

## DMX Controllers

### Product Line Overview 02/2013



- 8 Digital relay outputs
- Base address 1 to 505
- 12 Volt dc Power-0.5Amp
- DMX signal stream (44 updates / sec)
- Relays 10Amp @240V AC

**DMX - 8Ch Relay Modules**  
( BPE # DMX-3001 ) - Mechanical  
( BPE # DMX-3003 ) - SS Relay



- 8 Solid State relay outputs
- Base address 1 to 505
- 12 Volt dc Power-0.5Amp
- DMX signal stream (44 updates / sec)
- Solid State Relays AC/DC

**DMX - 8Ch SS Relay Modules**  
( BPE # DMX-3015 ) - SS Relay



- 1 Digital relay output
- Base address 1 to 512
- 12 Volt dc Power-0.5Amp
- Wire Terminal Blocks
- Relays 10Amp @240V AC

**DMX - 1Ch Relay Module**  
( BPE # DMX-3010 ) - Mechanical  
( BPE # DMX-3011 ) - SS Relay



- 2 Digital relay outputs
- Base address 1 to 512
- 12 Volt dc Power-0.5Amp
- Relays Flip / Flop
- SS Relays or Mechanical

**DMX - 2Ch Flip / Flop Relay**  
( BPE # DMX-3120 ) - Mechanical  
( BPE # DMX-3125 ) - SS Relay



- 8 output channels
- Configured to be digital (on-off)
- Drive standard RC type servos,
- Triggering outputs suitable for driving Triac lamp dimmer
- Outputs are each 5V TTL level

**DMX - Receiver Module**  
( BPE # DMX-2000 )



- Board may be configured to provide either 4 channels of 8-bit PWM suitable for driving LED displays or generate full wave signals to drive standard unipolar stepper motors.

**DMX - PWM / Stepper Motor Control**  
( BPE # DMX-8000 )



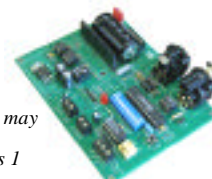
- Transmit Mode**
- PC (RS232) input
  - 4 analog inputs
  - Base address 1 to 118
- Receive Mode**
- PC (RS232) output stream
  - 4 analog outputs
  - 4 servo outputs
  - Base address 1 to 127

**DMX - Protocol Converter**  
( BPE # DMX-1000 )



- 8 Digital relay outputs
- Base address 1 to 504
- 9 Volt dc Power
- DMX signal stream (44 updates / sec)
- Store up to 60 scenes ( at 128 channels per scene ) and scenes may be switched in by a simple RS-232serial command or scenes 1 through 8 by manual switch.

**DMX - 512 Serial to DMX Transmitter**  
( BPE # DMX-4000 )



- 36 Vdc - 5A continuous current
- Requires 2-DMX channels
- Drive DC motor as variable speed, reversible motor
- Add potentiometer, create large servo motor control

**DMX - DC Motor Controller**  
( BPE # DMX-5000 )



- Single channel R/C type servo
- Base address between 1 and 511
- Full speed DMX signal stream (44 updates / sec)
- LEDs indicate valid DMX
- Requires 7.5 to 9V DC supply

**DMX - 1Ch R/C Servo Driver**  
( BPE # DMX-5010 )



- Eight Ch R/C servos drawing up to 600mA
- Base address between 1 and 511
- Full speed DMX signal stream
- Requires 8 DMX Channels
- LEDs indicate valid DMX
- Requires 7.5 to 9V DC supply

**DMX - 8Ch R/C Servo Driver**  
( BPE # DMX-5010 )



- 1Ch In - 4Ch Out
- Pass Through, Booster
- Transient Suppression
- 5 - Pin Connector
- DMX Isolated / Protocol

**DMX - Splitter Board**  
( BPE # DMX-9146 )



- Display channels (1 to 512) and data value channel
- Selected channel indexed by on-board push-buttons
- Connection toDMX network - 5-pin XLR In / Out connectors
- Data Transmit / Receive modes
- 2x16 back-lit supertint LCD

**DMX - Pro Network Checker**  
( BPE # DMX-4025 )



- Display channels (1 to 512) and data value channel
- Selected channel indexed by on-board push-buttons
- Connection toDMX network - 3-pin standard connector
- Data displayed- back-lit 2x16 LCD

**DMX - Network Checker**  
( BPE # DMX-4020 )



- 9 Ch LED Driver
- 3-Ch RGB Design
- MOSFET Outputs
- Address 1- 503
- Common ANODE
- 5pin XLR-DMX
- 1 Amp / Channel

