

CURRENT PRODUCTS model:AF300A PRESETTABLE TIMER

Preset timer
Slave display
Compact
Re-main display
External remote
Sophisticated design

AF300A is a timer with the pre-set feature that a slave display is connectable, and the maximum display time is 99 hours 59 minutes 59 seconds. In addition, re-main display to count down from the time when it pre-seted it is possible. To a remote port, it outputs a start, Stop and a reset command and a start, Stop, reset and a lap tarry. It controls AF300A with external equipment, and the application such as starting external equipment by a timer start simultaneously is possible.

"Simple operation"

When the time preset of AF300A is very simple and it sets time and presses the SET key with ± key of the Thumbwheel Switch which there is under the display, it is set by a timer register and starts a count from setting time. The SET key is valid in counting. Preset time is loaded when it presses the switch, and the counting just continues.

"Slave display"

It can connect a slave display to AF300A.

"Re-main"

The timer is the down count mode when it presses the REMAIN button. This function is valid of counting. It is down from the point in time and counts it.

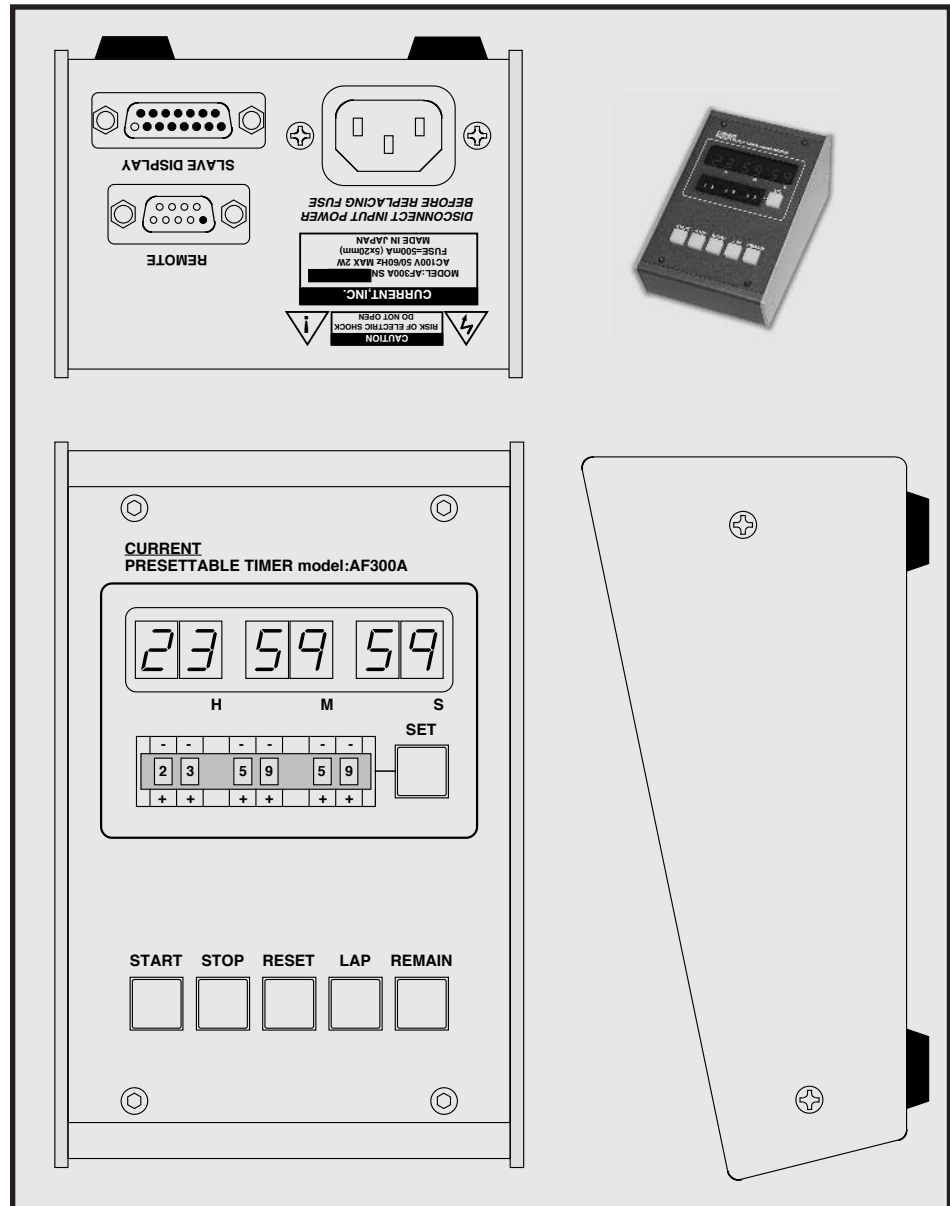
"Remote"

START, STOP, RESET, LAP, REMAIN and the SET switch can control parallel from external. In addition, the external equipment can control it by a tarry output on 00:00:00.

