

CAN 001

CAN 001 A & B option

INTRODUCTION

The CAN system is intended to the study of networks :

- CAN (Controller Area Network) Industrial Local Network, as a support of the car steering wheel hand control (lights & windscreen wipers),

It is proposed in two subsystems :

- **CAN 001 A** : equipped model, light car signals,
- **CAN 001 B** : control model & windscreen wiper motor speed control.

AREAS OF APPLICATION:

- ◆ TECHNICAL COLLEGES,
- ◆ UNIVERSITIES.

INCLUDING :

The **CAN 001 A** pack option is constituted of one PVC base onto which the Inputs / Outputs CAN boards & bus are located. It is an optional version of the EID210B basic pack (cf. The corresponding literature for all technical details).

It includes :

- One industrial board (marketed by ATON SYSTEME) carrying out the CAN interface & enabling the dialogue with :
 - One 8 ON / OFF Inputs acquisition board (microswitches built on the board enables the simulation of the « commodo »),
 - Four ON / OFF Outputs boards (LED 's built on the board enable the simulation & the display of the filaments working order in optical units),
- The **CAN 001 A** is provided with one program set: editor, assembler, debugger, C & C++ compiler & one set of full & very progressive Practical Works . The SRC, C & C++ source files are provided on the set up CDROM.

The **CAN 001 B** is also one EID210B set option, it includes :

- One industrial board (marketed by ATON SYSTEME) carrying out the CAN interface & enabling the dialogue with :
- One motor speed control board through the CAN, the encoder motor-gear device, the windscreen unit,
- One input board (Reading of one analogue value, one potentiometer & microswitches enable the simulation of the windscreen wiper « commodo »).

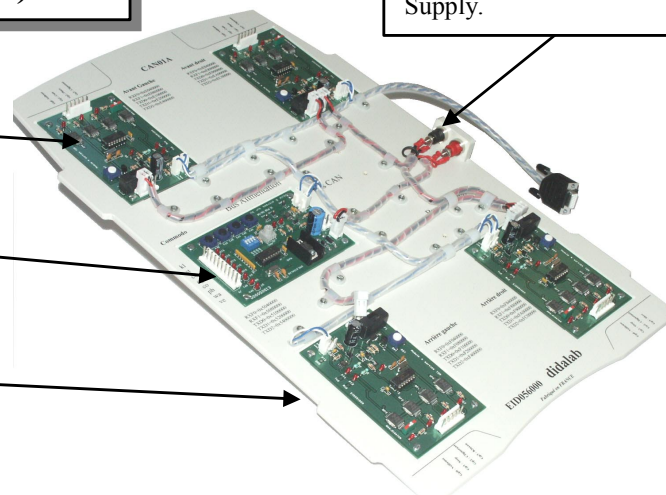
CAN 001 A, Study of car signals(optional)

12Vdc external Power Supply.

4 function activators boards : Stop, indicators, warning, side lights, troubleshooting (cut filament on a light).

CAN board with 8 ON / OFF inputs, 2 of them can be analogue parameterized.

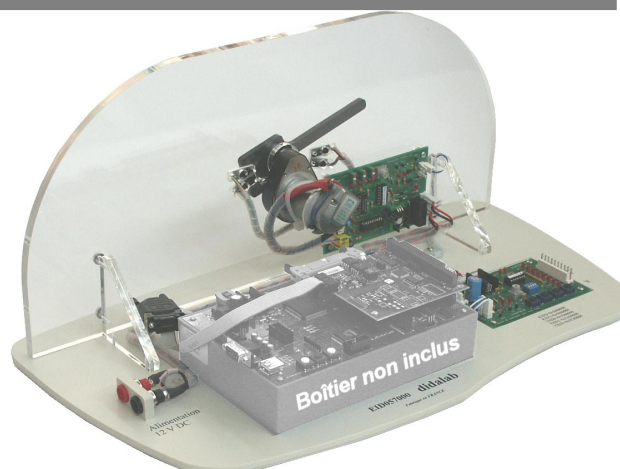
Silk-screen stand including Data processing adressesl & functions of each CAN module.



Details on the constituting elements of the CAN 001 A basic set (EID210B basic set option)

Référence	Designation	Qty
EID 004 000	CAB bus board on PC 104	1
EID 050 000	CAN bus module bus, 8 ON / OFF Inputs & analogue Input, bus lead , Power Spply & CAN	1
EID 051 000	Module bus CAN 4 sorties TOR et 4 entrées avec cordon bus alim et CAN	4
EID 211 060	UML Practicals Manual & OBJECT programming on EID210000 board & I/O EID 001000 board	1
EID 050 041	Practicals Manual (CAN bus) in C langage, applied to EID210	1
EID 056 000	Prewired Plexiglass board	1
EGD 000 007	12 Vdc 1 Amp. Power Supply	1

CAN 001 B, Study of DC motorspeed control - optional.



Details on the constituting elements of the CAN 001 B (EID210B basic set option)

Référence	Designation	Qty
EID 004 000	CAB bus board on PC 104	1
EID 050 000	CAN bus module bus, 8 ON / OFF Inputs & analogue Input, bus lead , Power Spply & CAN	1
EID 053 000	CAN bus module, motor speed control, windscreen & « commodo », windscreen wiper	1
EID 211 060	UML Practicals Manual & OBJECT programming on EID210000 board & I/O EID 001000 board	1
EID 050 041	Practicals Manual (CAN bus) in C langage applied to EID210	1
EID 057 000	Prewired Plexiglass board	1
EGD 000 007	12 Vdc 1 Amp. Power Supply	1