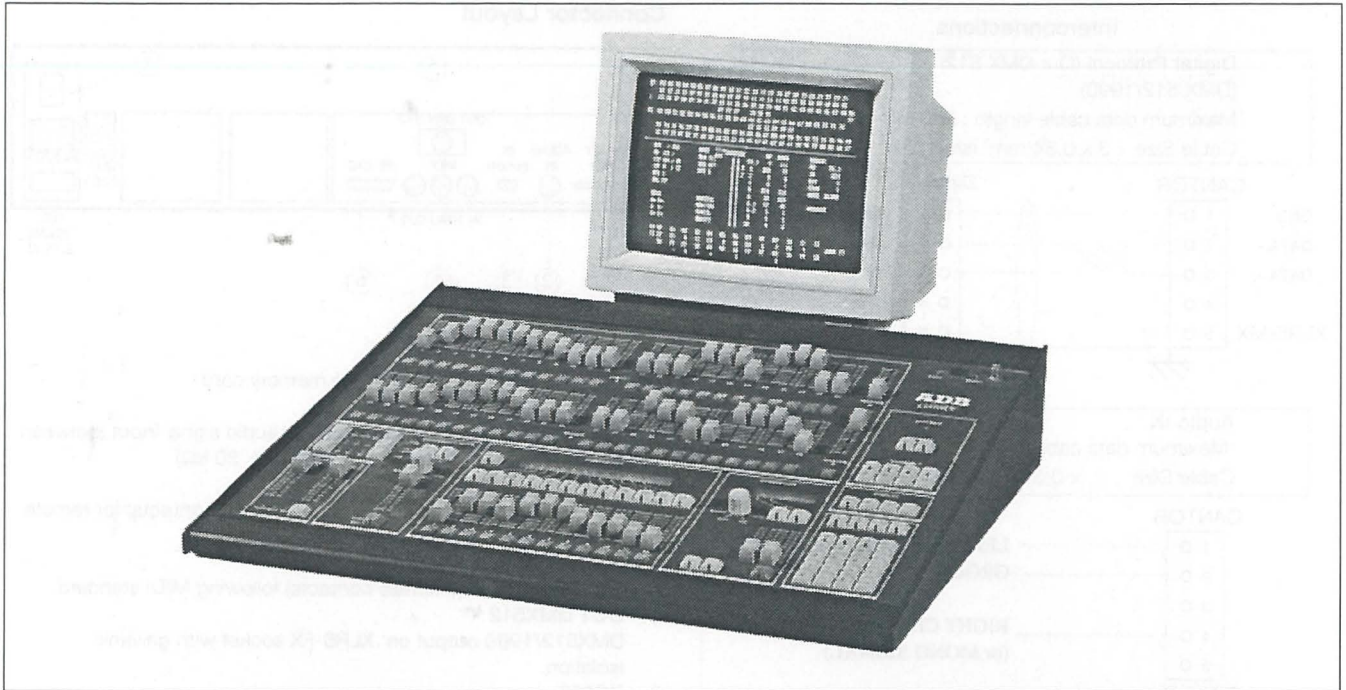


CANTOR 96

96 Channel Memory / Effects
Professional Lighting Control Desk

ADB
A Siemens Company

DE 1096



Main Operating Features

- **2 independent modes (MANUAL and MEMORY)** : each mode features different patch and "limits".
- **Selectable** between 24 channels / 2 presets or 48 channels / 1 preset or 96 channels / 1 preset / 2 fader pages.
- **Decimal keyboard.**
- **12 play-back** submasters for memories or effects; recording of the total outputs (Sum) can be achieved in only one operation; direct access for modification of level intensities; audio modulation.
- **2 crossfade** submasters (stage and preset), manual or automatic, sequential, with override of fade time; access within both submasters for level modifications.
- **Flash** : mode selection (normal / solo), 48 individual flash keys (1 per channel), 2 flash keys for preset masters A & B, 12 individual keys (1 per submaster and 1 grand master flash).
- **Special Effects** : preprogrammed chasers (9) and effects (9); 3 different profiles (cut, fade-in/fade-out, saw teeth); 3 movements (forwards, backwards and balancier); 2 modes (positive and negative); 1 audio control; 1 potentiometer for speed override (in real time).
- **Memory** : 20 banks stocking different cues for the 12 playback-submasters; up to 200 memories.
- **Patch** : no limit per channel but with a total amount of maximum 512 dimmers
- **MID (IN - THRU - OUT)** : programmable MIDI input and output (note on/off, control change, program change)
- **Display** : 48 red LED's for actual outputs to dimmers; 48 green LED's for display when working in the "blind" mode ; 2 LCD displays (2 x 40 + 2 x 16 characters).
- **External Lines** : 8 programmable lines.
- **Library storage** : instant recording and retrieving on memory card or via PC link on 3.5" disk.
- **Menu** : mode selection, green LED's display next memory in preset; selective data for storage; softkey programming (macros); external lines programming; MIDI; peripherals (monitor, printer, PC-link for off-line editing and data back-up); colour changer function.

