



Chroma-Q™ Magic Box™ EtherSwitch 7™ (1 Gigabit)

**Part No:
CHES07**

S P E C I F I C A T I O N S H E E T

V 1.4

DESCRIPTION

The unit shall:

- Provide a heavy duty, high speed unmanaged network switch that supports simultaneous computer connections.
- Be equipped with seven shielded EtherCon ports (RJ45) providing 10 / 100 / 1000 Mbps bandwidth in full-duplex mode.
- Be designed for Cat5e cable lengths of up to 90m / 295ft per (RJ45) port.
- Enable the concurrent use of various multimedia devices within a network without traffic restrictions.
- Be designed for customised front of house racks.
- Utilise the unique Magic Box interlocking enclosure to facilitate rack mounting when used in single units or pairs and easy truss mounting via captive nut insert.

FEATURES

- Two shielded EtherCon ports (RJ45) at the front panel.
- Five shielded EtherCon ports (RJ45) at the rear panel.
- Easy to see status LED for each port.
- Designed for Cat5e cable lengths of up to 90m / 295ft per (RJ45) port.
- Designed for customised front of house racks.
- Unique Magic Box interlocking enclosure facilitates easy rack mounting when used in single units or pairs and easy truss mounting via captive nut insert.
- Rack mounting brackets are available in single and dual unit versions to enable customisation of equipment racks or installations.
- Upgradable to EtherSwitch 7F (Fibre).

OVERALL SPECIFICATIONS

| | |
|-----------------------------------|--|
| Net Dimensions: | Width (A): 220mm / 8.6" Height (B): 88mm / 3.5" Depth (C): 280mm / 11" |
| Net Weight: | 3.5kg / 7.8lbs |
| Shipping Dimensions: | Width: 250mm / 9.8" Height: 125mm / 4.9" Depth: 300mm / 11.8" |
| Shipping Weight: | 4kg / 9lbs |
| Power: | 100-240V AC, 50-60Hz, 0.4A |
| Power Connector: | IEC chassis male |
| Ethernet Switch Type: | Intelligent store & forward |
| Ethernet Protocols: | All IEEE 802.3 |
| RJ45 / EtherCon Port: | Shielded 10BaseT / 100BaseTX / 1000BaseT |
| RJ45 / EtherCon: | Auto-negotiation |
| RJ45 / EtherCon MDI / MDIX: | Auto-crossover |
| RJ45 / EtherCon TD & RD Polarity: | Auto-polarity |
| MAC Addresses Supported: | 8192 |
| VLAN Supported: | 4096 |
| Jumbo Frame Support: | Up to 9.6K |
| Buffer Memory: | 144 Kbytes |
| Memory Bandwidth: | 16 Gbps for full wire speed on all ports |
| Forwarding Rate: | 10 Mbps: 14,880pps 100 Mbps: 148,81pps 1000 Mbps: 1488,1pps |
| Port Connection: | Link and activity LED |
| Power: | Power LED |
| Max Cat5e Cable Run: | 90m / 295' |
| Colour: | Black |

ORDERING INFORMATION

| Model | Part No. |
|----------------------------------|----------|
| Chroma-Q Magic Box EtherSwitch 7 | CHES07 |

ACCESSORIES

| Model | Part No. |
|---|-----------|
| Chroma-Q pair of Magic Box rack ears | CHMBEAR |
| Chroma-Q pair of Magic Box extended rack ears | CHMBEAR-1 |
| Chroma-Q EtherSwitch Fibre Upgrade | CHESFU |

www.chroma-q.com