"Others"

It can change maximum display time for 23:59:59 or 59 minutes 59 seconds 99. In addition, it receives the second pulse of the station clock and can indicate it for real time. (by the specification at the time of the order) In this case, there is not a timer working because it is a slave working.

SLAVE DSUB15-F		REMOTE DSUB9-M	
01 10H	09 1H	01 SW COM	06 +5v
02 10M	10 1M	02 START SW	07 STOP SW
03 10S	11 1S	03 RESET SW	08 LAP SW
04 SEG-A	12 SEG-B	04 REMAIN SW	09 SET SW
05 SEG-C	13 SEG-D	05 ZERO TALLY	
06 SEG-E	14 SEG-F		
07 SEG-G	15 GND		
08 GND			



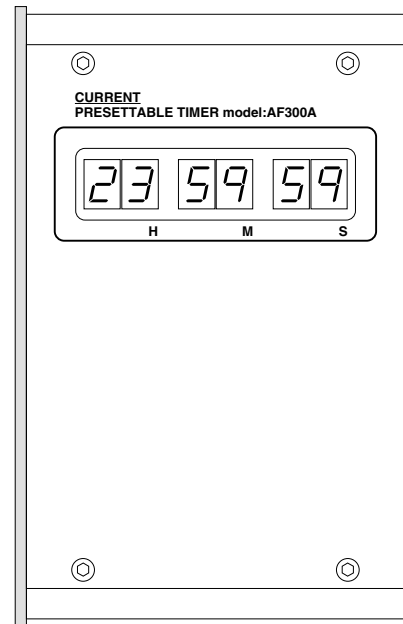
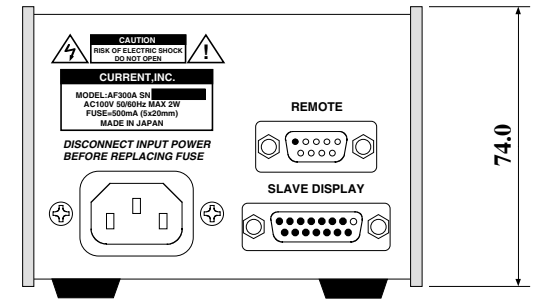
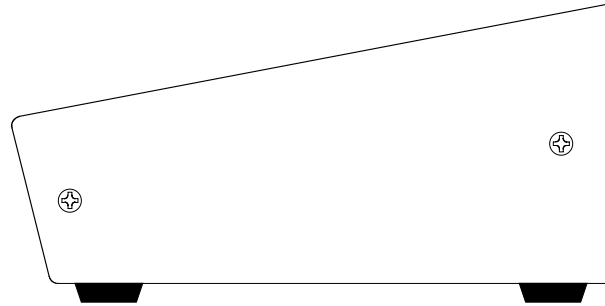
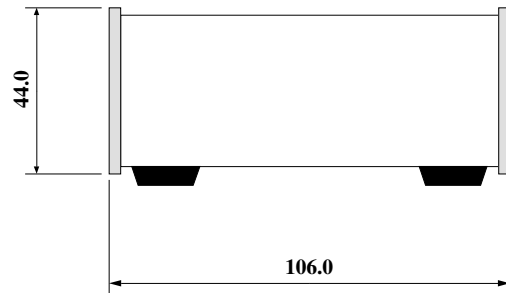
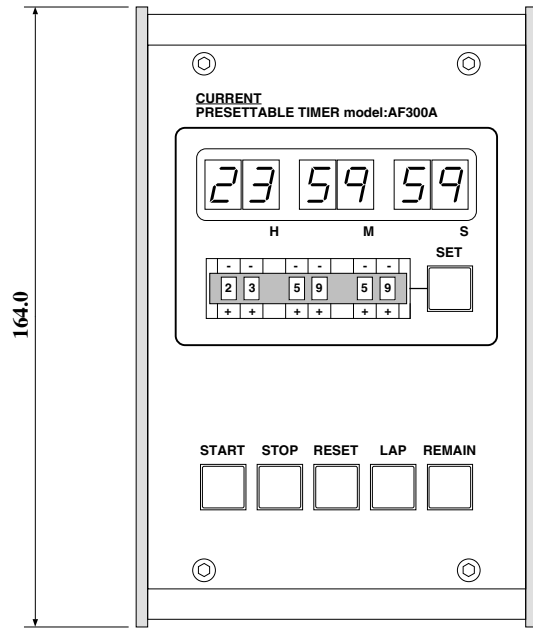
SPECIFICATIONS

- **DISPLAY:** 7-SEGMENT LED (RED)
- **CONTROL:** START, STOP, RESET, LAP
TIME SET WHEEL, TIME SET, REMAIN
- **SLAVE CONNECTOR:** Dsub15-F(#4-40)
- **REMOTE CONNECTOR:** Dsub9-M(#4-40)
- **TALLY:** Open Collector max 24V 10mA
- **MAINS:** 100VAC 50/60Hz 2W MAX
- **DIMENSIONS:** 106Wx74Hx164D 0.6kg

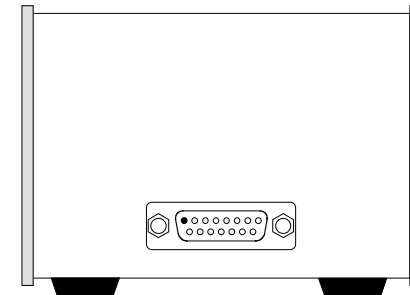
Timer	AF300A	¥198,000
Slave unit	AF300AS	¥80,000
Slave cable	AF300A-C05	¥24,000
accessory : AC cable		

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

MONITOR SYSTEM
HEADPHONES AMP
CUE SYSTEM
TBA. COUGH SYSTEM
COMMUNICATION
MATRIX AMP
AUDIO ROUTER
AUDIO VIDEO
SWITCHER
SYSTEM SWITCHER
EMERGENCY
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.



SLAVE DISPLAY
same size as main unit



(c)CURRENT,INC.	AF300A PRESETTABLE TIMER	Nov.2005
H. ICHIHASHI	PANEL DIAGRAM	Apr.2000
		AF300A-D2005

PRESETTABLE TIMER AF300A

display

7-segment red LED display.
The maximum display time is 99 hours 59 minutes 59 seconds.

Preset switch

It can be set with the ± buttons at the top and bottom of each hour, minute and second digit. If you operate while pressing the SET button, the set value is displayed directly.

Start switch

The timer starts.

Stop switch

Valid only in the start state.

Reset switch

Reset everything and return to the initial state.

Set switch

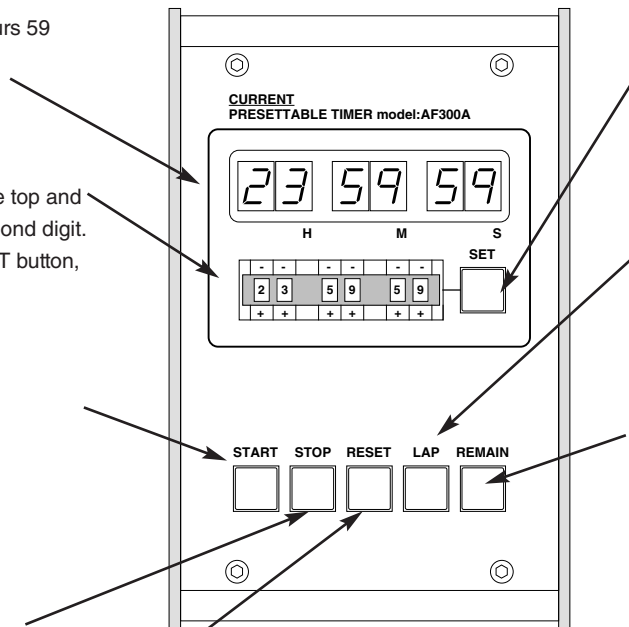
Load the time set with the left thumbwheel switch. This switch is effective in any mode, and can be loaded by changing the set value while pressing the set switch.

Lap switch

This switch is lit only when the lap time is displayed. Press the start button to restart.

Remain switch

The timer counts down. The switch lights when in the main mode. The count up or down can be changed during operation.



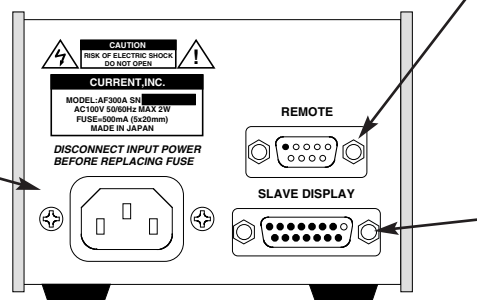
remote

Port for parallel control of START, STOP, RESET, LAP, REMAIN, SET switch. ZERO tally is an open collector output. The connector is DSUB9-M. The plug fixing screw is a # 4-40 inch screw.

Rear panel

AC power input

Use the specified power supply voltage. Use an internal fuse of 250V 0.5A 5x20mm type.



Slave display

Port for connecting an optional slave display unit. The connector is DSUB15-F. The plug fixing screw is a # 4-40 inch screw.

