

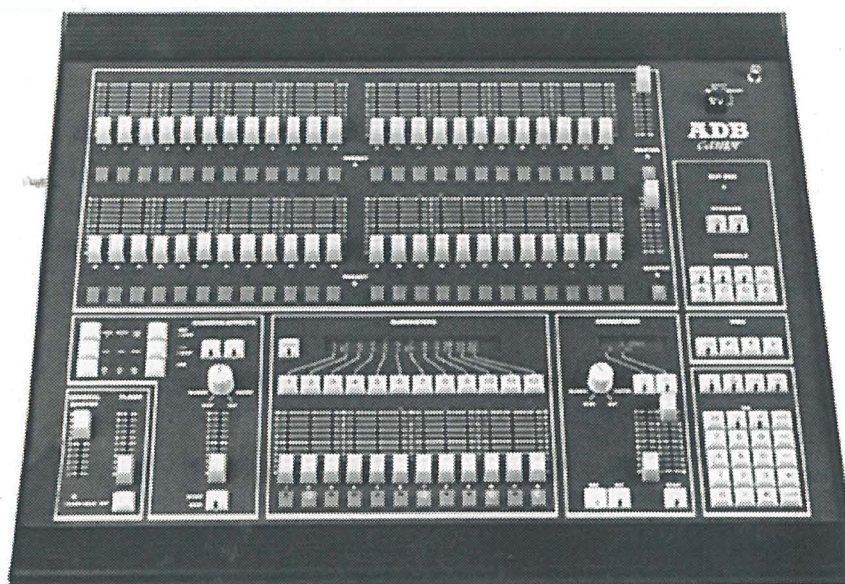
# CANTOR

48 Channels Memory / Effects  
Professional Lighting Control Desk

# ADB

A Siemens Company

DE 1055



## Description

- 2 independent modes (MANUAL and MEMORY) : both modes feature completely different patch and "limits".
- either 24 channels with 2 presets or 48 channels of 1 preset.
- 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
- 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 on memory card : instant recording and retrieving.
- Menu : mode selection, green LED's display next memory in preset; audio signal for error on/off switch ; selective data; softkey programming (macros); external lines programming; MIDI.

## References

Desk with DMX512/1990 outputs **CANTOR / DMX512**

Pupitre with DMX512/1990  
+ analogue outputs **CANTOR / ANA**

Supplied with :

- 1 power supply cable (2 m)
- 1 XLR 5 M plug (male) for DMX512/1990 data cable
- 2 Socapex plugs (male) for analogue data cables (only for "CANTOR/ANA" version)
- 1 user's manual d'utilisation (precise language with order)

## Options :

- Analogue Output Conversion Kit  
370  $\mu$ A and 0/+10 V for 48 channels **PIL48/CANTOR**
- Control panel for external lines **PUP/EXT/LIN**

## Characteristics

Power Requirement : 220 - 240 V - 50 H z  
Consumption : 3,15 A

## Dimensions

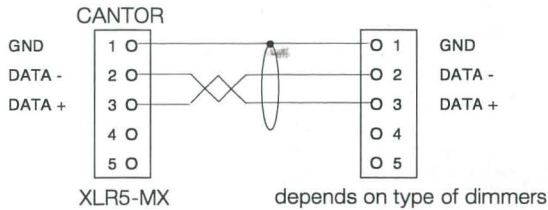
Length x Width : 610 x 685 mm  
Height : 30 - 135 mm  
Net Weight : 11.8 kg

## Packing

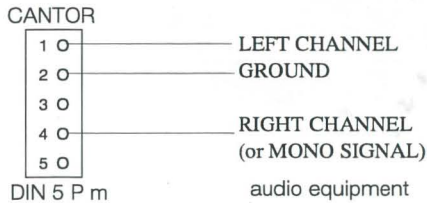
Dimensions : 760 x 700 x 230 mm (0,126 m<sup>3</sup>)  
Gross Weight : 14 kg

## Interconnection Cables

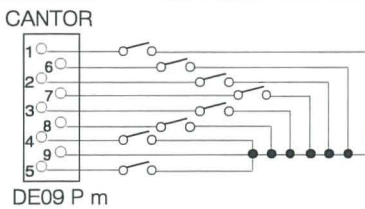
Digital Protocol (out dmx 512)  
(DMX 512/1990)  
Maximum data cable length : 250 m



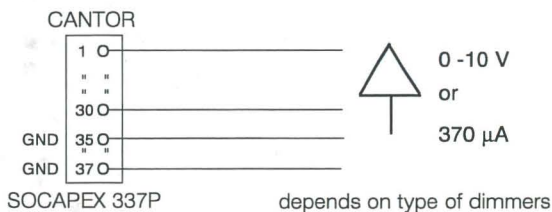
Audio in  
Maximum data cable length : 30 m  
Cable Section : ... x 0.34 mm<sup>2</sup>



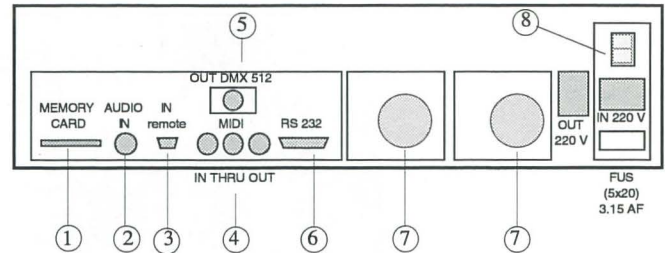
External Lines (8 lines- in remote)  
Maximum data cable length : 250 m  
Cable Section : ... x 0.34 mm<sup>2</sup>



Analogue Outputs (out pil 0-10V or 370 µA)  
Maximum data cable length : 250 m  
Cable Section : ... x 0.34 mm<sup>2</sup>



## Connector Display



- 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. For software version 1.3, MIDI IN is the only one used.
- 5 **OUT DMX512**  
DMX512/1990 Output on XLR5-FX Socket with galvanic isolation.
- 6 **RS232**  
DB25-S Socket (25 female contacts) for connection to eventual extensions (not used in software version 1.3).
- 7 **OUT PIL 0 - 10 V or 370 µA**  
Two SOCAPEX sockets for analogue output signal (option)
  - first socket is used for dimmers 1 to 30
    - contacts 1 to 30 : dimmers 1 to 30
    - contacts 35 to 37 : 0 V
  - second socket is used for dimmers 31 to 48
    - contacts 1 to 18 : dimmers 31 to 48
    - contacts 35 to 37 : 0 V
- 8 **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
  - 2-Wooden Side Mounting Kit
  - Dust Protection Cover
  - DIN 5 M Plug
  - DE09 M Plug + cover (6117.27.057)
  - DA15 S Receptacle + cover (6117.37.030)
  - XLR 5 M Plug
  - 37 contact Socapex Plug (+ cover 6117.47.070)
- MEMO CARD/64K  
WORKLIGHT  
FLY/CANTOR  
WOOD/CANTOR  
HOUSSE/CANTOR  
DIN/5M  
DE09M/CP  
DA15F/CP  
XLR 5 MX  
SOC/337**

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