

Programmable
DMX512 and Ultraplex™ Dimmer Packs



ANSI/UL-508 Standard*, certified by ETL Laboratories

The "MD" Professional Series Digital solid state dimmers feature ETA® Systems' exclusive "two dimmers in one." Built into every four or eight channel model are two Protocol Control Systems; both digital DMX512 and Multiplex. The analog signal, 0-10V DC, is optional. Cable connections are standard 5-pin DMX or 3-pin Microphone. Optional analog requires ETA's 4-channel analog cables and easy field-conversion with 6-pin din connector kit. Simply connecting the cable establishes the required protocol because the microprocessor controlled system immediately senses the signal.

Models are available in portable four channel units which are designed for truss or tripod mounting; and permanent, rack mounted units

(8 channel dimmers available in rack mounted only). Truss or tripod mounted units include one or two 24" standard 20 amp 120V power cord(s). Rack mounted dimmers are terminal block, ready for for wiring. UL power out options include dual Edison plugs and terminal block connections. All channels are always individually circuit breaker protected.

Special features on rack-mounted models include magnetic protection breakers, SCR power control, and on all models, toroidal audio noise control filters. The dimmers are U.S.A. engineered, made to the highest quality standards established by ETA® Systems, and backed by a one-year limited warranty on parts (except SCRs which are 60 days) and workmanship.

Features:

- Multiple protocols: DMX512 and Ultraplex™ (multiplex); 0-10V DC Analog is optional and requires field modification kit
- Microprocessor monitored system featuring: 4 or 8 channel models with 0.6 KW, 1.2KW or 2.4KW of power
- Simplified channel assignment utilizing decimal switches on front panel
- Low Voltage Protection – reset breaker located on front panel
- Channel Test Circuitry – located on front panel
- 10 built-in chase sequences and 10 speeds
- Individual channel field conversion to relay function
- Dual Edison plugs or knock-outs with internal terminal block connectors
- Individual channel circuit breakers
- Cooler and safer operation
- ETL listed
- One-year limited warranty

DIMMER SERIES FEATURES:

	MD460-24 DMX512	MD412-48 DMX512	MD412 DMX512	MD812 DMX512	MD824 DMX512
Channels	4	4	4	8	8
Wattage/Channel	600	1200	1200	1200	2400
Total Wattage	2400	4800	4800	9600	19200
Circuit Breaker	Thermal	thermal	magnetic	magnetic	magnetic
Output	1-dual Edison/channel	1-dual Edison/channel	2-dual Edison/channel	1-dual Edison/channel	1-dual Edison/chann
Fan Cooled	No	no	yes	yes	yes
Noise Filter	Toroidal				
Chassis Mount	Truss/tripod	truss/tripod	19" x 3 1/2" std. rack	19" x 3 1/2" std. rack	19" x 3 1/2" std. rack
Control Type	Dual SCR				
ETL Listed	yes				

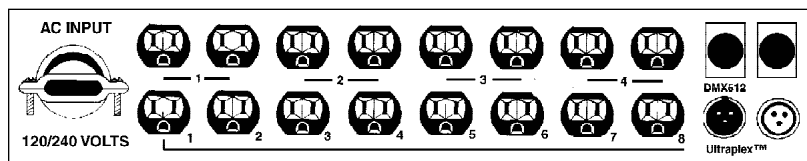
Remote Control Input

Digital	DMX512 and ETA® Ultraplex™ (Multiplex) standard
Analog	0-10V DC – optional field installation kit

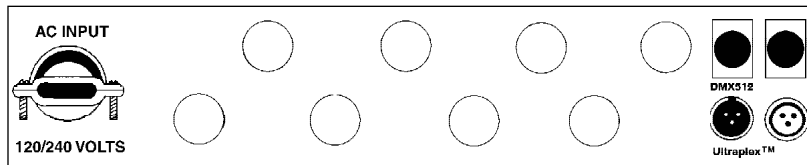
Remote Control Connector

Digital	5-pin DMX512 connector in/out and 3-pin Ultraplex™ in/out				
Analog	Dual 5-pin din in/out				
AC power connector	24" power cord	2-24" power cords	Terminal block	Terminal block	Terminal block
Phase	Single	multi	single or any two-phases of three-phase power		
Power required at full load	20A @120V AC	20A/ phase @120V AC per phase	20A/ phase @120V AC per phase	40A/ phase @120V AC per phase	80A/ phase @120V AC per phase
Dimensions	15" x 9" x 4"	15" x 9" x 4"	19" x 3 1/2" x 16 3/4"	19" x 3 1/2" x 16 3/4"	19" x 3 1/2" x 16 3/4"
Weight	11 lbs.	11 lbs.	35 lbs.	35 lbs.	43 lbs.
Optional Output Panels	N/A	N/A	Terminal block	Terminal block	Terminal block

DMX512 and ULTRAPLEX™ PROFESSIONAL DIGITAL DIMMER SERIES BACK PANELS



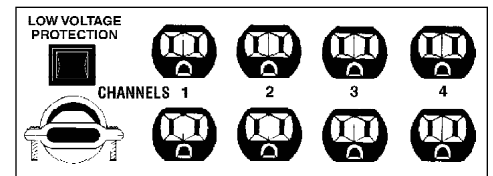
MD412DMX512 / MD812DMX512 / MD824DMX512



MD412DMX512KO / MD812DMX512KO / MD824DMX512KO



MD412-48 DMX512
MD460-24 DMX512
OUTPUT CONFIGURATION



MD412-48 DMX512 / MD460-24 DMX512

ETA® SYSTEMS

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