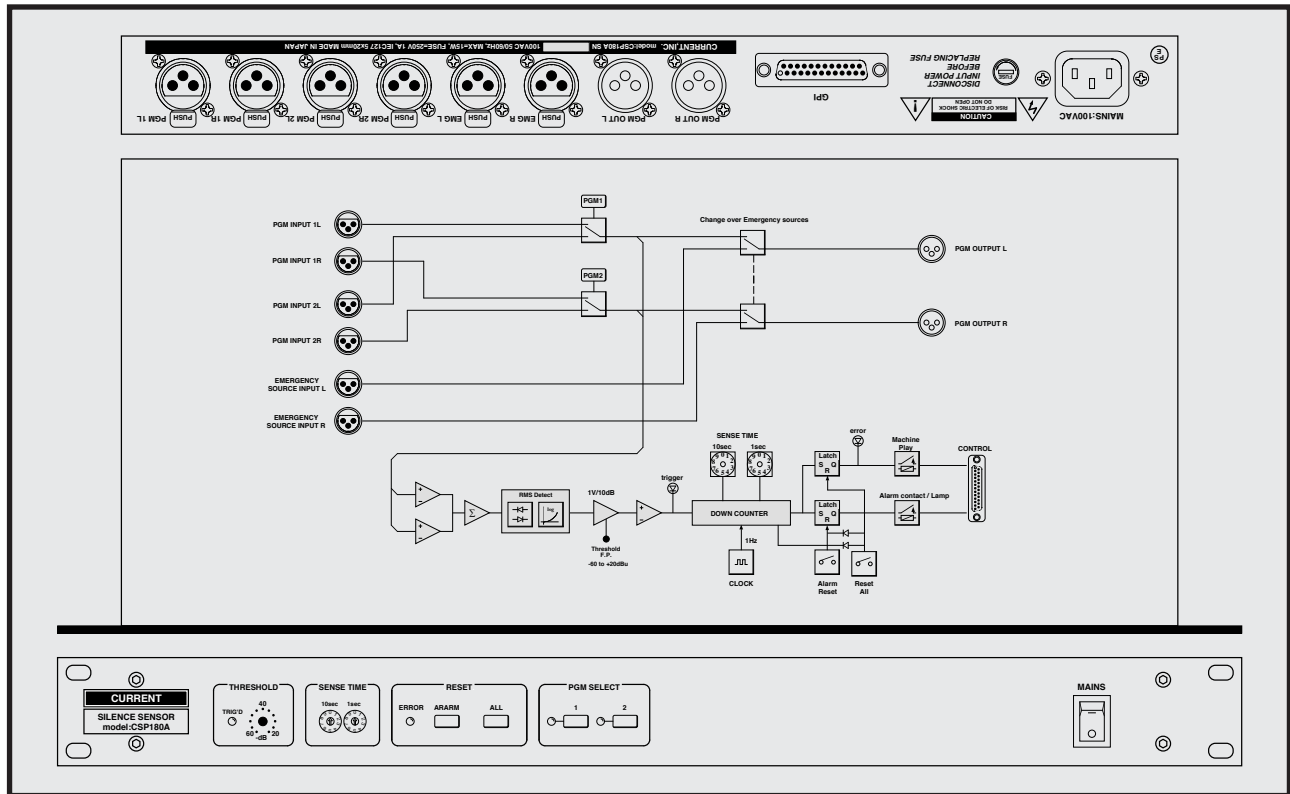


# CURRENT PRODUCTS model:CSP180A

## SILENCE SENSOR



### Emergency broadcasting System

- Detect a long silence state and source switch
- Autostart machine
- Contact output for alarm
- 2 program source input
- 19 inches 1U size

**CSP180A detects a long silence state of the program source and makes automatic change to an emergency source in a program source. When the states that a program level is lower than a threshold level continue more than setting time, it turns on a relay contact of the alarm output and switches it to an emergency source. In addition, it turns on a relay contact for PLAY commands of the equipment for emergency sources at the same time.**

### "Silence sensor"

It can set the set range of the silence detection time of the program source and the level in the range of 1 sec to 99 sec and -20dBu to -60dBu with rotary DIP switch of the front panel.

### "Program selector"

CSP180A can input 2 program sources, and it is select possibility from a button of the front panel or a remote connector of the rear panel.

### "Alarm output"

When a program source breaks off more than setting time, Silence sensor operates and turns on a relay contact of the alarm output and outputs play contact for emergency machines. In addition, it does not need external power source because +24VDC (+/-12V) for alarm lamps is output.

### "Reset"

There are 2 kinds for reset, and one is alarm reset, and the other is ALL reset to return a system to the initial state.



