuit breaker on the front panel and 8 grounded AC sockets on the rear panel. Maximum load 1700 watts.

DJ2-315 PC-100 Power Center

ETC SYSTEMS



ETC EXPRESS CONSOLES

The Express series consoles offer varied options for two scene preset operation, single scene control, or fully programmable computer control. Simple menu options make it easy to switch from one to another. Features include dual scene faders, X/Y trackpad for moving light and scroller control, 600 programmable cues, 500 groups, 2000 macros, 1024 DMX512 dimmer capacity, ten pages of submasters each, and effects with up to 100 steps each. Interfaces include ETCNet, external power supply, MIDI and Remote Go/Macro.

- 540-150 Express 24/48
- 540-155 Express 48/96
- 540-157 Express 72/144

580-800 Optional VGA Monitor for all express consoles



EXPRESS 125 AND 250

The Express 125 and 250 provide the power of an Expression 2 line console in a low cost, compact configuration. Features include 24 overlapping submasters with bump buttons and LED's, 600 cues, 500 groups, 2000 macros, 1024 DMX512 dimmer capacity. Interfaces include ETCNet, external power supply, MIDI, MIDI Show Control, and Remote Go/Macro.

- 540-159 Express 125
- 540-160 Express 250
- 580-800 Optional VGA Monitor

SMARTFADE CONTROLLER

Smartfade gives you big ETC lighting control quality at a compact price.

- 48 24-step sequences
- 99-step Stack sequence
- DMX out and DMX in
- MIDI in and MIDI out
- SD card slot for show backup



- 540-130 Smartfade 1248 - 12 channel two-scene or 48 channel normal mode
- 540-135 Smartfade 2496 - 24 channel two-scene or 96 channel normal mode.



EXPRESSION 3™

A top of the line control console for large auditoriums, touring shows, and rental companies. This unit is available in 400, 800, or 1200 channel configurations. Other features include 6 pages of 5 moving light attribute encoders, 10 pages of 24 submasters, 16-bit fades for moving light control, 600 cues, 500 groups, and much more. This unit supports 2 VGA monitors, dimmer doubling, ETCNet, ETCLink, MIDI, and SMPTE.

Call or email for pricing.



INSIGHT 3

Another top of the line control console for touring shows and rental companies which need to control moving lights and color changers. This is a very fast concert lighting control console. The Insight 3 features 1,536 dimmers/attributes and 512 control channels. Ten pages of 108 submasters, 108 faders and bump buttons make it ideal for applications requiring spontaneous improvisation, and split-second changes.

Call or email for pricing.

ETCNet2™ DMX NODE

With ETCNet2 and the ETC DMX Node, total lighting integration is at your command. Freedom to expand, create and master: You now have over 32 thousand channels of DMX to control any device, input or output, anywhere in your system. Receive dimmer feedback, use handheld remotes, share control with your networked ETC Unison architectural system. And for structural convenience, the node is available in rack, backbox and touring versions.

Please call or email for system pricing.

ETCNet2 VIDEO NODE

The ETCNet2 Video Node gives you the power to monitor any console on your ETCNet2 Ethernet network. You can even monitor two different consoles simultaneously from a single Video Node. And, with keyboard and the ETC Remote Focus Unit support, you can connect to those consoles and run the show from anywhere in your facility. The Video Node is also backwards-compatible to ETCNet1 systems, allowing easy connection to ETC's Express and Expression consoles.

Please call or email for system pricing.

ETC SYSTEMS



ETC SMARTPACK DIMMERS

A simple low-cost portable dimmer pack that can be operated stand-alone or combined into small systems.

The Smartpack comes with either 6 channels of 20A or 12 channels of 10A

- DMX512A compliant, upgradeable to support RDM
- Built-in presets and sequencer for stand-alone operation
- Auto-Restart function

- 540-400 6 channels x 20A, Edison
- 540-405 6 channels x 20A, Stage Pin
- 540-410 6 channels x 20A, Twist-Lock
- 540-430 6 channels x 20A, Terminal Strip
- 540-635 6 channels x 20A, Wall Mount
- 540-450 12 channels x 10A, Edison
- 540-455 12 channels x 10A, Stage Pin
- 540-465 12 channels x 10A, 6-Circuit Multi-Pin
- 540-470 12 channels x 10A, Terminal Strip
- 540-675 12 channels x 10A, Wall Mount



Smartpack Wallmount



SENSOR™ PORTABLE DIMMER PACKS

Very high quality modular dimmer packs. Available in 12 and 24 dimmer configurations. Dimmer modules come in dual 1.8K or 2.4K and single 6K or 12K. Packs are AMX192, DMX512, and analog control protocols. Inputs run simultaneously. LED indicators show Phase Status, Input Status, and Error.