**DMX - LED-9 Driver**  
( BPE # DMX-8025 )



- LED arrays driven and control by DMX-512
- 4 output channels at 2kHz.
- Base address between 1 and 509.
- Dual 3 pin terminal blocks.
- Board power 9-12V DC at 0.2 Amp
- Load current up to 800ma.
- Output CH 0.2 Amps @ 12VDC open collector
- LED Status Indicators

**DMX - PWM / LED Driver**  
( BPE # DMX-8005 )



- 4-channel DMX to Vdc (0-10V DC)
- Base address 1 to 512
- DMX In-Out: 5pin XLR
- Power Supply: +12V DC
- Outputs: 0 -10V DC @ 20mA per channel

**DMX - Analog Voltage Converter**  
( BPE # DMX-9000 )



- 1 Ch DMX to PWM Driver
- Base address 1 to 511
- MOSFET Output Drivers
- DMX Status Logic
- 3 Amp Output - Loads
- Quick Connectors

**DMX - 1Ch LED Driver**  
( BPE # DMX-8008 )

*Product Information Subject to Change*

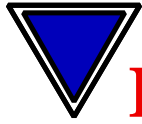
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Phone (303) 651-3794



## DMX Controllers Cont.

Product Line Overview  
02/2013



- 8/4 Digital 10VDC Outputs
- Base address 1 to 505
- 12 Volt dc Power-0.5Amp
- 20 mA Output Current

**DMX 10 Volt DC Driver**  
( BPE # DMX-3019 ) - 8Ch  
( BPE # DMX-3019A ) - 4Ch



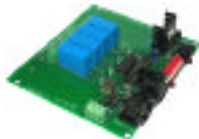
- 4 DMX Ch Control
- Base address 1 to 508
- 12 Volt dc Power-0.5Amp
- Unipolar Stepper Motors
- CW,CCW, Speed Control
- XLR - DMX 5 Pin Connectors

**DMX Dual Stepper Driver**  
( BPE # DMX-8001 )



- 4-Ch Input to 1-Ch Output
- DMX Address Channel Switching
- 9-12 Vdc operation
- Small Size, very fast Switcher
- BNC Connectors
- Address Range 1 - 512

**DMX - 4Ch to 1Ch Video Switcher**  
( BPE # DMX-4550 )



- 4 Digital relay outputs
- Base address 1 to 505
- 12 Volt dc Power-0.5Amp
- Relays 10Amp @240V AC
- Relays 5Amp @ 60 VDC

**DMX-4Ch Relay**  
( BPE # DMX-3018 ) - Mechanical  
( BPE # DMX-3018-S ) - SS Relay



- 8 CH DMX Encoder/Merger
- 0-10 VDC Analog Input
- 0-255 DMX Levels Out
- DMX Merge 2-1 Features
- DMX 512 Data Stream Flow
- 5mA Analog Input Source

**DMX Encoder**  
( BPE # DMX-4888 )



- 32 MP3 Audio Files
- 2-4 Consecutive DMX CH's
- VMusic2 Module Player
- DMX Status- Player Logic
- Play, Stop DMX Control
- Base Address 1-510

**DMX- MP3 Audio Player**  
( BPE # DMX-7005 )



- 8 Digital relay outputs
- Base address 1 to 505
- 12 Volt dc Power-0.5Amp
- DMX Status-Relay Logic
- Relays 10Amp @240V AC
- Relays 5Amp @ 60 VDC

**DMX- 8-Ch Relay PRO**  
( BPE # DMX -1562 )



- PC / MAC Interface
- 850 Frames per Second
- USB Port Access / Cable
- DMX Status LED
- XLR- 5pin In/Out
- Universal DMX Protocol

**USB-DMX PRO Interface**  
( BPE # ENT-0100 )



- Rotart Switch 3 Digits
- Base address 0 to 512
- Ribbon Cable Connection
- DMX Logic
- DIP Switch Replacement
- Panel Mounted

**DMX Rotary Address Module**  
( BPE # DWT-002-X )



- 2.4 Ghz Operation
- 512 Channels Frequency Hopping
- 4-Groups - ID
- LCD- DMX Status
- 4- Power Levels
- Transmitter or Receiver
- 1,300 feet range line of sight

**DMX-Wireless RX-TX System**  
( BPE # DMC-2080 )



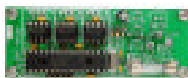
- 2.4 Ghz Operation
- TriColor LED Status
- 7-Groups - ID
- 512 Auto-assigning Frequencies
- Ultra-compact form
- Transmitter or Receiver
- 985 feet range line of sight

