GAM PRODUCTS, INC.
4975 West Pico Blvd. TEL: [323] 935.4975
Los Angeles, CA 90019 FAX: [323] 935.2002
www.gamonline.com

TwinSpin™ THE DUAL PATTERN ROTATOR

SX4®

GAMSPIN POWER SUPPLY INSTRUCTIONS FOR INDEXING TWINSPIN™ & SX4® 4 & 6 GOBO TRAYS

The GAMSpin indexable power supply provides power and the control signal for up to 8 GAM Indexable TwinSpin™ or SX4® Gobo Tray units. Please see separate instructions for their operation.

Power Requirements	120 Volts AC, 4 Amperes (230 volt model available) Non-Dim circuit				
DMX-512 Signal Input	Standard 5 pin male XLR				
DMX-512 Signal Feed Thru	Standard 5 pin female XLR				
Power Out[2]	4-pin XLR	Pin 1	-24 V DC	Pin 2	DMX signal, re-routed
		Pin 4	+24 V DC	Pin 3	DMX signal, re-routed
Capacity	8 Indexable TwinSpins™ and/or SX4® Gobo Trays				

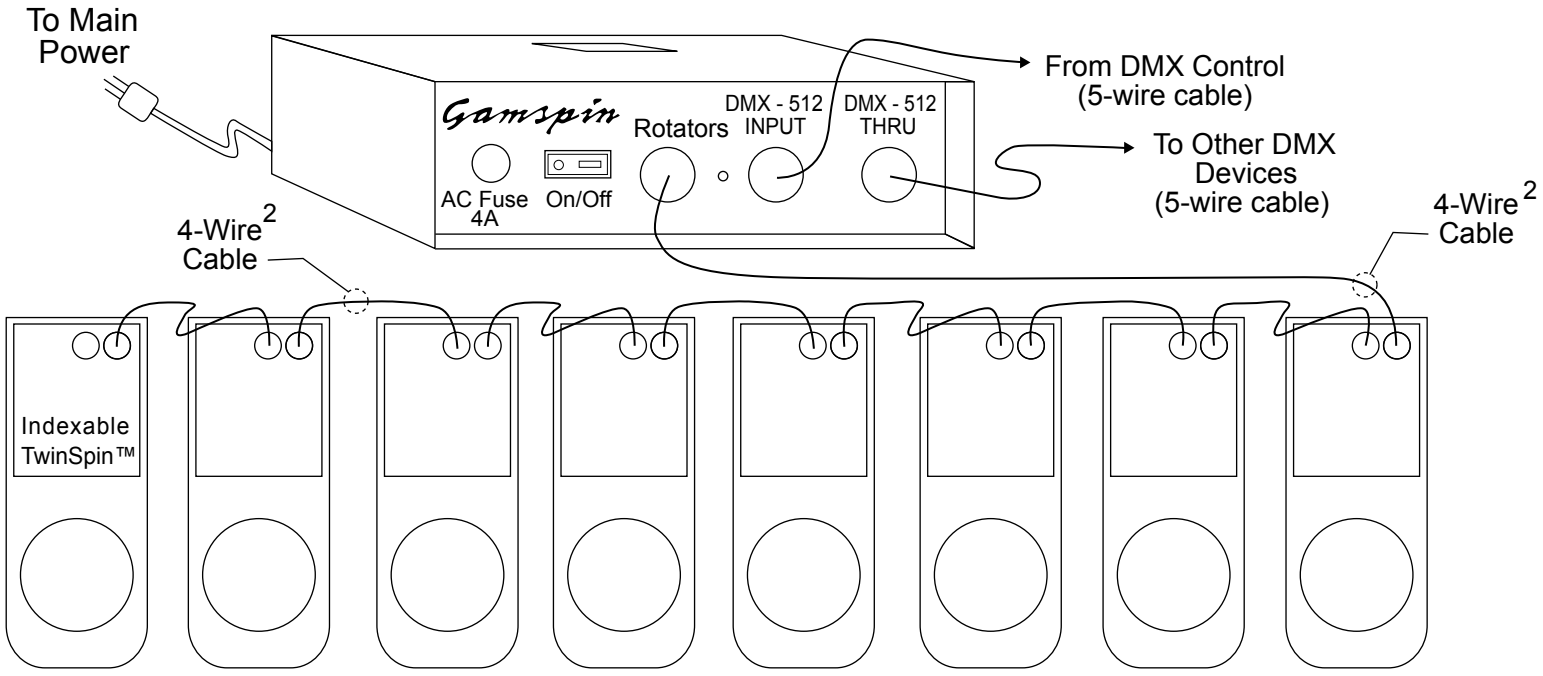
The GAM indexable TwinSpins™ have 8 modes of operation which are controlled by and require a DMX-512 signal. In addition there are four, pre-programmed, stand-alone modes (modes 0,5,6 & 7) that require only a 24 volt supply and no control signal.

The GAMSpin Power Supply Unit (PSU) powers the TwinSpins™ via the 4-pin XLR output. The control signal is fed into the power supply and re-routed to the output connector.[1] Up to 8 units can be powered by one PSU via a "daisy chain" - each unit in series using the input and output connectors on the individual rotators (as is the practice with all DMX controlled equipment).

Use 4-wire, 4-pin XLR cable.[2] Connect the PSU to the first rotator, then use the output from the first to feed the second, and continue the "daisy chain" through any additional units.

Connect the DMX signal to the PSU input using standard DMX cable (5-wire, 5-pin XLR).

You may connect the DMX-512 thru to other PSU's, dimmers or color changers if needed.



[1]Except for this re-routing and protection circuitry, there is no processing of the DMX signal. All decoding of the digital signal is accomplished within the Indexable TwinSpin™ Unit or SX4® Gobo Tray Unit.

[2]Use only cable that has **heavy gauge (#14) conductors for power (pins 1 & 4)**, and lighter gauge for the signal (pins 2 & 3). The heavy gauge is most important with long cable runs and if the "daisy chain" is fully loaded. This style cable is similar to standard color changer cable.