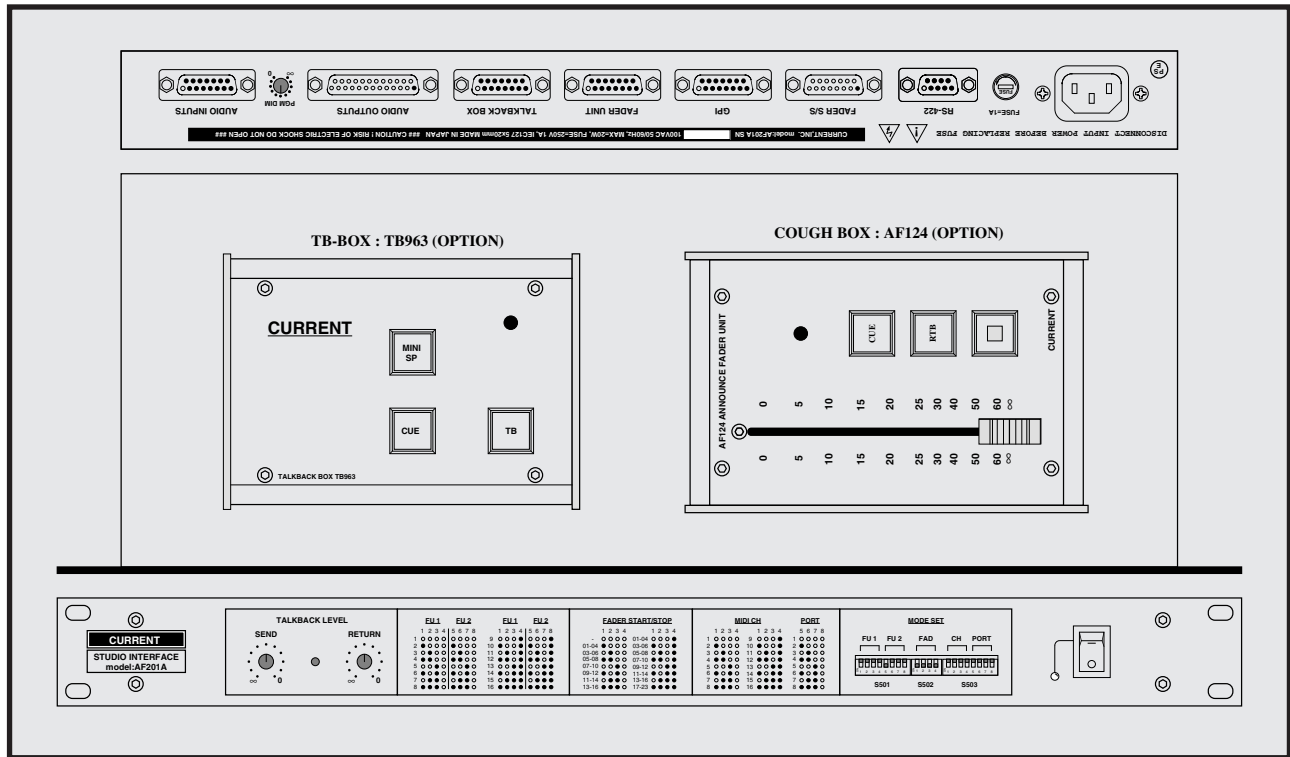


# CURRENT PRODUCTS model:AF201A

## STUDIO INTERFACE



General communication management  
 TB box TB961 and TB963 available  
 Two announce unit AF124/T available  
 Two control room monitor selectable  
 O2R96, 01V96, DM1000/2000 and O3D  
 series controlled by cough unit  
 Fader start and stop option available



**AF201A is a studio interface designed for studios using digital console O2R/96, 01V/96, DM1000/2000 and O3D series to add necessary functions. AF201A allows you to have such usage as cough unit control, talkback, return talkback control, CUE sign, Fader start and stop, 2 speakers selector for control room.**

### "Cough Unit control"

Input channel could be turned on and off by cough unit with AF201 which connected to O2R/96, 01V/96, DM/1000/2000 and O3D through RS-422 serial port. Two cough unit able to assign to any channel. (Default set up is 1 and 2.)

### "Communication"

TB and RTB is available for communication between CR and studio, effect DIM to HP monitor or CR monitor when each is turned ON, and let not to disturb communication. Also you can adjust TB and RTB level in front panel.

### "FADER S/S"

You can control to start and stop tape machine, CD and etc. with RS422 serial interface by moving up and down the faders as configured by O2R/96, 01V/96, DM/1000/2000 and O3D. The output corresponds with relay contact for up to 4 devices. You could modify the corresponding faders by internal dip switch.

### "COUGH I/F"

Please use "CURRENT AF124/T" for cough unit to be used in booth. Fader or touch switch toggle between ON/OFF could mute assigned fader in console. While this action, SLS(Studio loud speaker) will be muted with cuff ON, and dis-muted and prevent feedback with OFF.

### "RTB"

RTB means return talkback which booth to CR communication that signal flow to RTB output of AF201A. While RTB, SLS to cut and CR monitor will dim.

### "CUE"

CUE button in TB961 pressed, CUE light in AF124 will be indicated. Extra external cue light AF205A is available.

