GENERAL INFORMATION

Foundational lighting control console with preset-style operation, Expression 3 compatibility, 125 or 250 channels.

APPLICATIONS	College
	Middle/ High School
	Community Theatre
	Trade Show
	Small TV Studio
	Church
FEATURES	Preset style operation
	125 or 250 channels
	1024 DMX outputs
	600 Cues
	500 Groups
	2000 Macros
	10 pages of 24 Submasters
	Two scene preset or preprogrammed operation
	Preset Focus points
	Moving Light controls
	LTP (Latest Takes Precedence) Channels
	Spreadsheet Editing
	Ethernet for DMX, Video and other signal distribution
	MIDI, MIDI Show Control and MIDI Time Code interface
	Supports ETCLink Dimmer feedback
ACCESSORIES	Video Node
	DMX Node
	Remote Focus Unit (RFU)
	Gooseneck Lamps
	Expression Offline
	Expression Offline for Windows
	Express LPC

ORDERING INFORMATION

Express

Model#	Description
EXPS 125	Express 125
EXPS 250	Express 250
LPC/250	Express 250 Channel LPC

Express Accessories

Model#	Description
DNODE-RF	DMX Node - rack mount front entry
DNODE-RB	DMX Node - rack mount rear entry
DNODE-W	DMX Node - wallbox mount
VNODE-R	Video Node
RFU	Remote Focus Unit
M218	VGA Color Monitor
M219	LCD Flat Screen Display
4000A4003	Monitor Dust Cover for M218
M715	Littlelite Work Light
M604	Parallel Printer
EOL	Expression Offline

Other Consoles in Express Family

Model#	Description
EXPS 24/48	Express 24/48
EXPS 48/96	Express 48/96
EXPS 72/144	Express 72/144
LPC/96	Express 96 Channel LPC
LPC/192	Express 192 Channel LPC