**DMX- Wireless Dongle TX-RX SET**  
( BPE # DMX-2090 )



- Digital Display- 3 Digits
- Base address 1 to 511
- Ribbon Cable Connection
- DMX Logic
- DIP Switch Replacement
- Panel Mounted

**DMX- Digital Address Module**  
( BPE # DMX-003-D )



- 2 in 1 out software processed
- HTP - DMX Protocol
- Append / Merge / Backup Modes
- DMX Status Logic Protocol
- XLR 5pin In / Out
- Multiple Universes /Functions
- 9VDC at 0.5 Amp Operation

**DMX - Merger Board**  
( BPE # DMX-9148 )



- DMX Protocol Analysis
- 4-Ch LCD Display
- Bar Graph / Decimal Display
- Hexadecimal Display
- Percentage Display
- DMX Data Display
- Dual Channel Input
- 9VDC operation

**DMX - Analyzer Module**  
( BPE # DMX-9144 )



- Servo PWM to Analog
- 0 - 10 Output or Adjustable
- Quick Connectors

**Servo to Analog Converter**  
( BPE # PWC-2202 )



- 8 Digital relay outputs
- Base address 1 to 505
- 12 Volt dc Power-0.5Amp
- DMX Status-Relay Logic
- Relays 10Amp @240V AC
- Relays 5Amp @ 60 VDC

**DMX - 8Ch Relay in Case**  
( BPE # DMX-3017 )



- 255 MP3 File Playback
- CF Flash Card Memory Storage
- 4-DMX Channels required
- DMX Address 1 to 509
- Line Outputs - Dual RCA Connectors
- Audio L/R - Playback Features
- DMX / Playback Status LED's

**DMX - PRO MP3 Controller**  
( BPE # DMX-7000 )



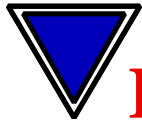
- 8 Ch Mono- 4Ch Stereo Out
- Base address 8 to 504
- Audio Taper Potentiometers
- DMX Status-Logic
- 9 VDC Operation
- 5 Pin XLR-1/4" Audio Jacks

**DMX - Audio Potentiometer**  
( BPE # DMX-5025 )

Product Information Subject to Change

For more information on these products or to place an order

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## DMX Controllers Cont.

Product Line Overview  
02/2013



- 8 Channels RF
- Handheld Transmitter
- 4-CH DMX Remote Control
- Analog to DMX Converter
- Remote Switch / Sensors
- Hybrid System

### DMX RF Manual Control

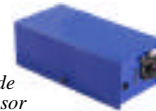
( BPE # RDX-2014, 2015 )  
( BPE # DMX-9148 )



- 60 DMX Scenes
- 124 Channels per Scenes
- Custom Control Software
- Scene order, dration, cross-fade
- 4 External Inputs- Switch / Sensor
- 12 VDC operation

### DMX- Sequencer

( BPE # DMX-9378 )



- Ethernet to DMX Converter
- Art-Net Output Node
- Universe 0:0 Node
- Cat5 Cable distribution
- 1In 1 Out Protocol
- Status LED's
- ARM 32bit Processor

### DMX- Ethernet Box

( BPE # ENT-6783 )



- DMX512 Streaming Recorder and Playback with Features
- 12 Volt dc Power-0.5Amp
- 26 Shows / 23 Hrs Recording
- Remote Switch / Sensor Trigger
- Clock Features
- Full DMX512 Recording

### DMX Recorder/Playback

( BPE # ENT-0113 )  
( BPE # ENT-0113S ) - 8Ch Switch



- DMX Recorder/Playback
- 4-Ch Manual Slider
- Software Interface
- Setup / Playback Features
- Handheld - 9VDC battery

### DMX - Mini Controller

( BPE # DMX-0098 )



- 8 Manual Sliders
- 1 Preset Slider
- DMX Playback Features
- Standard DMX512 Driver Output
- 8 Scenes Selection
- VDC Input - 12v / Battery Powered

### DMX 8CH Manual Controller

( BPE # MCS-0344 )



- iPad, iPhone DMX Controlled
- DMX512 Output
- 5 Pin XLR Connector
- WIFI / Ethernet Wireless Interface
- 12 VDC Operation
- Boxed Hardware

### DMX Wireless iPad Controller

( BPE # IPAD-0913, 0911 )



- 8 Digital Channels
- LCD Display 8 Ch's
- 0-100 VDC at 100 mA max
- Display Values 0.0-9.9 VDC
- On Board Connection / Power
- DMX Merger Interface

### 8-CH Analog Voltage Display

( BPE # AVM-2011 )