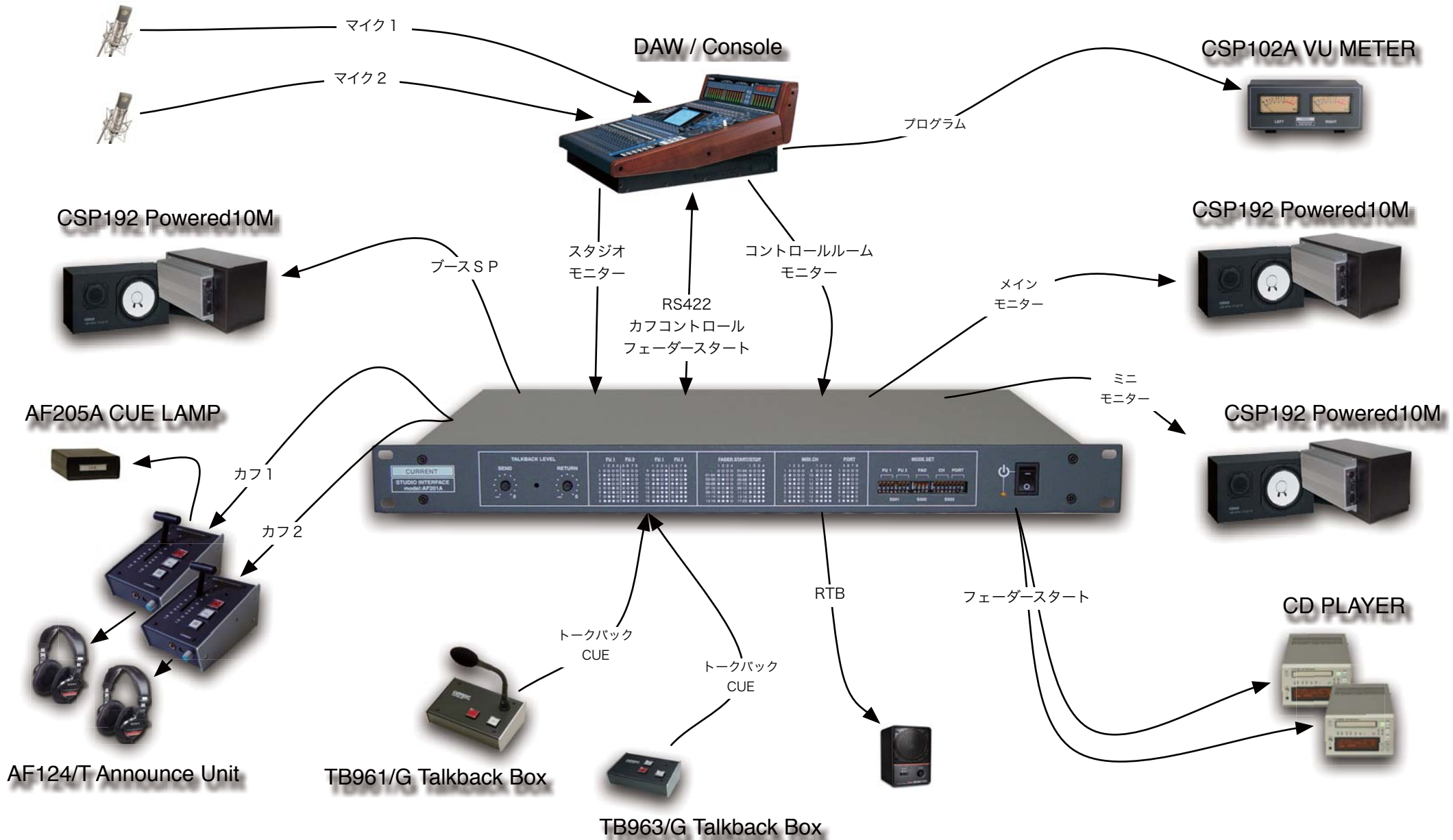
## SPECIFICATIONS

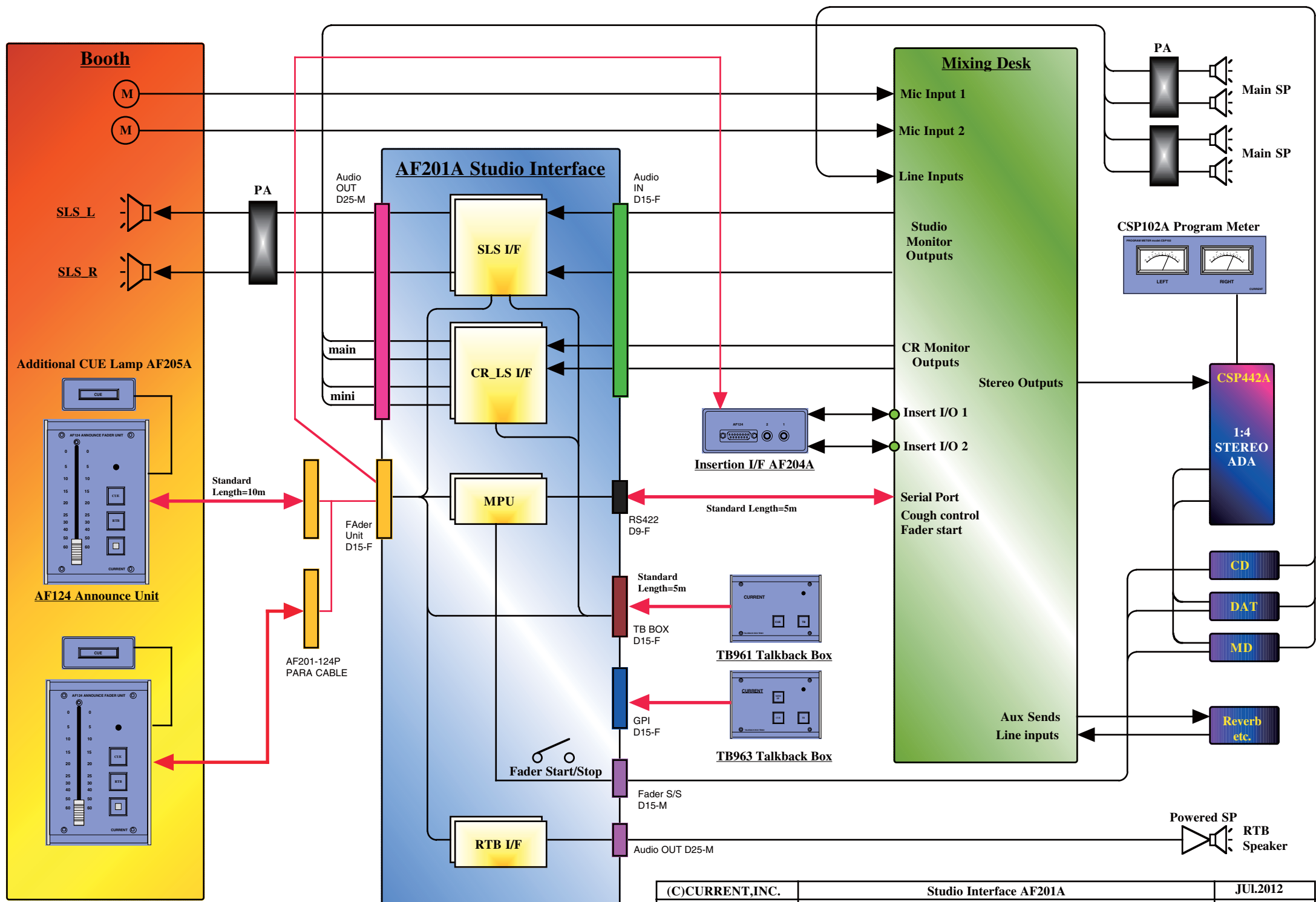
- 🍎 **AUDIO INPUTS:** D15-F(#4-40), 24kΩ, Ref=+4dBu, Max=+24dBu
- 🍎 **AUDIO OUTPUTS:** D25-M(#4-40), 50Ω, Ref=+4dBu, Max=+24dBu
- 🍎 **FRONT PANEL CONTROL:** TB & RTB LEVEL, mode set
- 🍎 **FREQ. RESP. :** 20~20kHz ±0.1dB 🍎 **THD:** < 0.01% at 1kHz, @REF
- 🍎 **TB963, AF124 CONNECTOR:** D15-F(#4-40) 🍎 **FAD. S/S CONNecTOR:** D15-M(#4-40) 🍎 **FAD. S/S I/F:** ONE-SHOT RELAY MAKE CONTACT(MAX=100mA) 🍎 **RS422 CONNECTOR:** D9-F(#4-40) 🍎 **GPI CONNECTOR:** D15-F(#4-40) 🍎 **MAINS:** 100VAC 50/60Hz, MAX 15W
- 🍎 **DIMENSIONS:** 482Wx444Hx303D,4kg

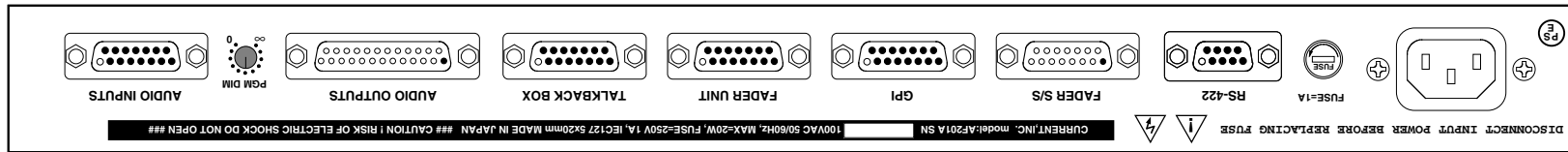
Studio Interface	AF201A:	¥298,000
Fader start option	AF201-FAD:	¥48,000
Cough unit (fader type)	AF124:	¥198,000
Cough unit (T-Bar type)	AF124T:	¥298,000
Talkback box	TB961:	¥64,000
Talkback box (goose neck)	TB961G:	¥98,000
Talkback box	TB963:	¥68,000
Talkback box (goose neck)	TB963G:	¥99,000
CUE lamp	AF205A:	¥32,000
AF124 cable 10m	AF201-124:	¥45,000
AF124 cable 20m	AF201-124-20:	¥55,000
AF124 para cable 50cm	AF201-124P:	¥7,200
TB961/963 cable 5m	AF201-963:	¥32,000
TB961/963 cable 10m	AF201-963-10:	¥40,000
Serial cable 5m (DSUB)	AF201-D9:	¥24,000
Serial cable 5m (DIN)	AF201-DIN:	¥24,000
Serial cable 5m (MIDI)	AF201-M:	¥24,000
Serial cable 5m (DM1000)	AF201-D9K:	¥24,000
accessory : AC cable		