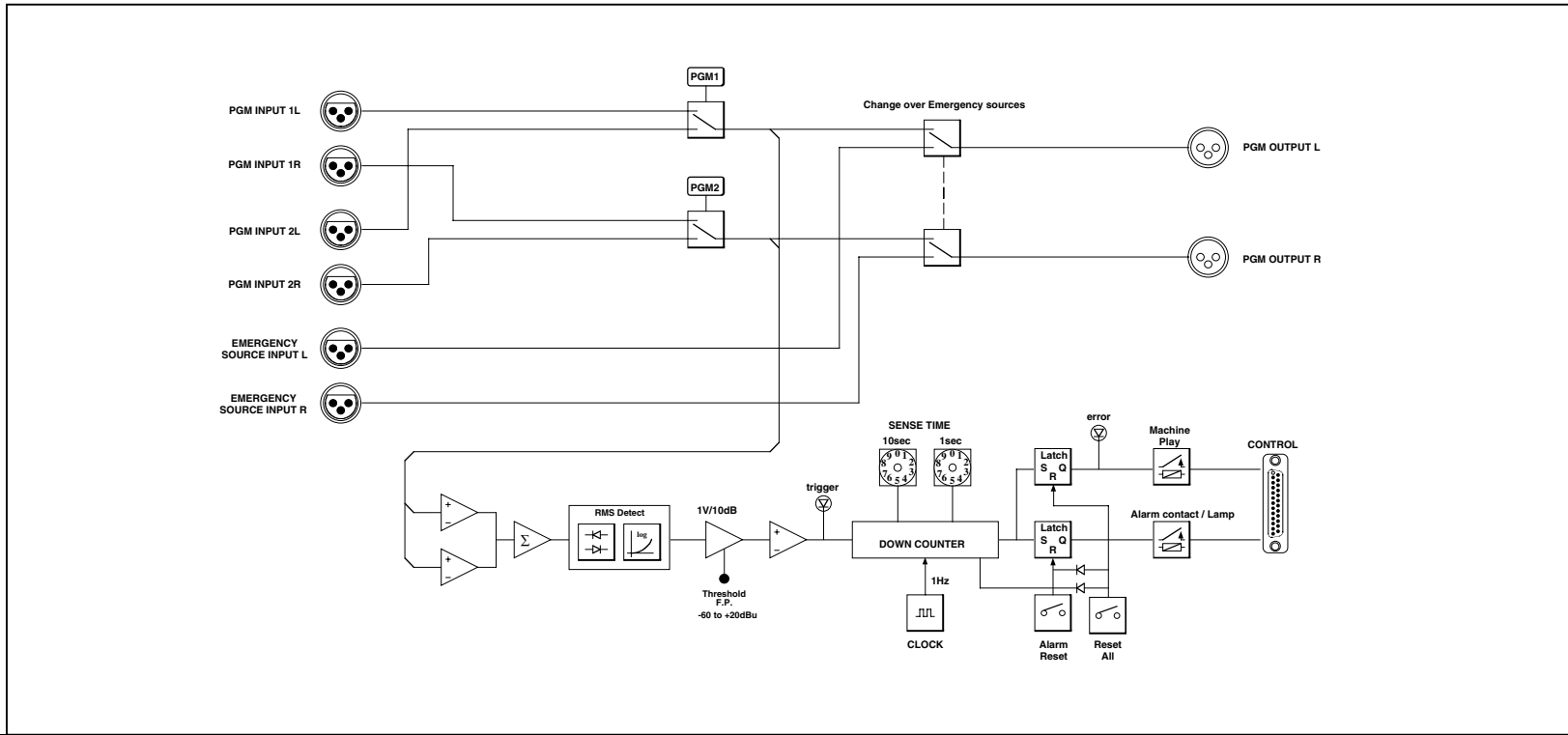
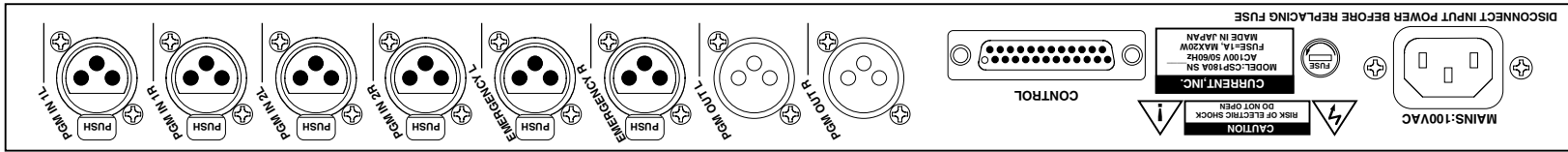
### SPECIFICATIONS

