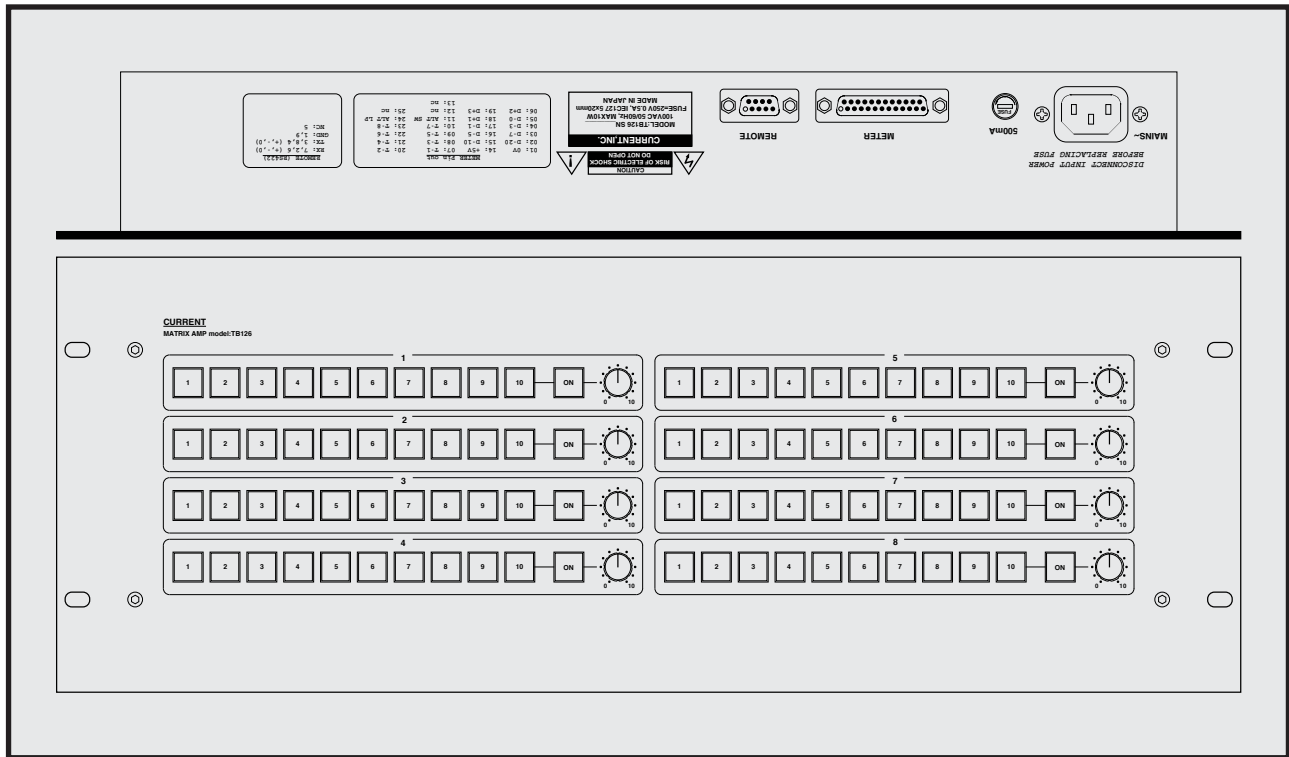


# CURRENT PRODUCTS model:TB126

## MATRIX AMP



10x8 matrix amplifier

Meter output

Remote operation

Compact

**TB126 is a matrix amplifier configured with input 10 and output 8. The high visibility panel design allows that it does operation and the confirmation that are in a state quickly. It is most suitable for matrix construction such as a general audio, the income.**