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

# AF201A Communication System





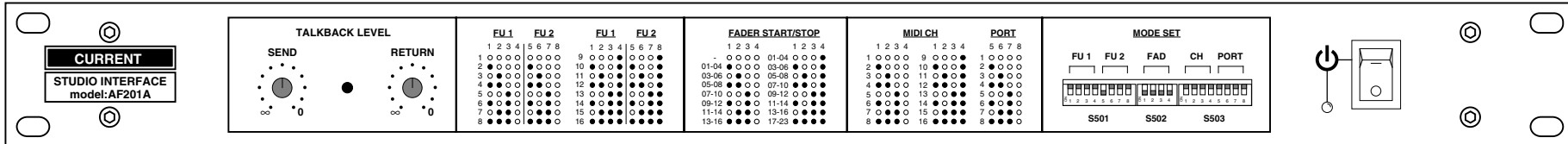


AUDIO IN D15-F(#4-40)	AUDIO_OUT D25-M(#4-40)	TB963 D15-F(#4-40)	AF124 D15-F (#4-40)	GPI D15-F (#4-40)	FADER S/S D15-M (#4-40)	RS422 D9-F (#4-40)
01 MON L+ 09 MON L-	01 SLS L+ 14 SLS L-	01 +15V 09 -15V	01 MON L+ 09 MON L-	01 FU1 TLY 09 FU2 TLY	01 COM1 09 START1	01 GND 06 RX GND
02 GND 10 MON R+	02 GND 15 SLS R+	02 +15V 10 0V	02 MON R+ 10 MON R-	02 +15V 10 0V	02 STOP1 10 COM2	02 RX+ 07 RX-
03 MON R- 11 GND	03 SLS R- 16 GND	03 TB SW 11	03 S-CUE 11 S-RTB	03 TB CMD 11 TB TLY	03 START2 11 STOP2	03 TX- 08 TX+
04 CR L+ 12 CR L-	04 CR 1L+ 17 CR 1L-	04 CUE SW 12	04 Y-FU1 12 Y-FU2	04 CUE CMD 12 CUE TLY	04 COM3 12 START3	04 TX GND 09 GND
05 GND 13 CR R+	05 GND 18 CR 1R+	05 MINI SW 13	05 L-MIC1+ 13 L-MIC1-	05 MINI CMD 13 MINI TLY	05 STOP3 13 COM4	05
06 CR R- 14 GND	06 CR 1R- 19 GND	06	06 L-MIC2+ 14 L-MIC2-	06	06 START4 14 STOP4	
07	07 CR 2L+ 20 CR 2L+	07 MIC +5V 15 MIC SIG	07 +15V 15 0V	07 MIC +5V 15 MIC SIG	07 +5V 15 0V	
08 GND	08 GND 21 CR 2R+	08 MIC GND	08 -15V	08 MIC GND	08	
	09 CR 2R- 22 GND					
	10 RTB+ 23 RTB-					
	11 GND 24					
	12					
	13					

Rev.2 above sn.5001

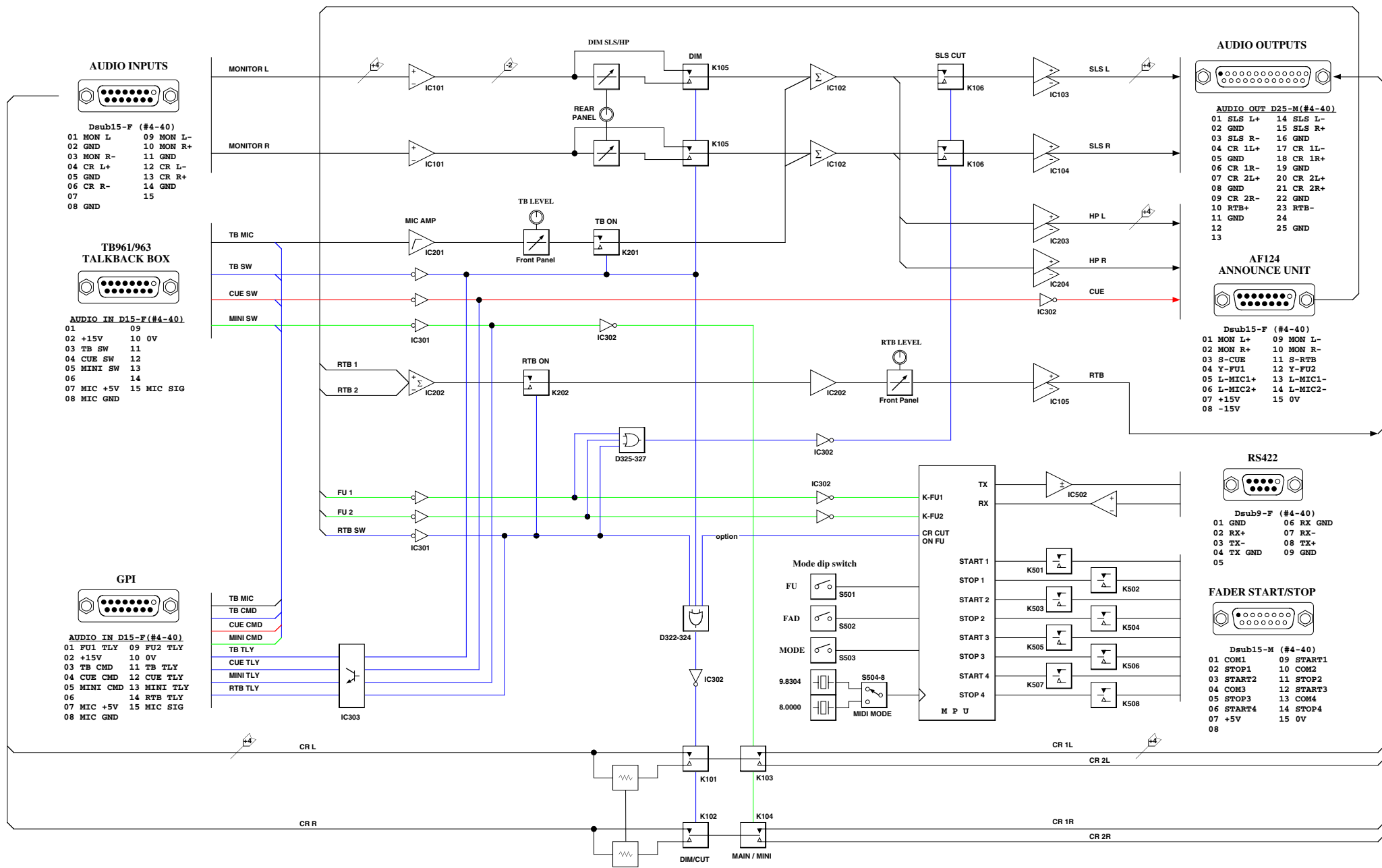
AUDIO IN D15-F(#4-40)	AUDIO_OUT D25-M(#4-40)	TB963 D15-F(#4-40)	AF124 D15-F (#4-40)	GPI D15-F (#4-40)	FADER S/S D15-M (#4-40)	RS422 D9-F (#4-40)
01 MON L+ 09 MON L-	01 SLS L+ 14 SLS L-	01 +15V 09 -15V	01 MON L+ 09 MON L-	01 FU1 TLY 09 FU2 TLY	01 COM1 09 START1	01 0V 06 RX 0V
02 GND 10 MON R+	02 GND 15 SLS R+	02 +5V 10 0V	02 MON R+ 10 MON R-	02 +5V 10 0V	02 STOP1 10 COM2	02 RX+ 07 RX-
03 MON R- 11 GND	03 SLS R- 16 GND	03 TB SW 11	03 S-CUE 11 S-RTB	03 TB CMD 11 TB TLY	03 START2 11 STOP2	03 TX- 08 TX+
04 CR L+ 12 CR L-	04 CR 1L+ 17 CR 1L-	04 CUE SW 12	04 Y-FU1 12 Y-FU2	04 CUE CMD 12 CUE TLY	04 COM3 12 START3	04 TX 0V 09 0V
05 GND 13 CR R+	05 GND 18 CR 1R+	05 MINI SW 13	05 L-MIC1+ 13 L-MIC1-	05 MINI CMD 13 MINI TLY	05 STOP3 13 COM4	05 RX MONITOR
06 CR R- 14 GND	06 CR 1R- 19 GND	06	06 L-MIC2+ 14 L-MIC2-	06 RTB CMD 14 RTB TLY	06 START4 14 STOP4	
07	07 CR 2L+ 20 CR 2L+	07 MIC +5V 15 MIC SIG	07 +15V 15 GND	07 MIC +5V 15 MIC SIG	07 +5V 15 0V	
08 GND	08 GND 21 CR 2R+	08 MIC GND	08 -15V	08 MIC GND	08 RX MONITOR	
	09 CR 2R- 22 GND					
	10 RTB+ 23 RTB-					
	11 GND 24					
	12					
	13					

302.6



482.0

44.0



**AUDIO INPUTS**

- Dsub15-F (#4-40)
- 01 MON L
  - 02 GND
  - 03 MON R-
  - 04 CR L+
  - 05 GND
  - 06 CR R-
  - 07
  - 08 GND
  - 09 MON L-
  - 10 MON R+
  - 11 GND
  - 12 CR L-
  - 13 CR R+
  - 14 GND
  - 15

**TB961/963 TALKBACK BOX**

- AUDIO IN D15-F (#4-40)
- 01 +15V
  - 02 TB SW
  - 03 CUE SW
  - 04 MINI SW
  - 05
  - 06
  - 07 MIC +5V
  - 08 MIC GND
  - 09 0V
  - 10
  - 11
  - 12
  - 13
  - 14
  - 15 MIC SIG