Portable packs are configured to your specifications, and come with cam-loc connectors installed.

- 540-307 Portable pack, edison connectors, 12-2.4K
- 540-312 Portable pack, stage pin connectors, 12-2.4K
- 540-317 Portable pack, GTL connectors, 12-2.4K
- 540-322 Portable pack, Socapex connectors, 12-2.4K

SENSOR™ TOURING RACK

Designed and constructed using state-of-the-art technology to provide highly reliable service in touring/ rental environments. Call or write for specifications and pricing.



SENSOR™ INSTALLATION RACK

Racks are configured in 12, 24, and 48 module designs. They are available in either standard or AF (Advanced Features) versions. Rack spaces are mechanically designed to accept only the module type (15 amp, 20 amp, 50 amp, or 100 amp) specified for that space.

AF Advanced Features option is a monitoring system that provides complete system status information. **AF** option monitors current and output voltage on an individual dimmer basis and provides status information on lamp burnouts, dimmer performance, dimmer temperature conditions, and rack input voltages.



REMOTE FOCUS UNIT (RFU)

LCD screen and integral keypad let you set channel levels, check dimmers, or run cues from virtually any location. Used primarily during focus or dimmer check. The RFU can also be used to program or run your show.

540-500 Remote Focus Unit

STRAND SYSTEMS

100 SERIES CONTROL CONSOLES



This portable or rack mount fully digital control console includes the following features:

- 12 channel 2 scene preset, 24 channel single scene preset operation
- Unique hold function in single scene mode
- Built in effect operation
- Split crossfader with time fade function
- Bump Buttons
- Grand Master and Black out key
- DMX 512 output

522-050 100 series 12/24 console, 120v



200 SERIES CONTROL CONSOLES

This portable fully digital control console includes the following features:

- Two pages of Submasters memories
- Up to 24 effects each with up to 99 steps
- Split crossfader with time fade function
- Bump Buttons on all channels
- Grand Master and Black out key
- Full DMX operation with patch

522-070 200 series 12/24 console, 120v

522-075 200 series 24/48 console, 120v



CD80™ DIMMERS

CD80's are available in five configurations: 24 - 1.2Kw dimmers, 12 - 2.4Kw dimmers, 24 - 2.4Kw dimmers, 6 - 6Kw dimmers, and 6 - 12Kw dimmers. Input and output XLR for daisy chaining packs. All electronics are easily accessible on a single plug-in card.

520-119 12-2.4kW Stage Pin Outlets

520-162 24-2.4kW Stage Pin Outlets

520-131 6-6kW Stage Pin Outlets

520-137 6-12kW Stage Pin Outlets

520-126 12-2.4kW 2-Socapex & 12 Stage Pin Outlets

CD80 SUPERVISOR™

Plug-in modular digital dimming system for mid to high specification applications.

Call or Email for complete specifications and pricing.

We Package
Lighting and Dimming Systems.
We will be happy to assist you in
planning your system.

**CALL FOR
SYSTEM PRICING!**



520i Control Console



550i Control Console

500 SERIES CONTROL CONSOLES

500 series control consoles support up to 6000 intensity channels and 2000 moving light/scroller attributes. Each console features 2048 DMX outputs, 2000 cues, 1000 groups, 1000 macros, and 200 simultaneous fades. They can all be used with ShowNet Ethernet networking for up to 16 DMX universes. They include Tracker software for moving light control and either Lightpalette tracking style operation or GeniusPro preset style operation. Each console is also compatible with ShowNet Ethernet networking.

Call for individual data sheets.

Color monitor **not** included.

Call for system pricing.

DOUG FLEENOR DESIGN - DMX



DMX OPTICAL ISOLATOR

The DMX512 Inline Optical Isolator plugs directly into the back of most DMX lighting consoles to protect the console from hazardous voltages. The isolator also eliminates ground loops and provides high drive current for long control runs.

550-001 DMX512 Opto Isolator



DMX ISOLATION AMPLIFIERS

The DMX512 Isolation Amplifier is recommended for the receiving end of long control runs. It contains separate input and output power supplies, allowing the input circuitry to receive signals as low as 0.2 volts. Available with either 3 pin or 5 pin gold plated Neutrik connectors.

550-010 DMX Isolation Amplifier

550-020 DMX Isolation Amplifier with 2 Isolators

550-030 DMX Isolation Amplifier with 4 Isolators



DMX ISOLATED SPLITTERS

The DMX Isolated Splitter / Amplifier allows you to split a single DMX512 dimmer signal into three, five or eleven optically isolated DMX512 signals. Optical isolation creates a physical break between the DMX512 links to help prevent accidental high voltage from damaging equipment on the DMX512 data stream.

550-100 DMX Isolated Splitter with 3 outputs

550-200 DMX Isolated Splitter with 5 outputs

550-210 DMX Isolated Splitter with 11 outputs



DMX ENHANCED ISOLATED SPLITTER

This Enhanced Splitter has all of the features of Fleenor's standard splitters plus a universal power supply, input and output protection, and troubleshooting indicators, all packaged in a purpose built housing for permanent installation. DMX512 connections are via plug-in terminal blocks and the AC power connection is via an attached 6' power cord with a standard U-Ground plug.

UL Listed and CE marked.

550-220 DMX Enhanced Isolated Splitter - Wall Mount



DMX BIDIRECTIONAL HUB

The DMX Hub offers isolation and signal buffering for bidirectional communication. The hub differs from an opto-splitter in that any of the eight ports can receive data, with the seven remaining ports re-transmitting that data. Includes a universal power supply and gold plated connectors.

550-230 DMX BiDirectional Hub



DMX ROTOR-ROUTER

The DMX Rotor-Router is an electronic patch bay for DMX512 signals. Consisting of an Input Module with twelve inputs and any number of Output Modules with twelve outputs each, the unit patches any input to any output using front panel rotary switches. The inputs and outputs are all electrically isolated to prevent ground loops and fault propagation.

550-330 DMX Rotor-Router

(specify input or output; 5 pin, 3 pin, or terminal block)



DMX A/B SWITCHES

This series of selector switches was specifically designed to switch DMX512 signals. Originally designed to switch between primary and backup consoles, these switches are often used to select from two (or more) input locations.

550-350 DMX single universe A/B switch box

550-360 DMX two universe A/B switch box

550-370 DMX three universe A/B switch box

550-380 DMX four universe A/B switch box



DMX COMBINE UNITS

Combining two DMX512 sources requires a computer, like the one in these units. The combiner introduces the minimum delay possible with DMX512, less than 0.02 seconds. Combine units are available in up to six input configurations. For more than 6 inputs, multiple units can be linked together. These combiners can also be used to convert to or from Colortran's CMX protocol (as used in D-192 series dimmers)

550-510 DMX Combine Unit - 2 inputs

550-520 DMX Combine Unit - 3 inputs

550-530 DMX Combine Unit - 4 inputs

550-540 DMX Combine Unit - 5 inputs

550-550 DMX Combine Unit - 6 inputs

DOUG FLEENOR DESIGN - DMX



WALL PLATES

Single-gang "switch box" cover milled from solid aluminum and fitted with either a male or female 5-pin XLR connector. The rear of the wall plate features screw terminals for easy field wiring. Passive wall plates are wired back to a splitter, merger, or rotor-router. Active wall plates include buffer circuitry which allows more advanced distribution methods.

- 550-615 Male 5-pin single gang plate
- 550-617 Female 5-pin single gang plate
- 550-625 Buffered Female 5-pin single gang plate
- 550-611 Male 3-pin single gang plate
- 550-613 Female 3-pin single gang plate



DMX RELAY PACKS

Single channel unit, designed to switch up to a 20 amp line voltage load, uses a 30 amp relay. The unit is provided with two 18" 12/3 SJ pigtailed for line in and switched line out. Supplied with 15 amp parallel blade connectors as standard.

Six channel units, designed to switch up to 15 amp line voltage loads, use 30 amp relays. Line voltage input is on 18" 12/3 SJ pigtail(s) fitted with 15 amp parallel blade plug(s). Available with one or two line-in pigtailed. Switched line outputs are on chassis mounted 15 amp parallel blade receptacles.

Low Voltage DMX Relay Packs are available to control low voltage switch closure devices such as slide projectors and fog machines.

- 550-440 DMX single channel relay pack, line voltage, 20A
- 550-450 DMX six channel relay pack, line voltage, one 15A line in
- 550-460 DMX six channel relay pack, line voltage, two 15A lines in
- 550-470 DMX two channel relay pack, low voltage, 5A/channel
- 550-480 DMX six channel relay pack, low voltage, 1A/channel



DMX TO ANALOG CONVERTERS

Interfacing to older dimmers, custom controls, animatronics and motion control are just a few of the uses of these DMX512 to 0-10 Volt Analog Converters. Outputs on DB-25 connectors.