### SPECIFICATIONS

#### MAIN UNIT

- ♣ **SOURCE INPUTS:** 10
- ♣ **INPUTS IMPEDANCE:** BALANCED, 24kΩ
- ♣ **INPUTS LEVEL:** REF=+4dBu, MAX=+24dBu
- ♣ **INPUTS CONNECTOR:** Dsub25-F(#4-40)
- ♣ **MATRIX OUTPUTS:** 8
- ♣ **OUTPUTS IMPEDANCE:** BALANCED 50Ω
- ♣ **OUTPUTS LEVEL:** REF=+4dBu, MAX=+24dBu
- ♣ **OUTPUTS CONNECTOR:** Dsub25-M(#4-40)
- ♣ **REMOTE CONNECTOR:** Dsub9-F(#4-40)
- ♣ **FREQUENCY RESPONSE:** 20Hz~20kHz ±0.1dB
- ♣ **THD:** < 0.03% at 1kHz REFERENCE LEVEL
- ♣ **MAINS:** 100VAC 50/60Hz, 15W MAX
- ♣ **DIMENSIONS:** 482Wx44Hx303D, 4kg

#### REMOTE UNIT

- ♣ **METER OUTPUT CONNECTOR:** Dsub25-F(#4-40)
- ♣ **REMOTE CONNECTOR:** Dsub9-F(#4-40)
- ♣ **MAINS:** 100VAC 50/60Hz, 10W MAX
- ♣ **DIMENSIONS:** 482Wx177Hx68D, 3kg

#### "Source"

It can choose the source of 10 systems.  
In addition, the choice state is recalled when it powered up.

#### "Output"

The chosen source is mixed and is output via output level control.  
By an output level knob, adjustment is possible in the range of infinity to 0dB. When the ON button of the output powered up, it is recalled.

#### "Meter"

It is providing the meter output to monitor the matrix output.

#### "Connection"

A main frame and the remote unit are connected with a serial cable of RS422. The remote unit of a compact shape allows that it mounts it on consoles easily.

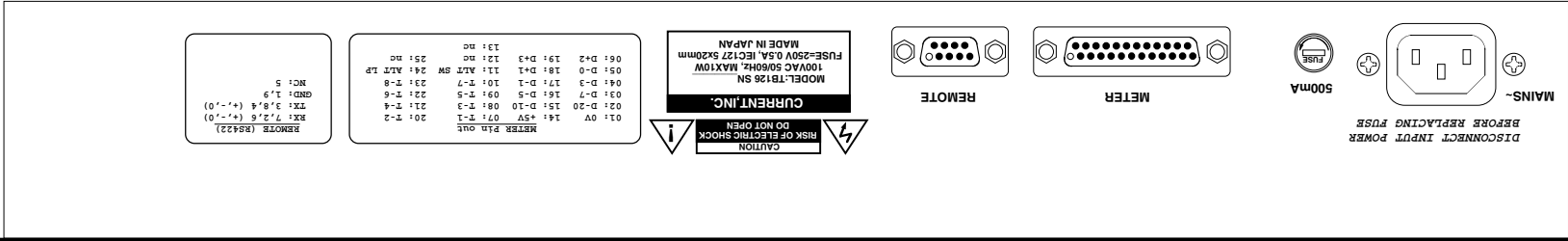
#### "Others"

The change of each channel name and button name is possible with an option. In addition, please refer about the manufacturing of the matrix amplifier of different specifications.