**GPI**

- AUDIO IN D15-F (#4-40)
- 01 FU1 TLY
  - 02 +15V
  - 03 TB CMD
  - 04 CUE CMD
  - 05 MINI CMD
  - 06
  - 07 MIC +5V
  - 08 MIC GND
  - 09 FU2 TLY
  - 10 0V
  - 11 TB TLY
  - 12 CUE TLY
  - 13 MINI TLY
  - 14 RTB TLY
  - 15 MIC SIG

**AUDIO OUTPUTS**

- AUDIO\_OUT D25-M (#4-40)
- 01 SLS L+
  - 02 GND
  - 03 SLS R-
  - 04 CR 1L+
  - 05 GND
  - 06 CR 1R-
  - 07 CR 2L+
  - 08 GND
  - 09 CR 2R-
  - 10 RTB+
  - 11 GND
  - 12
  - 13
  - 14 SLS L-
  - 15 SLS R+
  - 16 GND
  - 17 CR 1L-
  - 18 CR 1R+
  - 19 GND
  - 20 CR 2L+
  - 21 CR 2R+
  - 22 GND
  - 23 RTB-
  - 24
  - 25 GND

**AF124 ANNOUNCE UNIT**

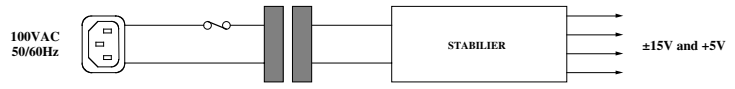
- Dsub15-F (#4-40)
- 01 MON L+
  - 02 MON R+
  - 03 S-CUE
  - 04 Y-FU1
  - 05 L-MIC1+
  - 06 L-MIC2+
  - 07 +15V
  - 08 -15V
  - 09 MON L-
  - 10 MON R-
  - 11 S-RTB
  - 12 Y-FU2
  - 13 L-MIC1-
  - 14 L-MIC2-
  - 15 0V

**RS422**

- Dsub9-F (#4-40)
- 01 GND
  - 02 RX+
  - 03 TX-
  - 04 TX GND
  - 05
  - 06 RX GND
  - 07 RX+
  - 08 TX+
  - 09 GND

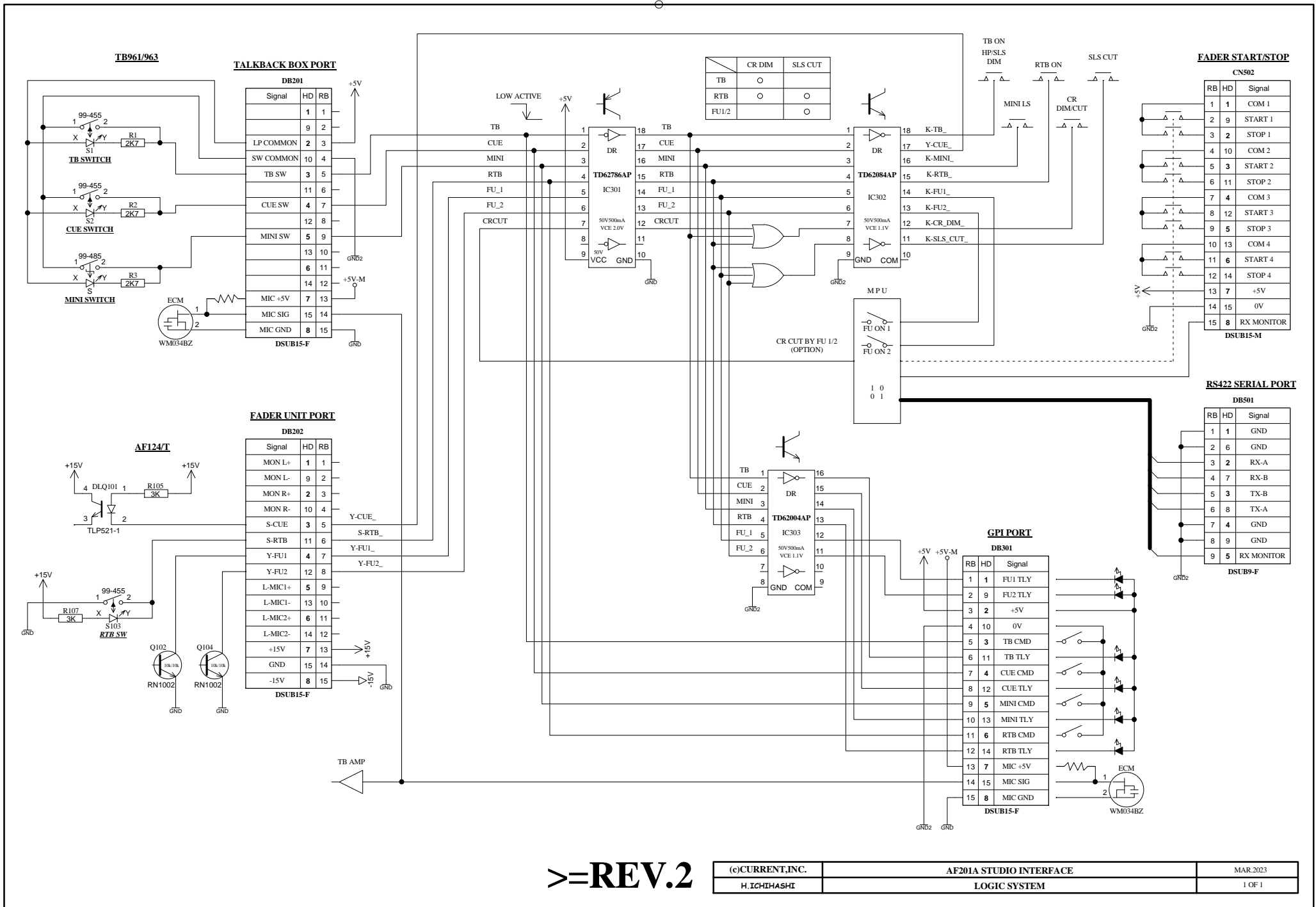
**FADER START/STOP**

- Dsub15-M (#4-40)
- 01 COM1
  - 02 STOP1
  - 03 START2
  - 04 COM3
  - 05 STOP3
  - 06 START4
  - 07 +5V
  - 08
  - 09 START1
  - 10 COM2
  - 11 STOP2
  - 12 START3
  - 13 COM4
  - 14 STOP4
  - 15 0V



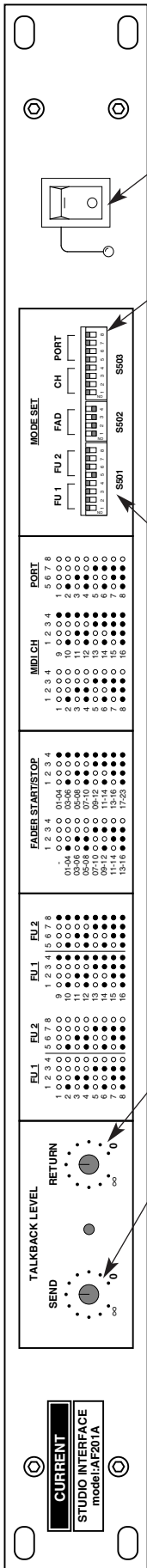
AF201A > rev.2

(c)CURRENT,INC.	AF201A STUDIO INTERFACE	Feb.2018
H.ICHIHASHI	SYSTEM DIAGRAM	AF201A-B rev2



>=REV.2

(c)CURRENT,INC.	AF201A STUDIO INTERFACE	MAR.2023
H. ICHIHASHI	LOGIC SYSTEM	1 OF 1



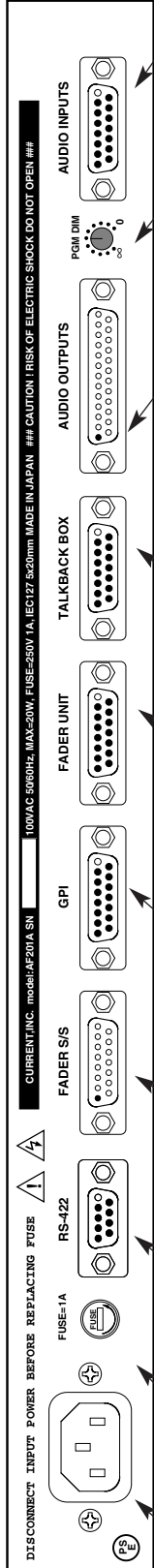
**MAINS SWITCH**  
LED illuminate on AF201A active. If you re-power up then wait more than 5 sec.

**Baud Rate Change**  
In AF201A rev.2 (sn. 5001 or above), change of the baud rate is possible in S503-8 switch. OFF is 38.4k, ON changes it to 31.25k and allows the use in the MIDI port. When change setting should be reboot.