- PROGRAM INPUTS: XLR3-F, BALANCED
- EMERGENCY INPUTS: XLR3-F, BALANCED
- PROGRAM OUTPUTS: XLR3-M, BALANCED
- SILENCE SENSOR INPUTS IMPEDANCE: 100kΩ, BALANCED
- SILENCE SENSOR REFERENCE LEVEL: +4dBu max +20dBu
- SILENCE SENSOR THRESHOLD: -20~-60dBu
- SILENCE SENSOR SENSE TIME: 1s~99s
- MACHINE PLAY ONE-SHOT TIME: APPROX. 100ms
- ALARM CONTACT: 1A 30V MAX
- ALARM RESET: RESET ALARM, RESET ALL
- CONTROL CONNECTOR: Dsub25-F (#4-40)
- MAINS: 100VAC 50/60Hz, MAX=18W
- DIMENSIONS: 482Wx44Hx303D 4Kg

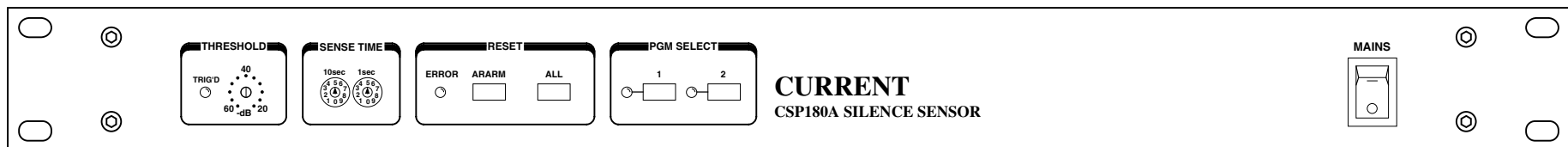
Silence Sensor	CSP180A	¥360,000
accessory : AC cable		

The specifications are subject to change without notice.  
2-26-11 AKATSUTSUMI, SETAGAYA-KU, TOKYO, 156-0044 JAPAN

MONITOR SYSTEM  
HEADPHONES AMP  
CUE SYSTEM  
COMMUNICATION  
TB. COUGH SYSTEM  
MATRIX AMP  
AUDIO ROUTER  
AUDIO VIDEO  
SWITCHER  
SYSTEM SWITCHER  
AUDIO VIDEO  
DISTRIBUTOR  
METER SYSTEM  
ANALOG, DIGITAL  
PREAMP MIXER  
LEVEL UNIT  
DIGITAL AUDIO  
FADER UNIT  
AUTO FADER  
TALLY FADER  
CLOCK TIMER  
EVENT SYSTEM  
SPECIAL PRODUCTS  
ETC.