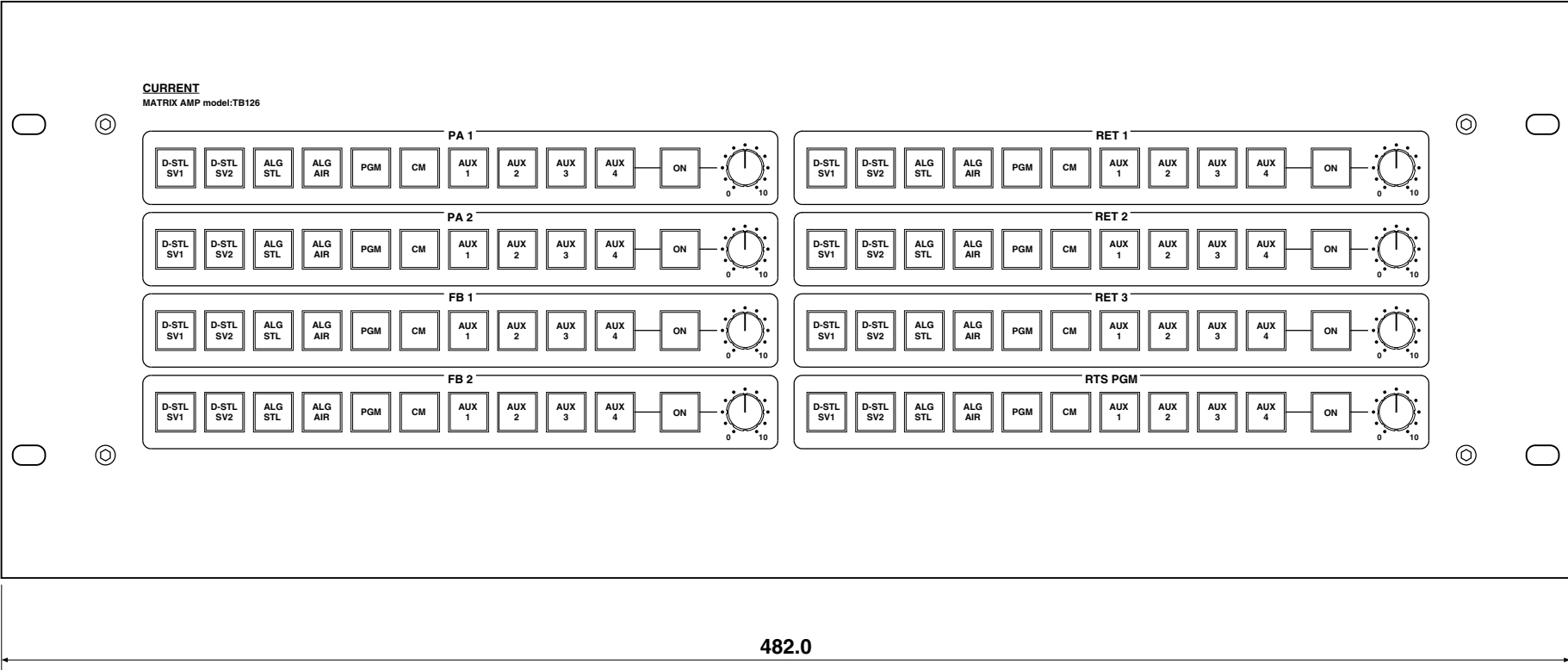
Matrix amp	TB126	¥1,920,000
accessory : AC cable		

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

MONITOR SYSTEM  
HEADPHONES AMP  
CUE SYSTEM  
TB126 MATRIX AMP  
COMMUNICATION  
TB126 MATRIX AMP  
AUDIO ROUTER  
MATRIX AMP  
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.