**MODE SWITCH**  
S501 set for cough channel, S502 set for fader start/stop channel, S503 for MIDI channel and port. When change setting should be reboot.

**TB RETURN**  
Set RTB(return talkback) level from booth. On RTB, -10dB dim by fixed internal preset.

**TB SEND**  
Set talkback level for studio loud speakers and headphones monitor. Monitor signal dimmed during talkback. The dim level change on rear panel trim. Communication is very smart by talkback amp with compressor.



**AUDIO INPUTS**  
Signal source inputs for SLS, HP, and CR monitor. +4dBu, Balanced.  
D15-F, Use #4-40 UNC screw for fix.

**PRM DIM**  
Dim level on TB for SLS and HP monitor.

**AUDIO OUTPUTS**  
Output for SLS, CR1, CR2 and RTB. +4dBu, Balanced 1/4" phone.  
D25-M, Use #4-40 UNC screw for fix.

**TALKBACK BOX TB963**  
Connect talkback box TB961 or TB963.  
Use #4-40 UNC screw for fix.

**FADER UNIT AF124**  
Connect announce unit AF124.  
Use #4-40 UNC screw for fix.

**GPI**  
FU1, FU2, TB, CUE, MINI, RTB command and tally outputs include additional TB mic  
Use #4-40 UNC screw for fix.

**FADER START/STOP**  
Fader start and stop control via serial remote from console. Use #4-40 UNC screw for fix.

**SERIAL REMOTE**  
Connect to serial remote port of console.  
Use #4-40 UNC screw for fix.

**FUSE**  
Use 1A/250 5x20mm size.  
Disconnect input power before replacing fuse.

**MAINS**  
Use AC100V 50/60Hz

**Define cough channel, fader start and etc. mode. (DM2000 and O2R96)**

Change dip switches on bottom panel of the AF201A that factory preset on masked. Power of before you change mode.

Cough cahnnel can be change by "control change table", "channel pair" and "mute group"

Please set MIDI mode on setup menu of the console as follows. Set PC-2(no item with DM1000) for TO-HOST, SERIAL-1(port) for Rx and Tx port. as MIDI/HOST tab. Set ON Tx and Rx for Control change as SETUP tab.

Default Tx and Rx MIDI channel is one.

S501(1-4) FU-1				
CH	S1	S2	S3	S4
01	OFF	OFF	OFF	OFF
02	ON	OFF	OFF	OFF
03	OFF	ON	OFF	OFF
04	ON	ON	OFF	OFF
05	OFF	OFF	ON	OFF
06	ON	OFF	ON	OFF
07	OFF	ON	ON	OFF
08	ON	ON	ON	OFF
09	OFF	OFF	OFF	ON
10	ON	OFF	OFF	ON
11	OFF	ON	OFF	ON
12	ON	ON	OFF	ON
13	OFF	OFF	ON	ON
14	ON	OFF	ON	ON
15	OFF	ON	ON	ON
16	ON	ON	ON	ON

S501(5-8) FU-2				
CH	S5	S6	S7	S8
01	OFF	OFF	OFF	OFF
02	ON	OFF	OFF	OFF
03	OFF	ON	OFF	OFF
04	ON	ON	OFF	OFF
05	OFF	OFF	ON	OFF
06	ON	OFF	ON	OFF
07	OFF	ON	ON	OFF
08	ON	ON	ON	OFF
09	OFF	OFF	OFF	ON
10	ON	OFF	OFF	ON
11	OFF	ON	OFF	ON
12	ON	ON	OFF	ON
13	OFF	OFF	ON	ON
14	ON	OFF	ON	ON
15	OFF	ON	ON	ON
16	ON	ON	ON	ON

S502(1-4) FADER START AND STOP (OPTION)					
CH	S1	S2	S3	S4	動作
-----	OFF	OFF	OFF	OFF	Does not work.
*01-04	ON	OFF	OFF	OFF	Start and Stop
*03-06	OFF	ON	OFF	OFF	Start and Stop
*05-08	ON	ON	OFF	OFF	Start and Stop
*07-10	OFF	OFF	ON	OFF	Start and Stop
*09-12	ON	OFF	ON	OFF	Start and Stop
*11-14	OFF	ON	ON	OFF	Start and Stop
*13-16	ON	ON	ON	OFF	Start and Stop
01-04	OFF	OFF	OFF	ON	Start only
03-06	ON	OFF	OFF	ON	Start only
05-08	OFF	ON	OFF	ON	Start only
07-10	ON	ON	OFF	ON	Start only
09-12	OFF	OFF	ON	ON	Start only
11-14	ON	OFF	ON	ON	Start only
13-16	OFF	ON	ON	ON	Start only
*17,19,21,23	ON	ON	ON	ON	Start and Stop

\*mode works start and stop action by fader of the console. Other mode works only start action that can be send the start command for 8 machines. On this mode, relay out 1,2,3,4 fixed for fader 14,19,21,23 and output 5-8 assignable.

Fader start and stop action does not work on channel off.  
If you now fader is up and channel off to on then start command output but on to off does not work.

S503(1-4) MIDI CHANNEL				
CH	S1	S2	S3	S4
01	OFF	OFF	OFF	OFF
02	ON	OFF	OFF	OFF
03	OFF	ON	OFF	OFF
04	ON	ON	OFF	OFF
05	OFF	OFF	ON	OFF
06	ON	OFF	ON	OFF
07	OFF	ON	ON	OFF
08	ON	ON	ON	OFF
09	OFF	OFF	OFF	ON
10	ON	OFF	OFF	ON
11	OFF	ON	OFF	ON
12	ON	ON	OFF	ON
13	OFF	OFF	ON	ON
14	ON	OFF	ON	ON
15	OFF	ON	ON	ON
16	ON	ON	ON	ON

S503(5-8) MIDI PORT & BaudRate				
PORT	S5	S6	S7	S8
01	OFF	OFF	OFF	
02	ON	OFF	OFF	
03	OFF	ON	OFF	
04	ON	ON	OFF	
05	OFF	OFF	ON	
06	ON	OFF	ON	
07	OFF	ON	ON	
08	ON	ON	ON	
mini-DIN port (38.4k) Dsub-9P port (38.4k)				OFF OFF
MIDI port (31.25k)				ON

It sets a MIDI port by S5, S6, S7.  
Please set it appropriately in case you use it together with other MIDI equipment.

**Baud Rate Change**

In AF201A rev.2 (sn. 5001 or above), change of the baud rate is possible in PORT4 switch.  
OFF is 38.4k, ON changes it to 31.25k and allows the use in the MIDI port. When change setting should be reboot.



# AF201A Connector Pin List

## AF201A "Audio Inputs " Dsub15-F(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	MON L+	MONITOR SOURCE INPUT LEFT +	audio
2	9	MON L-	MONITOR SOURCE INPUT LEFT -	audio
3	2	GND	MONITOR SOURCE INPUT LEFT 0	GND
4	10	MON R+	MONITOR SOURCE INPUT RIGHT +	audio
5	3	MON R-	MONITOR SOURCE INPUT RIGHT -	audio
6	11	GND	MONITOR SOURCE INPUT RIGHT 0	GND
7	4	CR L+	CR MONITOR INPUT LEFT +	audio
8	12	CR L-	CR MONITOR INPUT LEFT -	audio
9	5	GND	CR MONITOR INPUT LEFT 0	
10	13	CR R+	CR MONITOR INPUT RIGHT +	audio
11	6	CR R-	CR MONITOR INPUT LEFT -	audio
12	14	GND	CR MONITOR INPUT LEFT 0	GND
13	7			
14	15			
15	8	GND	GND	GND

**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。**

## AF201A "Talkback Box" Dsub15-F(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	+15V	+15V SUPPLY (ABOVE SN5001)	+15V
2	9	-15V	-15V SUPPLY (ABOVE SN5001)	-15V
3	2	LP COM	LAMPS COMMON +15V	+15V/+5V
4	10	SW COM	SWITCHES COMMON 0V	0V
5	3	TB SW	TB SWITCH	0V
6	11			
7	4	CUE SW	CUE SWITCH	0V
8	12			
9	5	MINI SW	MINI MONITOR SELECT SWITCH	0V
10	13			
11	6			
12	14			
13	7	MIC +5V	+5V MIC POWER	+5V
14	15	MIC SIG	TALKBACK MIC SIGNAL	audio
15	8	MIC GND	MIC GND	0V