Desk with DMX512/1990 output CANTOR 96 / DMX

Supplied with :

- 1 power supply cable (2 m)
- 1 XLR 5 M plug (male) for DMX512/1990 data cable
- 1 user manual (specify language with order)

Options

- Control panel for external lines PUP/EXT/LIN
- Monitor, RS232, 14", monochrome MON / CANT
- Printer Kit (printer, data cable, 2000 sheets) KIT / PRINT

Characteristics

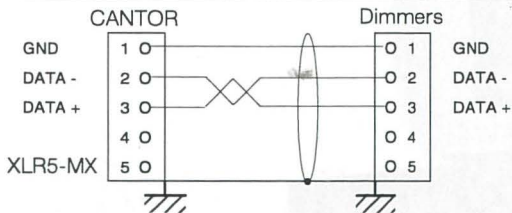
Power Supply : 220 - 240 V - 50 H z
Consumption : 3.15 A

Dimensions
Length x Width : 610 x 685 mm
Height : 30 - 135 mm
Net Weight : 11.8 kg

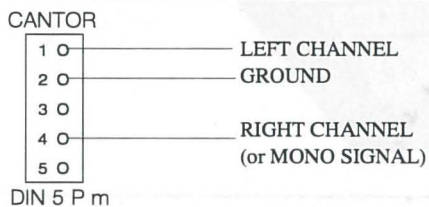
Packing
Dimensions : 760 x 700 x 230 mm (0,122 m³)
Gross Weight : 14 kg

Interconnections

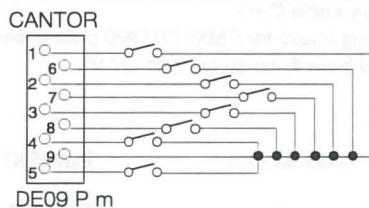
Digital Protocol (Out DMX 512)
(DMX 512/1990)
Maximum data cable length : 250 m
Cable Size : 3 x 0.34 mm² (shielded)



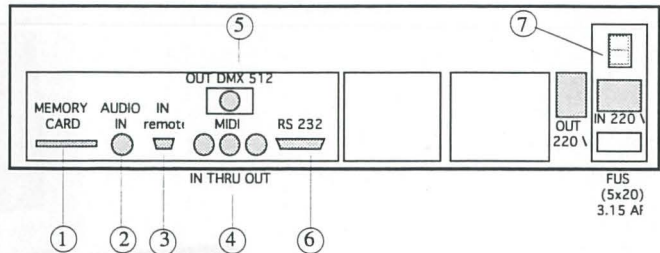
Audio IN
Maximum data cable length : 30 m
Cable Size : ... x 0.34 mm²



External Lines (8 lines- IN remote)
Maximum data cable length : 250 m
Cable Size : ... x 0.34 mm²



Connector Layout



- 1 **MEMORY CARD**
Insertion slot for library storage memory card
- 2 **AUDIO IN**
DIN 5 socket (5 female contacts) for audio signal input (between 10 mV and 20 V - input impedance : +/- 20 kΩ)
- 3 **IN REMOTE**
Auxiliary input on DE09-S socket (9 female contacts) for remote control of the programmable external lines
- 4 **MIDI (IN, THRU, OUT)**
3 DIN 5 sockets (5 female contacts) following MIDI standard.
- 5 **OUT DMX512**
DMX512/1990 output on XLR5-FX socket with galvanic isolation.
- 6 **RS232**
DB25-S socket (25 female contacts) for connection to peripherals.
- 7 **IN 220 V**
Two-pole switch, fuse (3.15 A - 5 x 20) and power supply socket (male type IEC 320-C14)

Accessories

- 64 K Long Life Memory Card
- Desk Lamp
- Flight case for CANTOR
- Flight case for Monitor
- 2-Wooden Side Mounting Kit
- Dust Protection Cover
- DIN 5 M Plug
- DE09 M Plug + cover
- DA15 S Receptacle + cover
- XLR 5 M Plug

MEMOCARD/64K
WORKLIGHT
FLY/CANTOR
FLY/MON/CANTOR
WOOD/CANTOR
HOUSSE/CANTOR
DIN/5M
DE09M/CP
DA15F/CP
XLR 5 MX

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