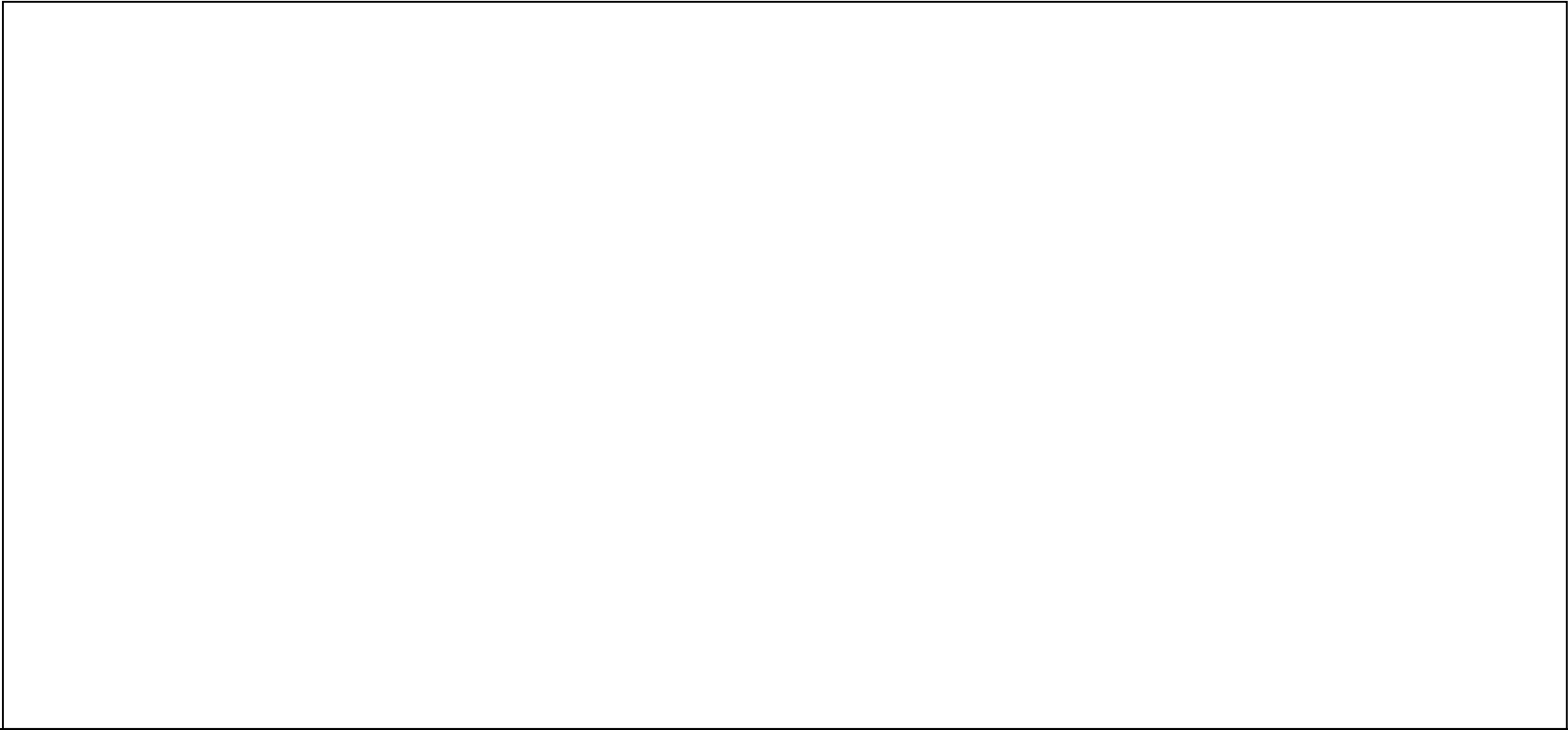
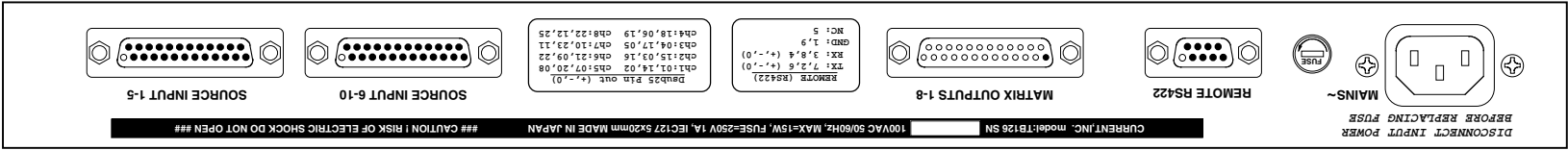
65.0  
68.0