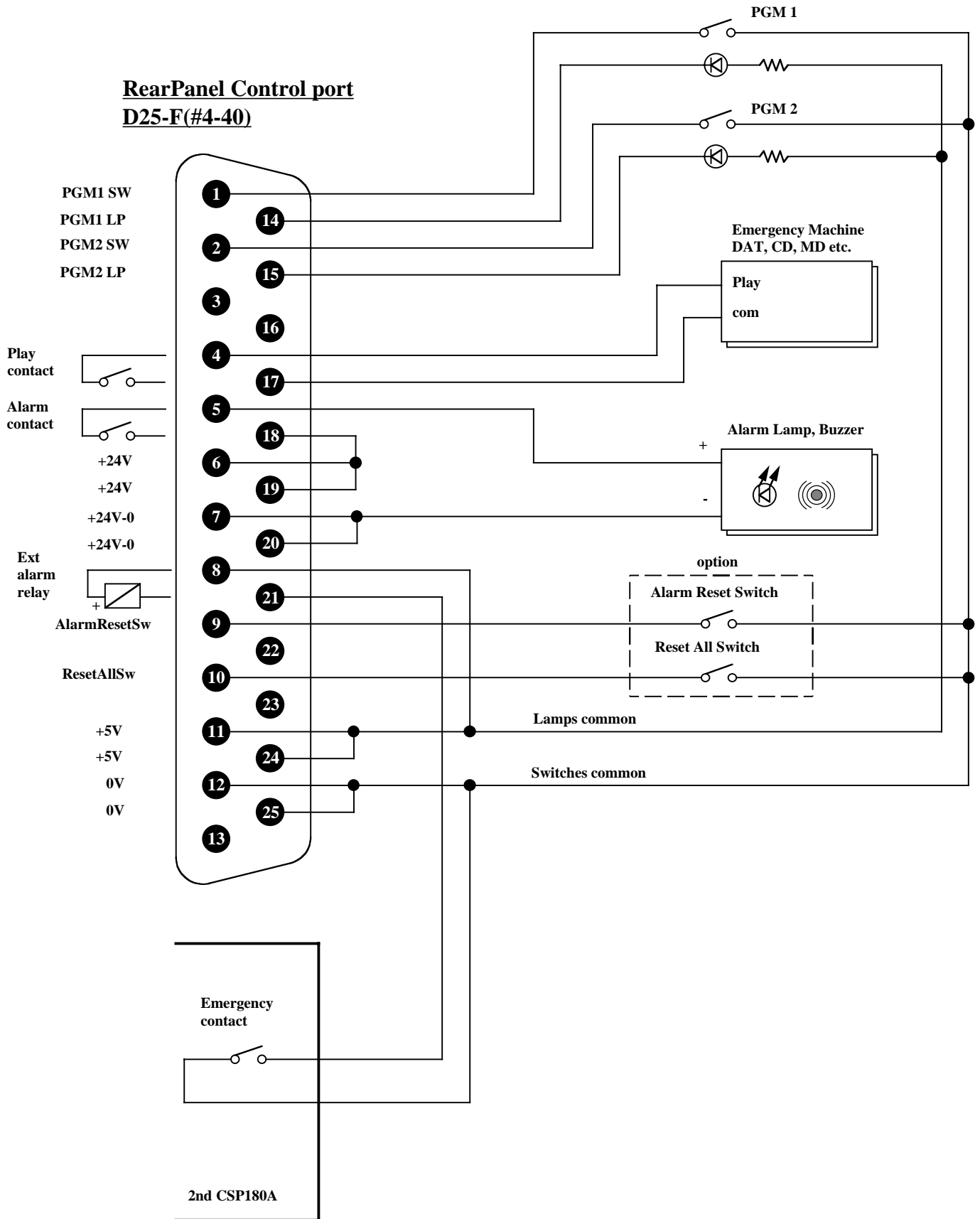
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(c)CURRENT,INC.	SILENCE SENSOR CSP180A	DEC. 97
H.ICHIHASHI	PANEL DIAGRAM	CSP180A-D

**RearPanel Control port  
D25-F(#4-40)**



Jun.2005

(c)CURRENT,INC.	CSP180A	Jan.1998
H.ICHIHASHI	Typical Applications	CSP180-app

powered by claris cad

## CSP180A "CONTROL" D25-F(#4-40) Connector Pin List

Ribbon	Hard	Signal name	Designation	Active
1	1	S-PGM1	PROGRAM SELECT SWITCH 1	Lo
2	14	B-PGM1	PROGRAM SELECT LAMP 1	Lo
3	2	S-PGM2	PROGRAM SELECT SWITCH 2	Lo
4	15	B-PGM2	PROGRAM SELECT LAMP 2	Lo
5	3	N.C.		
6	16	N.C.		
7	4	PLAY-A	EMERGENVY MACHINE PLAY CONTACT A	RELAY
8	17	PLAY-B	EMERGENVY MACHINE PLAY CONTACT B	RELAY
9	5	ALARM-A	EMERGENVY ALARM CONTACT A	RELAY
10	18	ALARM-B	EMERGENVY ALARM CONTACT B	RELAY
11	6	+24V	+24V DC SUPPLY (MAX=100mA)	+12V
12	19	+24V	+24V DC SUPPLY (MAX=100mA)	+12V
13	7	+24V-0	0V SUPPLY COMMON fro +24V	-12V
14	20	+24V-0	0V SUPPLY COMMON fro +24V	-12V
15	8	EXT ALARM +5V	EXT ALARM CONTROL +5V(RELAY CONTROL)	
16	21	EXT ALARM +0V	EXT ALARM CONTROL 0V (RELAY CONTROL)	
17	9	N.C.		
18	22	N.C.		
19	10	N.C.		
20	23	N.C.		
21	11	+5V	PROGRAM SELECT LAMP COMMON	
22	24	+5V	PROGRAM SELECT LAMP COMMON	
23	12	0V	PROGRAM SELECT SWITCH COMMON	
24	25	0V	PROGRAM SELECT SWITCH COMMON	
25	13			

注意！ Dサブコネクタの接続はHARDピン番号で接続してください。

取付ビスは#4-40インチビスを使用して下さい

CAUTION! D-Connector for wiring refer toHard pin number Description.

Mounting screw for D-connector use #4-40 size.

EXT ALARMは内部のリレーを動作させ、ALARM-A,BコンタクトをONにします。

+24V-0は接地しないで下さい。

Don't ground +24V-0