- XLR Connectors
- 10 Feet
- 5pin M XLR
- 5pin F XLR

### XLR - Cable -3/5 PIN

( BPE # DMX-0032 ) - 3pin M/F  
( BPE # DMX-0033 ) - 5pin M/F



- XLR Connectors
- 6" Cable
- 3-5pin M/F options

### XLR - Cable Adapter 5-3 PIN

( BPE # DMC-0029 ) - 5pinF-3pinM  
( BPE # DMC-0030 ) - 5pinM-3pinF



- XLR Connectors
- 2 Foot Cable / Black
- 5pin M XLR
- 5pin F XLR

### 2 Foot XLR - Cable

( BPE # DMX-0036 )



- 3pin M/M or 3pin F/F
- Metal Housing
- XLR - Connectors 3pin
- Approx 3-1/2" long

### M/M-F/F XLR Adapter

( BPE # DMX-0037 ) - 3 Pin M/M  
( BPE # DMX-0039 ) - 3 Pin F/F



- 8 5pin XLR M/F
- Wire Block

### XLR - Wire Blocks 3/5pin -M/F

( BPE # DWT-6262 ) - 5pin M/F XLR's  
( BPE # DMC-6210-6212 ) - 5pin M/F XLR's



- Solid State Relay
- 8 Amp AC Loads
- DMX-1 Ch Relay Required
- On Board Connectors

### DMX Relay SS-AC Voltage

( BPE # SDM-0111 )  
( BPE # DMX-3010 )



- Solid State Relay
- 8 Amp AC Loads
- DMX-1 Ch Servo Required
- On Board Connectors

### DMX Relay SS-AC Voltage

( BPE # DWT-6262 )  
( BPE # DMX-5010 )



- DMX handheld Controller
- 512 Addressable
- Data Speed 44hz
- 8 Fades with bump buttons
- 9VDC Battery / AC wall adapter
- Small size 6-5/8x1-1/4x1-3/8
- Single Universe

### DMX Control / Test Console

( BPE # DMX-6606 )



- DMX Controller
- Wireless
- Battery Operated
- Builtin FX Functions
- Status LED's
- Compact 3-Watt LED's
- Many Features / Functions

### DMX- Wireless LED Lighting

( BPE # DXL-1007 )

*Product Information Subject to Change*

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# DMX Controllers Cont.

Product Line Overview

02/2013

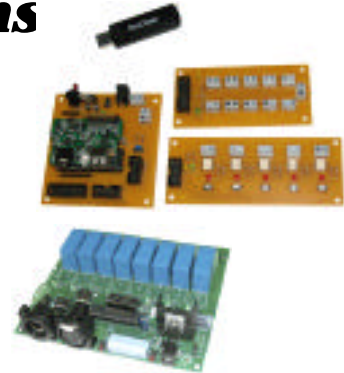
## DMX Hybrid Systems



**DMX- MP3 Playback System**  
10 Channels  
(SD Card Interface)



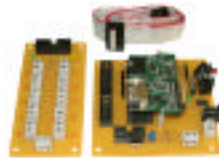
**DMX- MP3 Playback System**  
10 Channels  
(USB Interface)



**DMX- MP3 Playback System**  
10 Channels Audio - S/R Option  
5 Ch SS Relays  
(USB Interface)



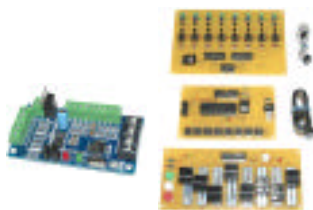
**DMX- Wizard-11**  
Controller System



**DMX- MP3 Playback System**  
10 Channels  
(USB Interface)



**DMX- MP3 Playback System**  
199 Channels  
(USB Interface)



**DMX- Manual**  
Analog Control  
System with  
Merge / Record



**DMX Lightning Wire**  
Driver 4- Channel  
Control



**DMX- MP3**  
Audio Playback  
and Autotalk  
Servo Controller

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## ***DMX Controllers Cont.***

### ***DMX Hybrid Systems cont.***



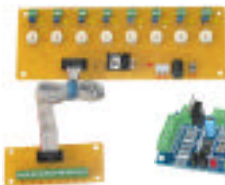
**1-Ch DMX DC Motor  
Controller  
CW/CCW Rotation  
with Logic**



**1-Ch DMX AC Voltage  
- ON / OFF Controller**



**DMX Merge  
with DC Voltage  
Analog Interface**



**DMX- Handheld Wireless 4-Ch  
Remote Trigger System**

**Many Other DMX Hybrid Systems Available  
Contact Blue Point Engineering for more  
information**

*Product Information Subject to Change*

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