

(5)

6. DCC Micom Control System

， DDC(Direct Digital Control) Micom Control System .

6.1 DDC CONTROLLER

6.1.1

DDC

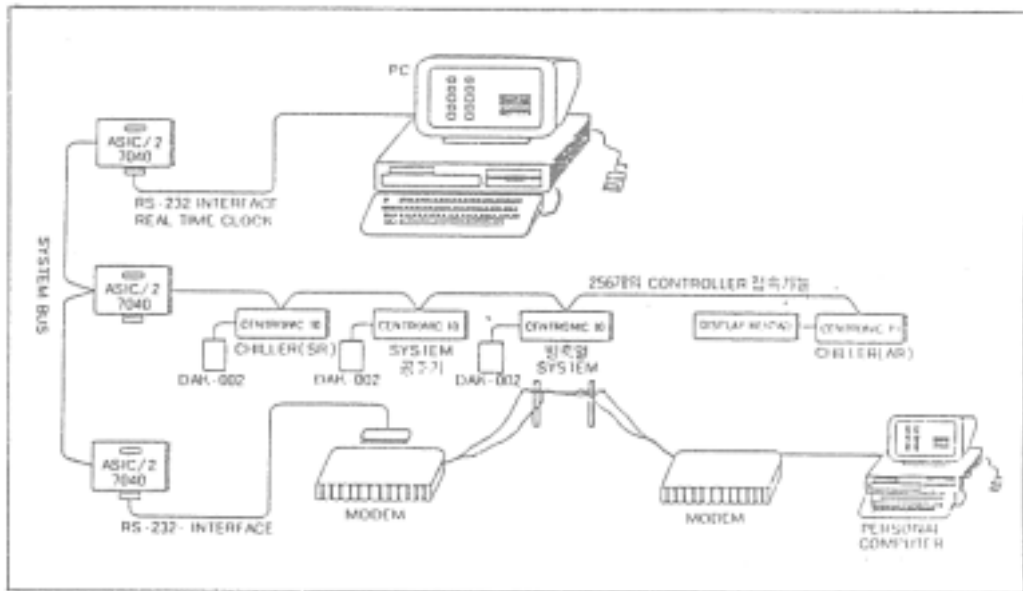
， 16Bit .
， ， ， ，
.
， ，
.
EEPROM .

6.1.2

DDC

가 .
， ，
， (KEYPAD)
.

. ()



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6.1.3

CONTROL

- : 24 VAC $\pm$ 15%, 50~60HZ
- : 24 VA
- : 1AMP
- : 70% $\pm$ 10%
- : 500mW-SEC, TRANSORB
- 2 : 12
- : , “A” DRY
- : 24 VDC 5A (), 24VAC 2A()
- : 4

- : 8Bit/0.4% full SCALE
- : 0VDC~5VDC, 5VDC~10VDC, 0VDC~10VDC 가
- : 10VDC 5.0mA
- : 8
- :
- : 0VDC~5VDC
- : 4 0.1% FULL SCALE
- 4 0.4% FULL SCALE
- : RS-485,
- : 1EEE 802.3 ASIC/SC
- : 1~32000
- : 1200, 2400, 4800, 9600 BAUD RATE
- : 1/8A PICO FUSE
- : 500mA-SEC, TRANSORB
- : (32 CONTROLLER SINC/1)
- : 1.2 Km
- . 1 LED
- 2 12 LED
- : MOLEX 3 PIN
- : MOLEX 15 PIN
- : 2 MOLEX 12 PIN

□ : 2 WIRE TWISTED 2

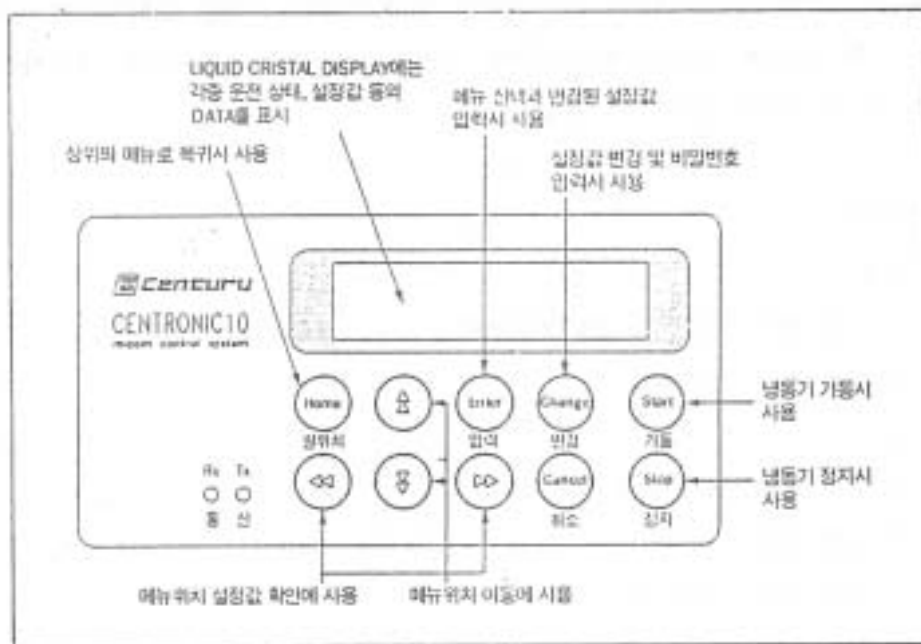
□ : INTEL 8098(16Bit)

□ FIRMWARE : 32KB ROM

□ : 32KB RAM

□ : 8KB ROM

□ : 50/60 HZ



<DDC >

6.2 DDC (KEYPAD)

6.2.1

KEYPAD 가 DDC

DDC . KEYPAD

DDC RS-485 .

6.2.2

KEYPAD

가 가 .

(TREE) . DDC

, 2 ,

,

.

가

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6.2.3

□ : 9VDC~12VDC, 200mA

□ : 2.5VA

□ : RS-485,

□ : 2400 9600

□ :

□ : 2Bit KEYPAD

6Bit DDC

□ : 16 LCD 2 , 96mm x 12mm

- : 5 x 7 DOT
- : 4.8mm x 1.1mm
- DOT : 0.92mm x 1.1mm
- BACKLIGHT :
- KEY BOARD
- : 10
- : UP, DOWN, ENTER, CANCEL, LEFT, RIGHT, HOME, CHANGE, START, STOP

6.3 DDC CONTROLLER

DDC OBJECT CONTROLLER . (8Bit)

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§ (SYSTEM)

CONTROLLER OBJECT CONTROLLER

, CONTROLLER OBJECT

.

§ (REMOTE)

CONTROLLER .

CONTROLLER가 .

§ (OUTPUT)

16 , 4 0~5VDC, 5~10VDC,
0~10VDC , 12 BINARY
 , ACTUATOR ,
§ (SCHEDULE)

.
§ (INPUT)
8 , , , ON/OFF
1 3 ON/OFF
24 .

§ (BOILER)
2 4

.
§ (UTILITY)
() ,

EEPROM .
LOOK-UP

.
§ (ROLL MANAGER)
CONTROLLER 가
 .

§ (OPTIMUM START)
9:00 , ()

/ .

, ,

/ .

§ (AFTER HOUSE)

가

.

§ (ALARM)

CONTROLLER 3

3가 1 .

ANALOG INPUT , , PRE-ALRAM 가

.

§ (POINTER)

, , REMOTE

POINT, .

§ (LOGIC)

/ .

BI/BO, AI/BO, AI/AO

SEKECTOR .

§ (COOLING TOWER)

2 , 4 COOLING TOWER, 2

.

§ (STATE)

1 , 24 , , ,

4가 ,

.

§ (DEMAND MANAGER)

6 ,

가 .

, ,

. 24

CONTROLLER .

§ (CLOCK)

CLOCK

CHIP .

§ (ROLL LIST)

LOCAL CONTROLLER

CONTROLLER .

§ (BROADCAST)

LOCAL LOCAL

CONTROLLER .

.

§ PID

, , 가 OBJECT ,

, , PID .

.

§ (TIMER)

○, ON DELAY TIMER,

OFF DELAY TIMER, TIMER 가 .

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§ (CALCULATION POINT)

4

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§ (TRAND)

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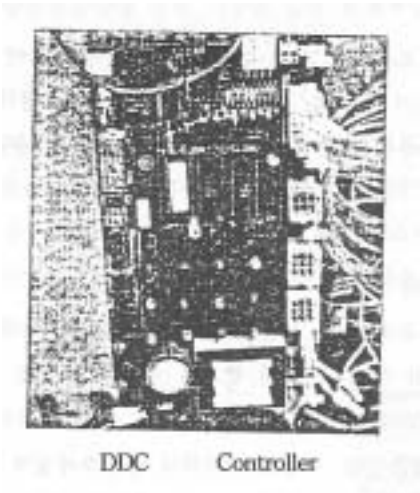
§ (DISPLAY LIST)

DDC ,
CONTROLLER ,

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§ (DISPLAY MANAGER)

DDC
가 (TREE
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7. DDC Control System

7.1

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7.2

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7.3

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7.4 CCTV

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7.5

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7.6

가

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7.7

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7.8

DDC CONTROLLER

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, CA SYSTEM,

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