



## Magic Box EtherSwitch 7



The Chroma-Q™ Magic Box™ EtherSwitch 7™ is a heavy duty, high speed unmanaged network switch that supports simultaneous computer connections. Designed to satisfy the requirement of entertainment touring applications, the EtherSwitch 7 is equipped with seven shielded EtherCon ports (RJ45) providing 10 / 100 / 1000 Mbps bandwidth in full-duplex mode. This stand-alone unit enables the concurrent use of various multimedia devices within a network without traffic restrictions.

The 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 unit and dual unit versions, enabling you to customise your equipment rack or your installation by mixing and matching different Magic Box interfaces.

### Key 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.
- ▶ Upgradable to EtherSwitch 7F (Fibre).

## Magic Box EtherSwitch 7F

In addition to being equipped with seven shielded EtherCon ports (RJ45), the EtherSwitch 7F™ features one OpticalCon fibre optic connector, together providing 10 / 100 / 1000 Mbps bandwidth in full-duplex mode. All other features are shared with the EtherSwitch 7.

### Key Features

- ▶ One OpticalCon fibre optic connector at the rear panel.
- ▶ Two shielded EtherCon ports (RJ45) at the front panel.
- ▶ Five shielded EtherCon ports (RJ45) at the rear panel.
- ▶ Designed for fibre optic cable lengths of up to 550m / 1800ft.
- ▶ 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.

### EtherSwitch 7 & 7F Specification

<b>Product Code</b>	CHES07 / CHES07F	<b>MAC Addresses Supported</b>	8192
<b>Dimensions</b>	220mm x 88mm x 280mm / 8.6" x 3.5" x 11"	<b>VLAN Supported</b>	4096
<b>Weight</b>	3.5kg / 7.8lbs	<b>Jumbo Frame Support</b>	Up to 9.6K
<b>Power</b>	100-240V AC, 50 / 60Hz, 0.4A, IEC chassis male	<b>Buffer Memory</b>	144 Kbytes
<b>Ethernet Switch Type</b>	Intelligent store & forward	<b>Memory Bandwidth</b>	16 Gbps for full wire speed on all ports
<b>Ethernet Protocols</b>	All IEEE 802.3	<b>Forwarding Rate</b>	10 Mbps : 14,880pps, 100 Mbps : 148,81pps, 1000 Mbps : 1488,1pps
<b>RJ45 / EtherCon Port</b>	Shielded 10BaseT / 100BaseTX / 1000BaseT	<b>Port Connection</b>	Link and activity LED
<b>RJ45 / EtherCon</b>	Auto-negotiation	<b>Max Cat5e Cable Run</b>	90m / 295ft
<b>RJ45 / EtherCon MDI/MDIX</b>	Auto-crossover	<b>Colour</b>	Black
<b>RJ45 / EtherCon TD and RD Polarity</b>	Auto-polarity	<b>Accessories</b>	CHIMBEAR Chroma-Q pair of Magic Box rack ears CHIMBEAR-1 Chroma-Q pair of Magic Box extended rack ears

### EtherSwitch 7F Specification Only

<b>OpticalCon Port</b>	1000 Mbps	<b>Max Fibre Optic Cable Run</b>	550m / 1800ft multi-mode 50 / 125
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For the latest news and information on the Chroma-Q range, visit [www.chroma-q.com](http://www.chroma-q.com)

For more details, contact: