



Magic Box



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

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

EtherSwitch 7F Specification Only

OpticalCon Port	1000 Mbps	Max Fibre Optic Cable Run	550m / 1800ft multi-mode 50 / 125
------------------------	-----------	----------------------------------	-----------------------------------

For the latest news and information on the Chroma-Q range, visit www.chroma-q.com



UK & International Sales
A.C. Entertainment Technologies Ltd.
Tel: +44 (0)1494 446000
Fax: +44 (0)1494 461024
sales@ac-et.com
www.ac-et.com

Northern UK Sales
A.C. Entertainment Technologies Ltd.
Tel: 0113 255 7666
Fax: 0113 255 7676
acnorth@ac-et.com
www.ac-et.com



North American Sales
A.C. Lighting Inc.
Tel: +1 416-255-9494
Fax: +1 416-255-3514
northamerica@aclighting.com
www.aclighting.com

Asian Sales
A.C. Lighting Asia KK
Tel: +81 (0)48-475-9377
Fax: +81 (0)48-475-9355
sales@aclighting.jp
www.aclighting.jp