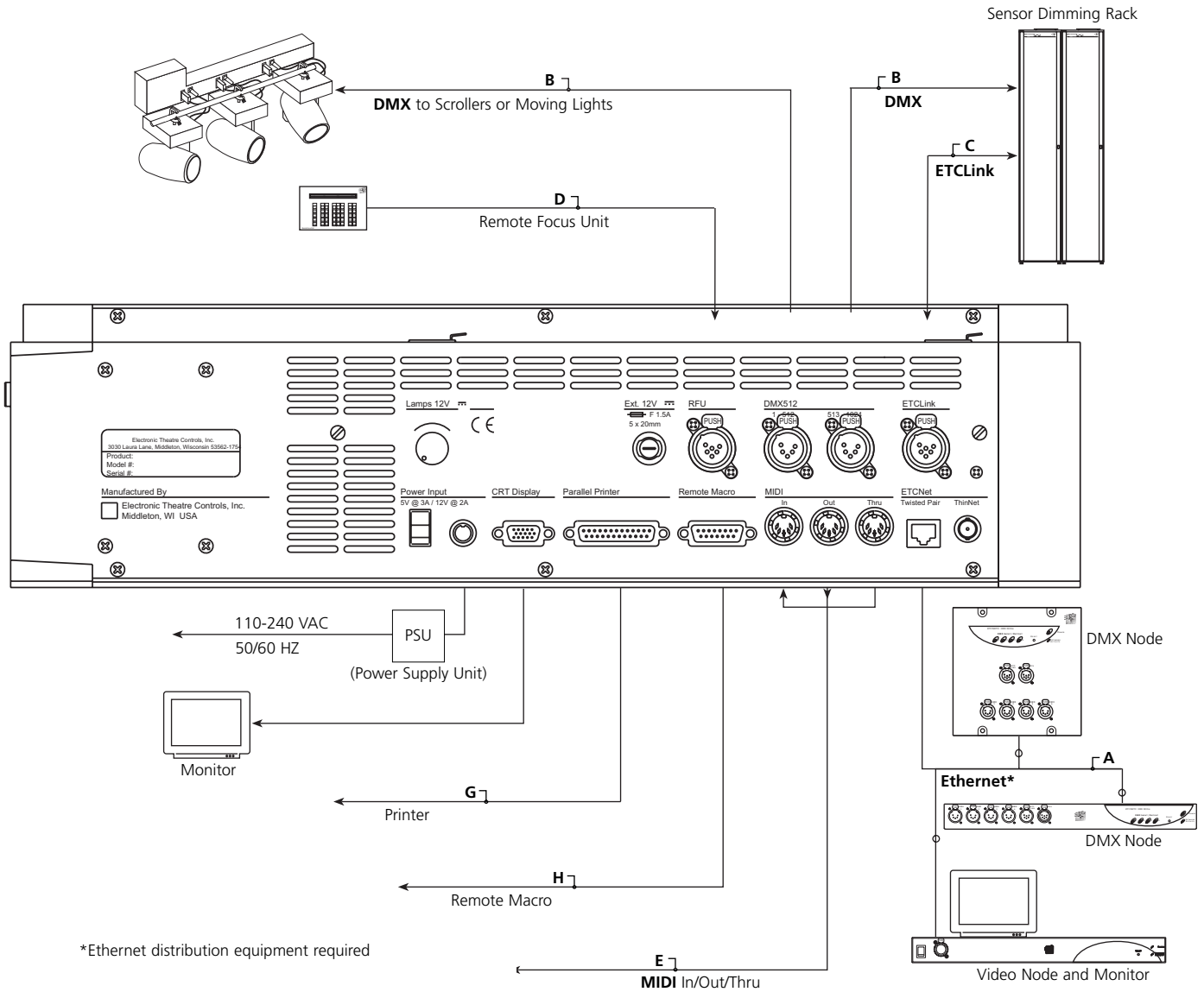=ETC

GENERAL
125 or 250 channels
1,024 DMX512 dimmers
600 cues
500 groups
99 focus points
Effects with up to 100 steps each
2,000 macros
24 submasters x 10 pages
2 timed/manual fader pairs
Diskette drive
Single VGA output
Printer port
UL, cUL, CE listed

DISPLAY FUNCTIONS
(Requires VGA monitor)
Cue List
Stage
Blind
Fader status
Spreadsheets and Lists
  Cue, Sub, Group and Focus point views
Patch
  Proportional levels
  32 user–definable profiles
  Dimmer Doubling capability (see Dimmer
  Doubling data sheet)
Setup
Flexichannel (displays only used channels)

PLAYBACK CONTROLS
Faders
  2 Timed/manual fader pairs with Go, Hold,
  Rate, Clear, and Back buttons
  Individual last action fade capability for every
  channel
Trackpad
Master slider
Blackout button
Submasters
  24 submasters (times 10 pages) with bump
  buttons and integral LEDs

OPTIONAL EQUIPMENT
DMX Node
  ETCNet 2 device with remote DMX
  output, RFU
Video Node
  ETCNet 2 device with keyboard, RFU, VGA,
  Printer ports, Serial
Remote Focus Unit
  Hand held device with a keypad and LCD
  screen accesses most system functions for
  local adjustments and show editing
Expression Off-Line
  Available for free download from ETC via
  www.etcconnect.com
Parallel Printer
VGA Monitor

INTERFACES
DMX512 Outputs (2)
Ethernet
ETCLink
MIDI
MIDI Show Control
MIDI Time Code
Remote Macro/Go
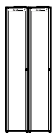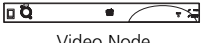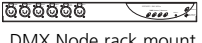Remote Trigger
Remote Focus Unit (RFU)