**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。**

# AF201A Connector Pin List

## AF201A "Fader Unit" Dsub15-F(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	MON L+	MONITOR SEND LEFT +	audio
2	9	MON L-	MONITOR SEND LEFT -	audio
3	2	MON R+	MONITOR SEND RIGHT +	audio
4	10	MON R-	MONITOR SEND RIGHT -	audio
5	3	S-CUE_	CUE SWITCH COMMAND SEND	Lo
6	11	S-RTB_	RTB SWITCH COMMAND RECEIVE	Lo
7	4	Y-FU1_	FU-1 ON COMMAND RECEIVE	Lo
8	12	Y-FU2_	FU-2 ON COMMAND RECEIVE	Lo
9	5	L-MIC1+	RTB MIC RECEIVE 1+	audio
10	13	L-MIC1-	RTB MIC RECEIVE 1-	audio
11	6	L-MIC2+	RTB MIC RECEIVE 2+	audio
12	14	L-MIC2-	RTB MIC RECEIVE 2-	audio
13	7	+15V	+15V SUPPLY	+15V
14	15	GND	GND	0V
15	8	-15V	-15V SUPPLY	-15V

**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。**

## AF201A "GPI" Dsub15-F(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	B-FU1	FU1 ON TALLY (open collector max +24V 10mA)	Lo
2	9	B-FU2	FU2 ON TALLY (open collector max +24V 10mA)	Lo
3	2	+15V/+5V	+15V SUPPLY (+5V for ABOVE SN5001)	+15V/+5V
4	10	0V	0V	0V
5	3	S-TB	TB COMMAND (pulled up to +5V)	Lo
6	11	B-TB	TB TALLY (open collector max +24V 10mA)	Lo
7	4	S-CUE	CUE COMMAND (pulled up to +5V)	Lo
8	12	B-CUE	CUE TALLY (open collector max +24V 10mA)	Lo
9	5	S-MINI	MINI COMMAND (pulled up to +5V)	Lo
10	13	B-MINI	MINI TALLY (open collector max +24V 10mA)	Lo
11	6	S-RTB	RTB COMMAND (pulled up to +5V)	Lo
12	14	B-RTB	RTB TALLY (open collector max +24V 10mA)	Lo
13	7	MIC +5V	+5V MIC POWER	+5V
14	15	MIC SIG	TALKBACK MIC SIGNAL	audio
15	8	MIC GND	MIC GND	0V

**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。**

# AF201A Connector Pin List

## AF201A "Audio Outputs " Dsub25-M(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	SLS L+	SLS OUTPUT LEFT +	audio
2	14	SLS L-	SLS OUTPUT LEFT -	audio
3	2	GND	SLS OUTPUT LEFT 0	GND
4	15	SLS R+	SLS OUTPUT RIGHT +	audio
5	3	SLS R-	SLS OUTPUT RIGHT -	audio
6	16	GND	SLS OUTPUT RIGHT 0	GND
7	4	CR 1L+	CR MONITOR 1L +	audio
8	17	CR 1L-	CR MONITOR 1L -	audio
9	5	GND	CR MONITOR 1L 0	
10	18	CR 1R+	CR MONITOR 1R +	audio
11	6	CR 1R-	CR MONITOR 1R -	audio
12	19	GND	CR MONITOR 1R -	GND
13	7	CR 2L+	CR MONITOR 2L +	audio
14	20	CR 2L-	CR MONITOR 2L -	audio
15	8	GND	CR MONITOR 2L 0	GND
16	21	CR 2R+	CR MONITOR 2R +	audio
17	9	CR 2R-	CR MONITOR 2R -	audio
18	22	GND	CR MONITOR 2R 0	GND
19	10	RTB+	RTB OUTPUT +	audio
20	23	RTB-	RTB OUTPUT -	audio
21	11	GND	RTB OUTPUT 0	GND
22	24			
23	12			
24	25			
25	13	GND	GND	GND

**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。**

# AF201A Connector Pin List

## AF201A "Fader S/S" Dsub15-M(#4-40)

Ribbon	Hard	Signal name	Start/Stop mode	Start mode	Active
1	1	COM1	COMMON 1	COMMON 1/2	RELAY
2	9	START1	START 1	START 1	RELAY
3	2	STOP1	STOP 1	START 2	RELAY
4	10	COM2	COMMON 2	COMMON 3/4	RELAY
5	3	START2	START 2	START 3	RELAY
6	11	STOP2	STOP 2	START 4	RELAY
7	4	COM3	COMMON 3	COMMON 5/6	RELAY
8	12	START3	START 3	START 5	RELAY
9	5	STOP3	STOP 3	START 6	RELAY
10	13	COM4	COMMON 4	COMMON 7/8	RELAY
11	6	START4	START 4	START 7	RELAY
12	14	STOP4	STOP 4	START 8	RELAY
13	7	+5V	+5V SUPPLY (ABOVE SN5001)		+5V
14	15	0V	0V (ABOVE SN5001)		0V
15	8	RXMON	RS422 receive monitor output (ABOVE SN5001)		TTL

**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。**

## AF201A "RS-422" Dsub9-F(#4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	GND	GND	0V
2	6	RX GND	GND	0V
3	2	RX-A	RS422 RECEIVE +	RS422
4	7	RX-B	RS422 RECEIVE -	RS422
5	3	TX-B	RS422 TRANSMIT -	RS422
6	8	TX-A	RS422 TRANSMIT +	RS422
7	4	TX GND	GND	0V
8	9	GND	GND	0V
9	5	RXMON	RS422 receive monitor output (ABOVE SN5001)	TTL

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

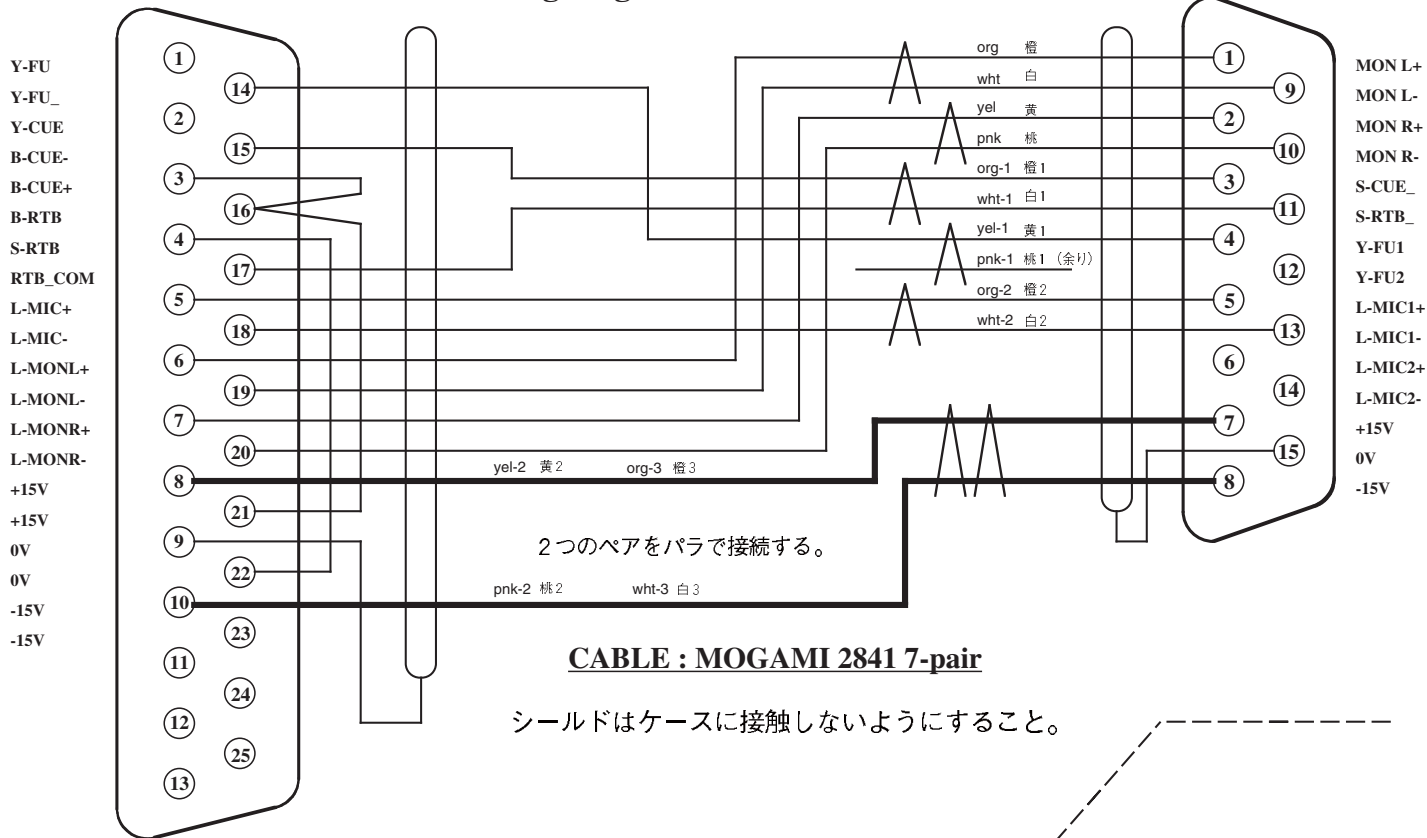
**注意！ Dサブコネクタの接続はHardピン番号で接続してください。取付ビスは#4-40インチビスです。**