4U  
177.0

482.0

(c)CURRENT,INC.	RETURN MATRIX TB126	Sep.2005
H.ICHIHASHI	METER PANEL	TB126-RD



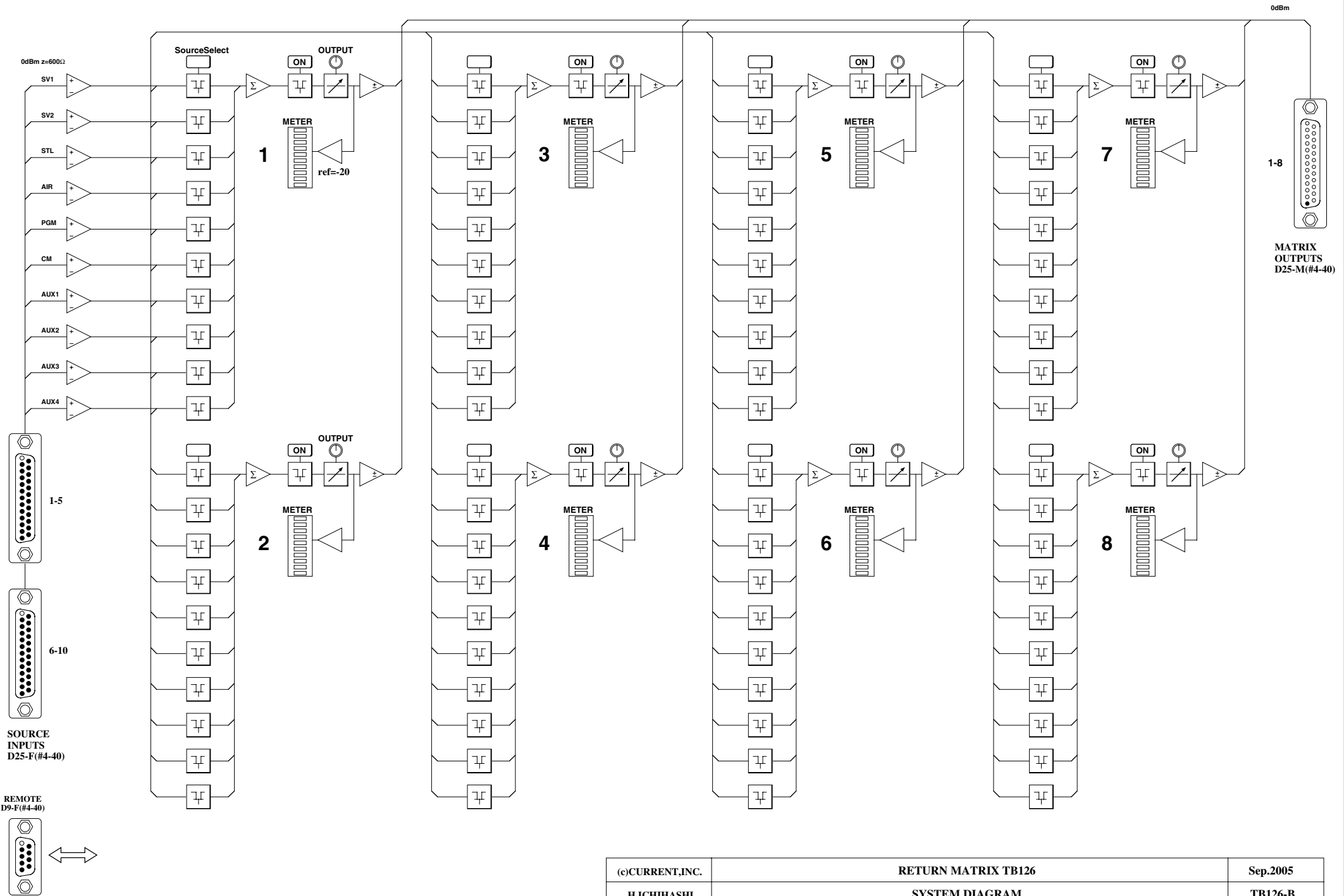
302.6



44.0

482.0

(c)CURRENT,INC.	MATRIX AMP TB126	Sep.2005
H.ICHIHASHI	PANEL DIAGRAM	TB126-D



©CURRENT,INC.	RETURN MATRIX TB126	Sep.2005
H.ICHIHASHI	SYSTEM DIAGRAM	TB126-B

## TB126 "SOURCE INPUTS1-5","6-10" D25-F(#4-40) Connector Pin List

Ribbon	Hard	Signal name	Designation	Active
1	1	CH-1+	CH-1/6 HOT	
2	14	CH-1-	CH-1/6 COLD	
3	2	CH-1G	GND	
4	15	CH-2+	CH-2/7 HOT	
5	3	CH-2-	CH-2/7 COLD	
6	16	CH-2G	GND	
7	4	CH-3+	CH-3/8 HOT	
8	17	CH-3-	CH-3/8 COLD	
9	5	CH-3G	GND	
10	18	CH-4+	CH-4/9 HOT	
11	6	CH-4-	CH-4/9 COLD	
12	19	CH-4G	GND	
13	7	CH-5+	CH-5/10 HOT	
14	20	CH-5-	CH-5/10 COLD	
15	8	CH-5G	GND	
16	21			
17	9			
18	22	GND	GND	
19	10			
20	23			
21	11	GND	GND	
22	24			
23	12			
24	25	GND	GND	
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.**

## TB126 "MATRIX OUTPUT 1-8" D25-M(#4-40) Connector Pin List

Ribbon	Hard	Signal name	Designation	Active
1	1	CH-1+	MATRIX OUT 1 HOT	
2	14	CH-1-	MATRIX OUT 1 COLD	
3	2	CH-1G	GND	
4	15	CH-2+	MATRIX OUT 2 HOT	
5	3	CH-2-	MATRIX OUT 2 HOT	
6	16	CH-2G	GND	
7	4	CH-3+	MATRIX OUT 3 HOT	
8	17	CH-3-	MATRIX OUT 3 HOT	
9	5	CH-3G	GND	
10	18	CH-4+	MATRIX OUT 4 HOT	
11	6	CH-4-	MATRIX OUT 4 HOT	
12	19	CH-4G	GND	
13	7	CH-5+	MATRIX OUT 5 HOT	
14	20	CH-5-	MATRIX OUT 5 HOT	
15	8	CH-5G	GND	
16	21	CH-6+	MATRIX OUT 6 HOT	
17	9	CH-6-	MATRIX OUT 6 HOT	
18	22	CH-6G	GND	
19	10	CH-7+	MATRIX OUT 7 HOT	