CONTROL KEYPAD FEATURES
Cue attributes
  Cues from .1 to 999.9
  Split up/down fade times
  Wait times
  Follow time
  Link to cue or macro
  Modified rate
  8-part multipart cues
  Selective cue recording
Channel Functions
  Lists constructed with +, −, Except, And, Thru
  Sneak sets channel to discrete or fader level in
  default/specified time.
  Only and Except features for group and channel
  manipulation.
Channel Attribute Display
  Independent channel capability
  Last Action Channels
  X/Y Link List
Moving Light Functions
  100 Focus point
  16–bit fade resolution
  Pop–up displays
  ML Patch
Group Functions
  500 groups with labels
  Any cue or submaster may be accessed as
  a group
Submaster Functions
  10 pages of 24 submasters with labels, timing
  and rate attributes
  Bump buttons may be enabled, disabled or solo
  Range editing of submaster attributes in
  submaster list
  Submasters may be individually changed
  between pile-on and inhibitive
Effect Functions
  100 steps each
  Step times
  In/Dwell/Out step times
  High/Low levels
  In/Dwell/Out effect times
  Effects may be recorded as cues and loaded
  to submasters.
  Range editing of effect step values
  and attributes
  Live effects recording
Macros
  2,000 macros
  Macros may activate any button on the console
  Live Learn mode
  Blind editing
Astronomical Time Clock
  Program up to 500 events
  Play back according, day of week, time of
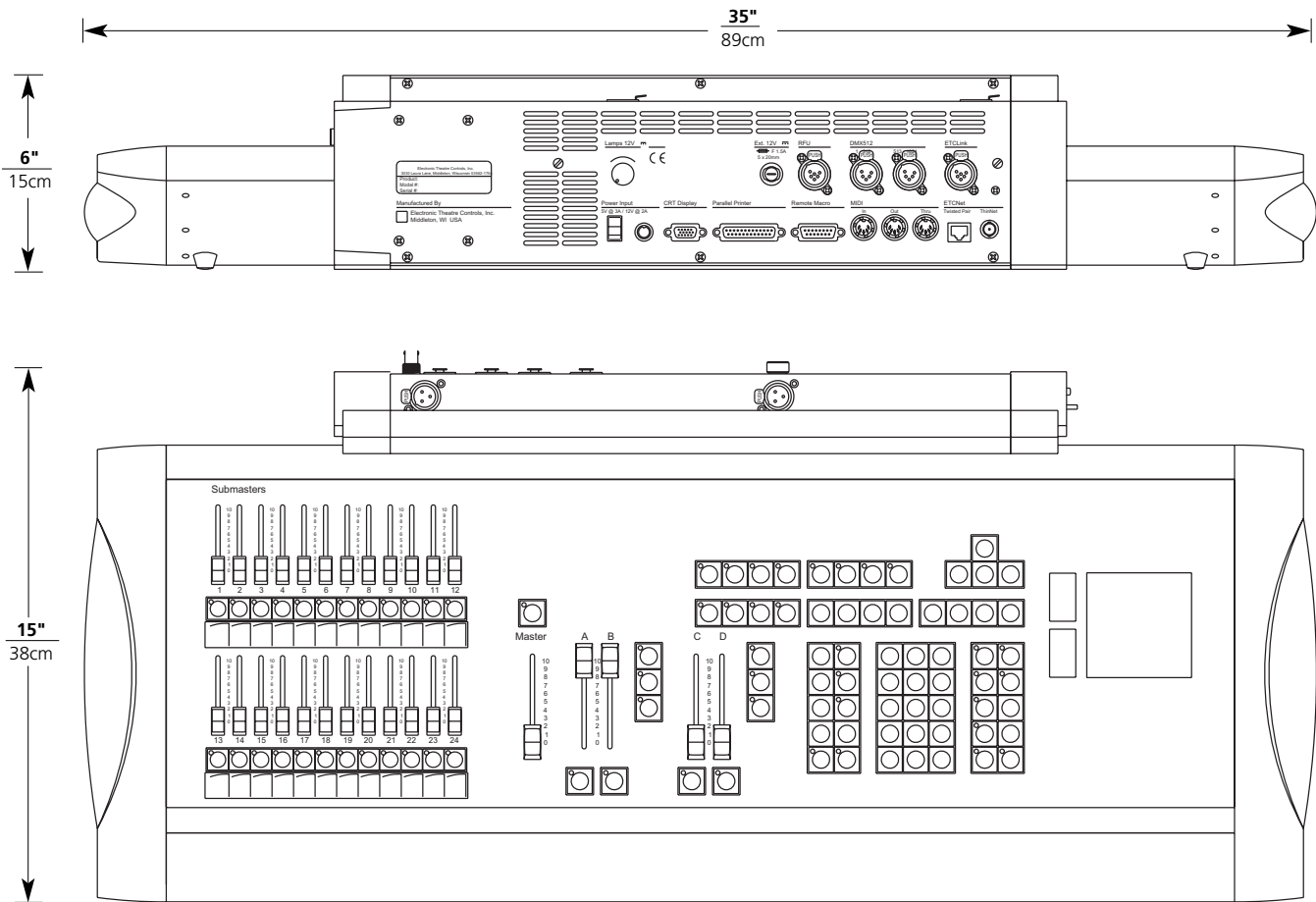 day or in reference to time before/after sunrise
  or sunset