- 550-300 24 channel DMX to Analog Converter
- 550-310 96 channel DMX to Analog Converter



DMX TO AMX CONVERTERS

The DMX512 to AMX192 Converter is available with either one or two AMX outputs from a single DMX input. The two configurations are identical except for the addition of a second AMX output port to handle dimmers 193 through 384.

- 550-400 DMX to AMX converter for up to 192 dimmers
- 550-410 DMX to AMX converter for up to 384 dimmers



DMX TO iPLAYER2

This interface receives a DMX512 input signal and outputs RS-232 commands to the iPlayer. The interface uses three consecutive DMX512 channels: Trigger mode, Show selection, and Global intensity.

The interface is compatible with iPlayer 2 and Light System Engine which are both products (and registered trademarks) of Color Kinetics Incorporated.

- 550-420 DMX to iPlayer2 Interface



PORK CHOPPER

The Pork Chopper increases the total number of control channels of a Flying Pig Systems, Wholehog II console. When connected to an output port producing "Overdrive" Pork Chopper decodes the signal into two DMX512 universes. Connecting Pork Choppers to three output ports increases Wholehog II channel capacity from 2048 to 3584 channels.

- 550-070 Pork Chopper



POWER SUPPLY

The innovative design of this accessory power supply can provide power and data in many different formats to suit varying fixture inventories. Primarily designed to power and control Color Kinetics ColorBlast 12 LED fixtures, it can be configured to operate devices such as Altman SpectraPAR fixtures, Color Kinetics iColor Cove, Chroma-Q type color scrollers, and gobo rotators.

- 550-700 LED Power Supply

DOUG FLEENOR DESIGN

APATHY CONSOLE

In its most basic mode the Apathy allows you to command all 512 DMX dimmers to the same level using the single intuitive control knob. Using the Apathy function button, you can assign control of a single DMX dimmer to the control knob.



550-555 Apathy DMX Console

PRESET CONSOLES

These units are capable of storing up to ten presets recorded by capturing the output of a DMX512 console. Each preset can then be assigned a unique crossfade time, from 0 to 999 seconds. Presets are recalled by pressing one of the buttons.



Available for Architectural or Portable use.

550-560 Preset 10 Architectural
550-570 Preset 10 Portable
550-575 Transformer for Preset 10 Architectural



REMOTE ADDRESSING DEVICE

The Remote Addressing Device (RAD) allows users of RDM enabled devices to set the DMX512 start address remotely. A must have for every technician's tool box, the RAD will save many trips up the ladder to reassign an address.



550-580 DMX Remote Addressing Device

GIZMO TEST TOOL

With the Gizmo DMX512 test tool you can transmit, receive, save and playback scenes and perform a variety of data and cable tests..

- Transmit up to 512 Channels of DMX512
- Receive DMX512
- Save and Recall 100 Scenes
- Check cables for shorts, open connections, and data reliability
- 9 volt Battery or AC Power operation
- 25 Button Keypad



550-590 Gizmo DMX Test Tool

DMX LINE TERMINATORS

The DMX Terminator plugs into the feed-through connector of the final DMX device on a control cable. It improves signal reliability by preventing reflections and reducing ringing.



Enhanced terminators include LED signal indicator, spike suppression, and bypass for radio frequency interference.

550-602 3 Pin XLR basic terminator plug
550-603 5 Pin XLR basic terminator plug
550-604 3 Pin XLR enhanced terminator plug
550-605 5 Pin XLR enhanced terminator plug

DMX LINE TESTER

The line tester displays the presence of the +Data and -Data signals when plugged into a control line or feed through connector. Observing the indicators during a fade will detect if either line is stuck high or low.



550-599 3 pin Line Tester
550-600 5 pin Line Tester

MORE DMX ITEMS



DOVE DECODERS

MTX-DE8 Decoder 8 channels from DMX control desks to analog dimmers and fluorescent lighting fixtures whose ballasts accept 0 to +10VDC dimming control. The decoder hangs in the grid, next to the fixtures it controls, and each fixture plugs into one of the eight BNC connectors on the sides.

MTX-DE48 Decoder 48 channels from DMX controllers to Analog dimmers. Standard 0 to +10VDC output may be adjusted to 0 to +28VDC.

500-188 Decoder 8 Channels
500-250 Decoder 48 Channels

DMX LINE TERMINATOR

Terminator plugs are put at the end of the last DMX cable to terminate the data signal for proper operation of electronic equipment.

550-609 3 Pin XLR plug for Martin Moving Lights