AF124  
Dsub25-F #4-40 screw

AF 1 2 4 の 1 号機 を 接 続 す る 場 合 。

AF201 FADER UNIT PORT  
Dsub15-M #4-40 screw

**Wiring diagram for first AF124**

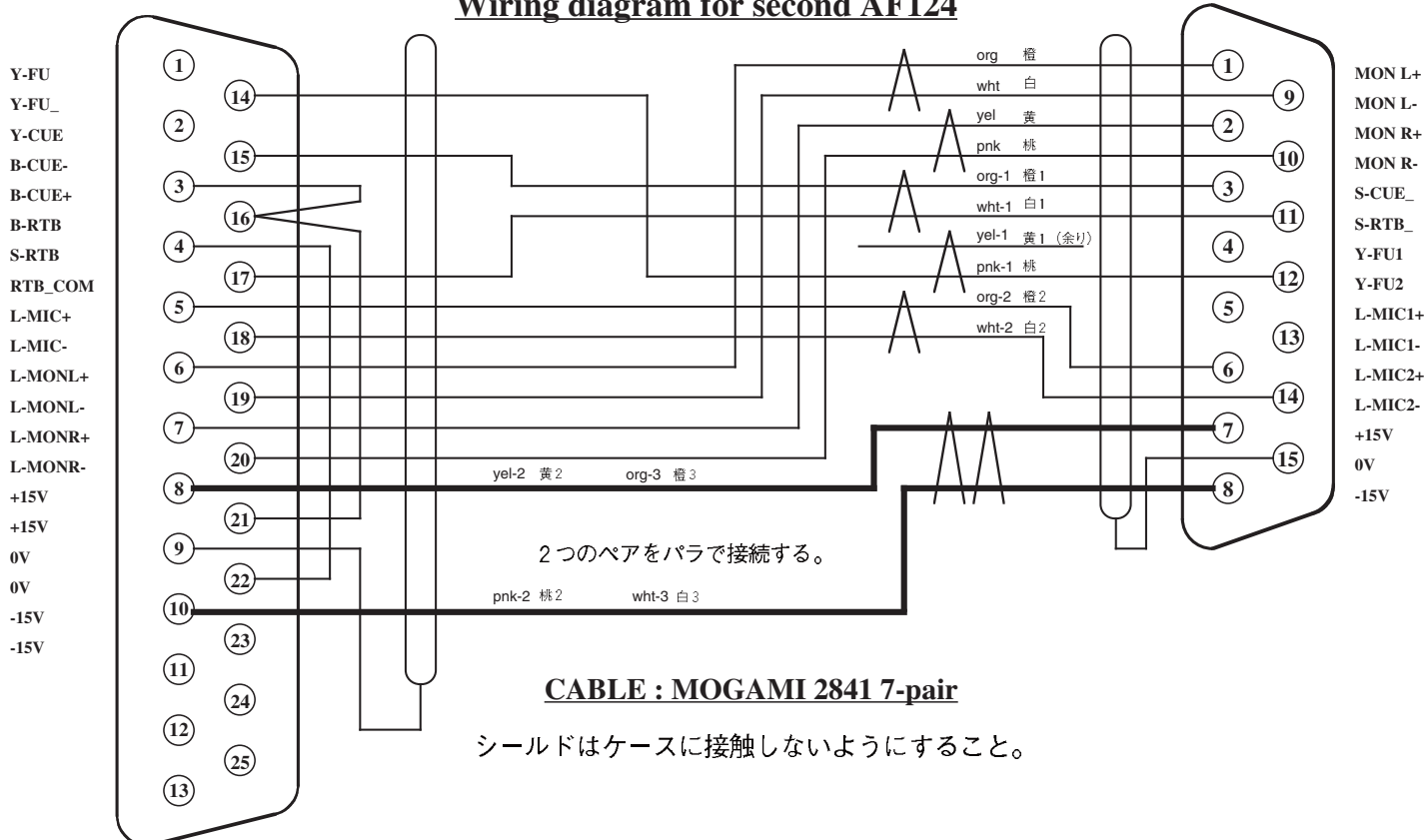


AF124  
Dsub25-F #4-40 screw

AF 1 2 4 の 2 号機 を 接 続 す る 場 合 。

AF201 FADER UNIT PORT  
Dsub15-M #4-40 screw

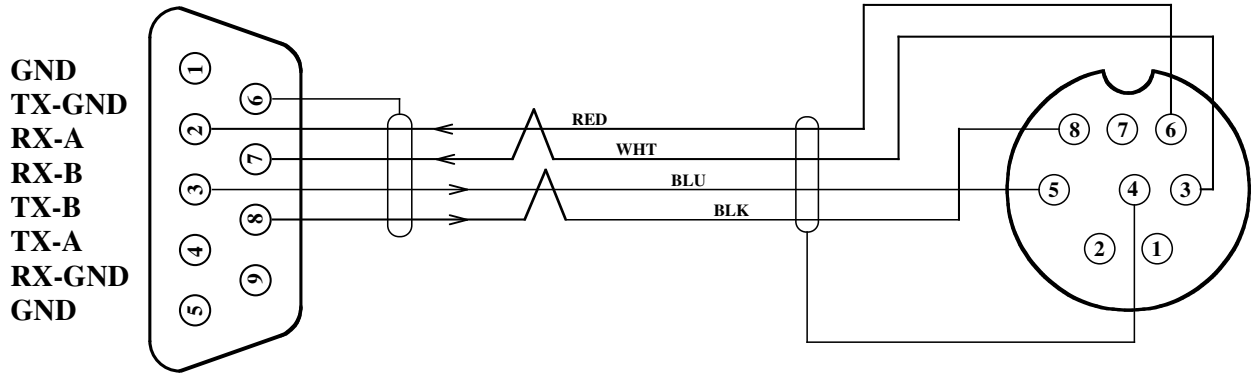
**Wiring diagram for second AF124**



# SERIAL CABLE DM2000/O2R/O2R96

**SERIAL PORT**  
Dsub9-M

**HOST PORT**  
MINI DIN 8P



USE #4-40UNC SCREW

インチビスを使用してください。

**CABLE : MOGAMI 2893**  
**5m**

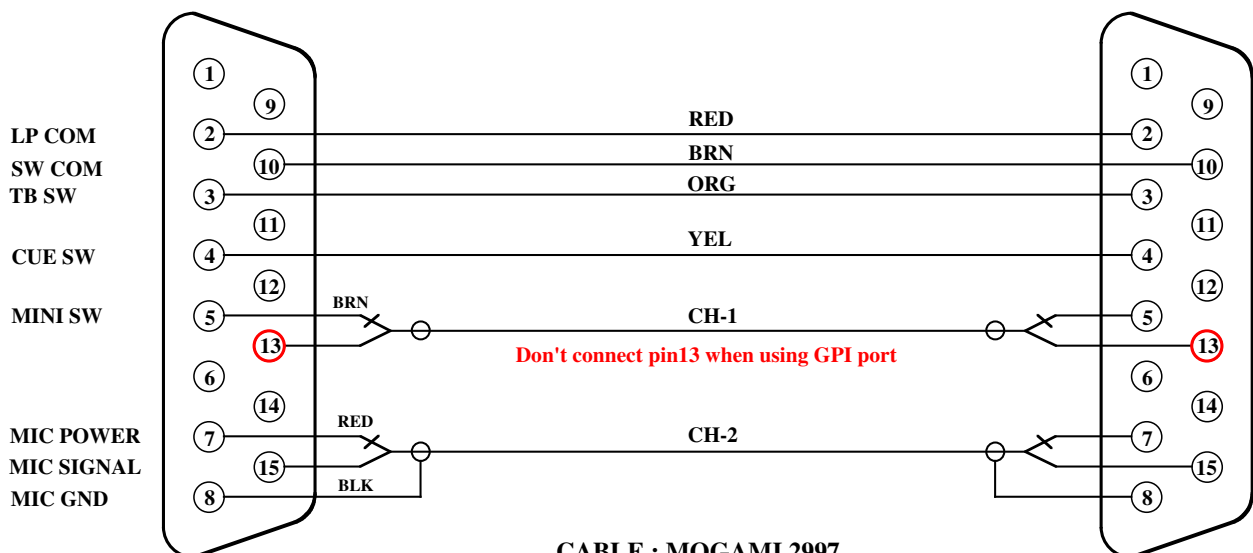
VIEW FROM SOLDER SIDE

半田面から見て

# TB961/963 CABLE

Dsub15-M #4-40 screw

Dsub15-F #4-40 screw



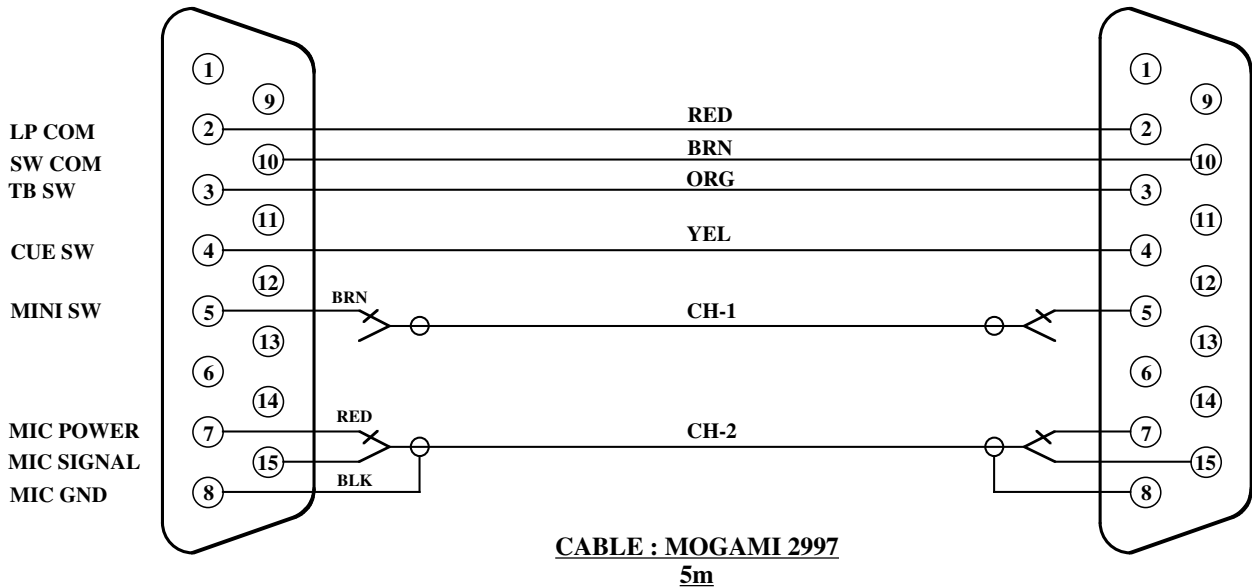
**CABLE : MOGAMI 2997**  
**5m**

(c)CURRENT,INC.	AF201/AF201A	Nov.2011
H.ICHIHASHI	SERIAL & TB-BOX CABLE	SEIAL/TB CABLE

# TB961/963 CABLE

Dsub15-M #4-40 screw

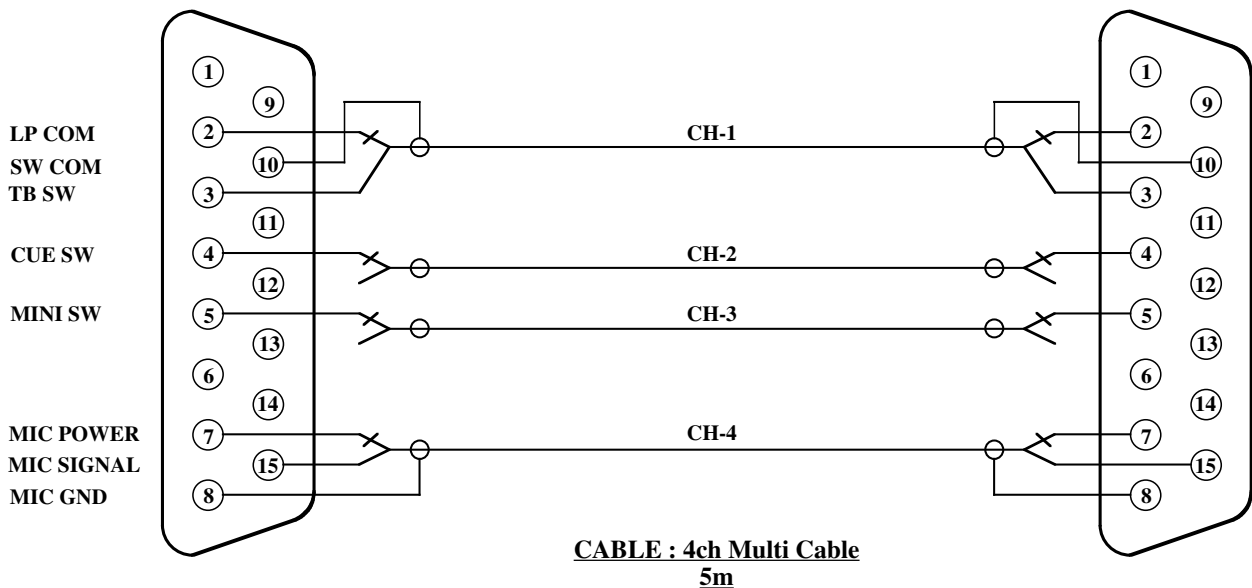
Dsub15-F #4-40 screw