SLAVE DSUB15-F

01 10H	09 1H
02 10M	10 1M
03 10S	11 1S
04 SEG-A	12 SEG-B
05 SEG-C	13 SEG-D
06 SEG-E	14 SEG-F
07 SEG-G	15 GND
08 GND	

REMOTE DSUB9-M

01 SW COM	06 +5v
02 START SW	07 STOP SW
03 RESET SW	08 LAP SW
04 REMAIN SW	09 SET SW
05 ZERO TALLY	

AF300A Connector Pin List

AF300A "SLAVE" D15-F(#4-40)

(SN8010 and Higher)

Ribbon	Hard	Signal name	Designation	Active
1	1	D6_	10H	
2	9	D5_	1H	
3	2	D4_	10M	
4	10	D3_	1M	
5	3	D2_	10S	
6	11	D1_	1S	
7	4	SEG-A	SEGMENT A	
8	12	SEG-B	SEGMENT B	
9	5	SEG-C	SEGMENT C	
10	13	SEG-D	SEGMENT D	
11	6	SEG-E	SEGMENT E	
12	14	SEG-F	SEGMENT F	
13	7	SEG-G	SEGMENT G	
14	15	GND	GND	
15	8	GND	GND	
FRAME		FRAME	NC	

CAUTION! D-Connector for wiring refer to Hard pin number Description. Mounting screw for D-connector use #4-40 size.

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インチビスです。スレーブ表示器は必ずシールドケーブルを使用して接続してください。

AF300A "REMOTE" D9-M(#4-40)

(SN8010 and Higher)

Ribbon	Hard	Signal name	Designation	Active
1	1	0V	SWITCH COMMON	0V
2	6	+5V	TALLY COMMON	+5V
3	2	S-START	START SWITCH	L
4	7	S-STOP	STOP SWITCH	L
5	3	S-RESET	RESET SWITCH	L
6	8	S-LAP	LAP SWITCH	L
7	4	S-REMAIN	REMAIN SWITCH	L
8	9	S-SET	SET SWITCH	L
9	5	B-ZERO	ZERO TALLY open collector max=10mA	L

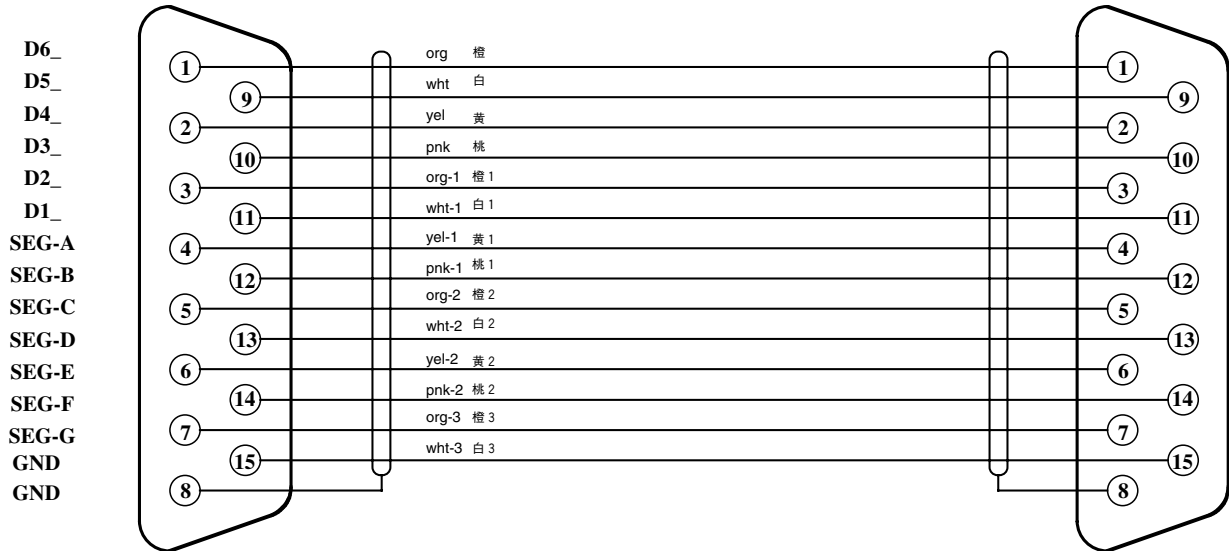
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AF300A SLAVE CABLE

Main Unit
TSub15-M #4-40 screw

Slave Unit
Dsub15-F #4-40 screw



CABLE : MOGAMI 2841 7-pair

(c)CURRENT,INC.	AF300A	May.2006
H.ICHIHASHI	SLAVE CABLE	AF300A SLAVE CABLE