CONSOLE CONNECTIONS

Sensor Dimming Rack

B ┐ DMX to Scrollers or Moving Lights

B ┐ DMX

C ┐ ETCLink

D ┐ Remote Focus Unit

Lamps 12V | Ext. 12V F 1.5A 5 x 20mm | RFU | DMX512 | ETCLink

Power Input 5V @ 3A / 12V @ 2A | CRT Display | Parallel Printer | Remote Macro | MIDI In Out Thru | ETCNet Twisted Pair ThinNet

Electronic Theatre Controls, Inc.
3030 Laura Lane, Middleton, Wisconsin 53562-1795
Product:
Model #:
Serial #:
Manufactured By
Electronic Theatre Controls, Inc.
Middleton, WI USA

110-240 VAC 50/60 HZ

PSU

(Power Supply Unit)

DMX Node

A ┐ Ethernet*

DMX Node

Monitor

G ┐ Printer

H ┐ Remote Macro

Video Node and Monitor

*Ethernet distribution equipment required

E ┐ MIDI In/Out/Thru

Wire Types for Express consoles with....

Device	Wire Type	
Sensor Racks	**DMX** (XLR5) (1) Belden 9729	**B**
	ETCLink (XLR6) (1) Belden 9729 (2) #16 AWG Stranded	**C**
Video Node	**Category 5** Ethernet (RJ45) (1) Belden 1583A (UTP)	**A**
DMX Node rack mount	**Category 5** Ethernet (RJ45) (1) Belden 1583A (UTP)	**A**
DMX Node wall mount	**Category 5** Ethernet (RJ45) (1) Belden 1583 (UTP) (2) #16 AWG Stranded	**A**

Device	Wire Type	
MIDI	Standard **MIDI** Cables 5 Pin Din Connector	**E**
Remote Focus Unit	**RFU** (XLR6) (1) Belden 9728 (2) #16 AWG Stranded	**D**
DMX (In + Out)	**DMX** (XLR5) Belden 9729	**B**
Printer - Parallel	Standard Parallel Printer Cable	**G**
Remote Macro	DB 15 Consult Manual or ETC Technical Services for details	**H**

PHYSICAL

Express Dimensions

Model	Height		Width		Depth	
	inches	cm	inches	cm	inches	cm
Express 125 and 250	6.0	15.0	35.0	89.0	15.0	38.0

Express Accessories Dimensions*

Model	Height		Width		Depth	
	inches	cm	inches	cm	inches	cm
Express LPC	1.8	4.5	17.0	43.2	12.5	32.0
DMX Node - rack	1.8	4.5	17.0	43.2	12.5	32.0
DMX Node -wallbox	8.0	20.3	8.0	20.3	4.1	10.5
Remote Focus Unit	1.4	3.4	8.5	25.0	5.5	14.0
Video Node	1.8	4.5	17.0	43.2	12.5	32.0

Express Weights*

Model	Weight		Shipping Weight	
	lbs	kgs	lbs	kgs
Express 125 and 250	21.0	9.5	35.0	16.0

Express Accessories Weights*

Model	Weight		Shipping Weight	
	lbs	kgs	lbs	kgs
Express LPC	11.0	5.0	18.3	8.3
DMX Node - rack	8.0	3.6	18.0	8.2
DMX Node -wallbox	2.2	1.0	10.0	4.5
Remote Focus Unit	3.0	1.4	5.0	2.3
Video Node	8.0	3.6	18.0	8.2

* Weights + Dimensions Typical