20	23	CH-7-	MATRIX OUT 7 HOT	
21	11	CH-7G	GND	
22	24	CH-8+	MATRIX OUT 8 HOT	
23	12	CH-8-	MATRIX OUT 8 HOT	
24	25	CH-8G	GND	
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.**

## "TB126" Connector Pin List

### "MAIN UNIT REMOTE" D9-F(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	FG	FG	
2	6	TX GND	TX GND	
3	2	TX-	TX-	
4	7	TX+	TX+	
5	3	RX+	RX+	
6	8	RX-	RX-	
7	4	RX GND	RX GND	
8	9	FG	FG	
9	5			

### "CONTROL PANEL REMOTE" D9-F(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	FG	FG	
2	6	RX GND	RX GND	
3	2	RX-	RX-	
4	7	RX+	RX+	
5	3	TX+	TX+	
6	8	TX-	TX-	
7	4	TX GND	TX GND	
8	9	FG	FG	
9	5			

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.**

## TB126 "METER OUT" D25-F(#4-40) Connector Pin List

Ribbon	Hard	Signal name	Designation	Active
1	1	0V	SWITCHES COMMON	
2	14	+5V	LAMPS COMMON	
3	2	B7	METER SEGMENT 1	
4	15	B8	METER SEGMENT 2	
5	3	B9	METER SEGMENT 3	
6	16	10	METER SEGMENT 4	
7	4	B11	METER SEGMENT 5	
8	17	B12	METER SEGMENT 6	
9	5	B13	METER SEGMENT 7	
10	18	B14	METER SEGMENT 8	
11	6	B15	METER SEGMENT 9	
12	19	B16	METER SEGMENT 10	
13	7	T-1	METER SELECT 1	
14	20	T-2	METER SELECT 2	
15	8	T-3	METER SELECT 3	
16	21	T-4	METER SELECT 4	
17	9	T-5	METER SELECT 5	
18	22	T-6	METER SELECT 6	
19	10	T-7	METER SELECT 7	
20	23	T-8	METER SELECT 8	
21	11	ALT SW	ALT SWITCH	
22	24	ALT LP	ALT LAMP	
23	12			
24	25			
25	13			

必ずシールドケーブルを使用してください。

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 - 4 0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.**