SnakeSys network products enable DMX data, media data and control data to be distributed throughout the lighting rig from control consoles to fixtures. SnakeSys products can be used with any lighting console or media server – they are independent of MagicQ products.

About SnakeSys products

Wherever possible, all components are mounted on a single circuit board to avoid the need for interconnecting cables. SnakeSys products are designed at a 'chip' level, rather than repackaging IT products.

SnakeSys products are designed and manufactured in the UK using quality electronic components, and are designed for reliability.

SnakeSys B4

Neutrik Ethercon connectors

SnakeSys products use professional locking Neutrik Ethercon connectors for all network connections, thus avoiding the limited lifetime associated with traditional RJ45 network plugs and sockets.

Neutrik Powercon connectors

SnakeSys products use professional locking Neutrik Powercon connectors for power input, ensuring a reliable power input. All SnakeSys products accept voltages from 90V to 250V AC without needing any changes.

In-built battery backup

Where appropriate, SnakeSys products have in-built battery backup to protect against unexpected power loss.

Supported protocols

SnakeSys products support Art-Net I, Art-Net II and Art-Net III, along with ACN Streaming DMX network protocols. The DMX512 ports are fully configurable with DMX packet length, framing rate, and timings. RDM support subject to firmware development.

Power over Ethernet

SnakeSys products support Power over Ethernet – the SnakeSys truss and box nodes can both be powered directly from the 1U rack nodes and switches using Power over Ethernet rather than from the mains – this reduces the number of cables in the system.

SnakeSys products support firmware updates over the network, enabling the products to be easily upgraded to support new features.