# TB961/963 CABLE

Dsub15-M #4-40 screw

Dsub15-F #4-40 screw

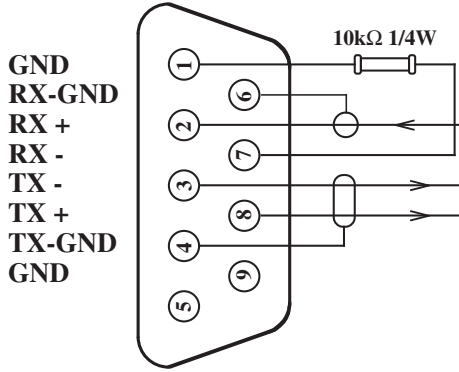


Using audio snake cable

(c)CURRENT,INC.	AF201/AF201A	Apr.2023
H.ICHIHASHI	AF201-963 TB-BOX CABLE	AF201-963 CABLE 4ch multi

## SERIAL CABLE MIDI PORT

**SERIAL PORT**  
Dsub9-M

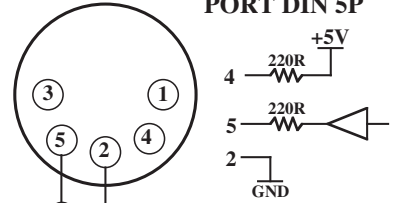


USE #4-40UNC SCREW

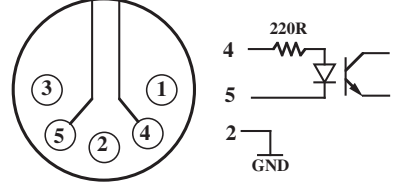
インチビスを使用してください。

CABLE : MOGAMI 2930  
5m

**MIDI OUT**  
PORT DIN 5P



**MIDI IN**  
PORT DIN 5P



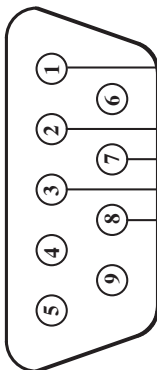
VIEW FROM SOLDER SIDE

半田面から見て

## SERIAL CABLE DM1000 REMOTE PORT

**SERIAL PORT**  
Dsub9-M

GND  
RX-GND  
RX +  
RX -  
TX -  
TX +  
TX-GND  
GND



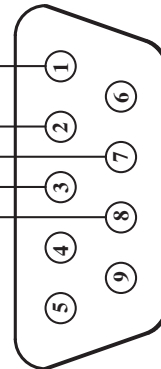
USE #4-40UNC SCREW

インチビスを使用してください。

CABLE : MOGAMI 2893  
5m

**DM1000**  
REMOTE PORT  
Dsub9-F

GND  
RX-GND  
RX -  
RX +  
TX +  
TX -  
TX-GND  
GND  
NC



USE #4-40UNC SCREW

インチビスを使用してください。

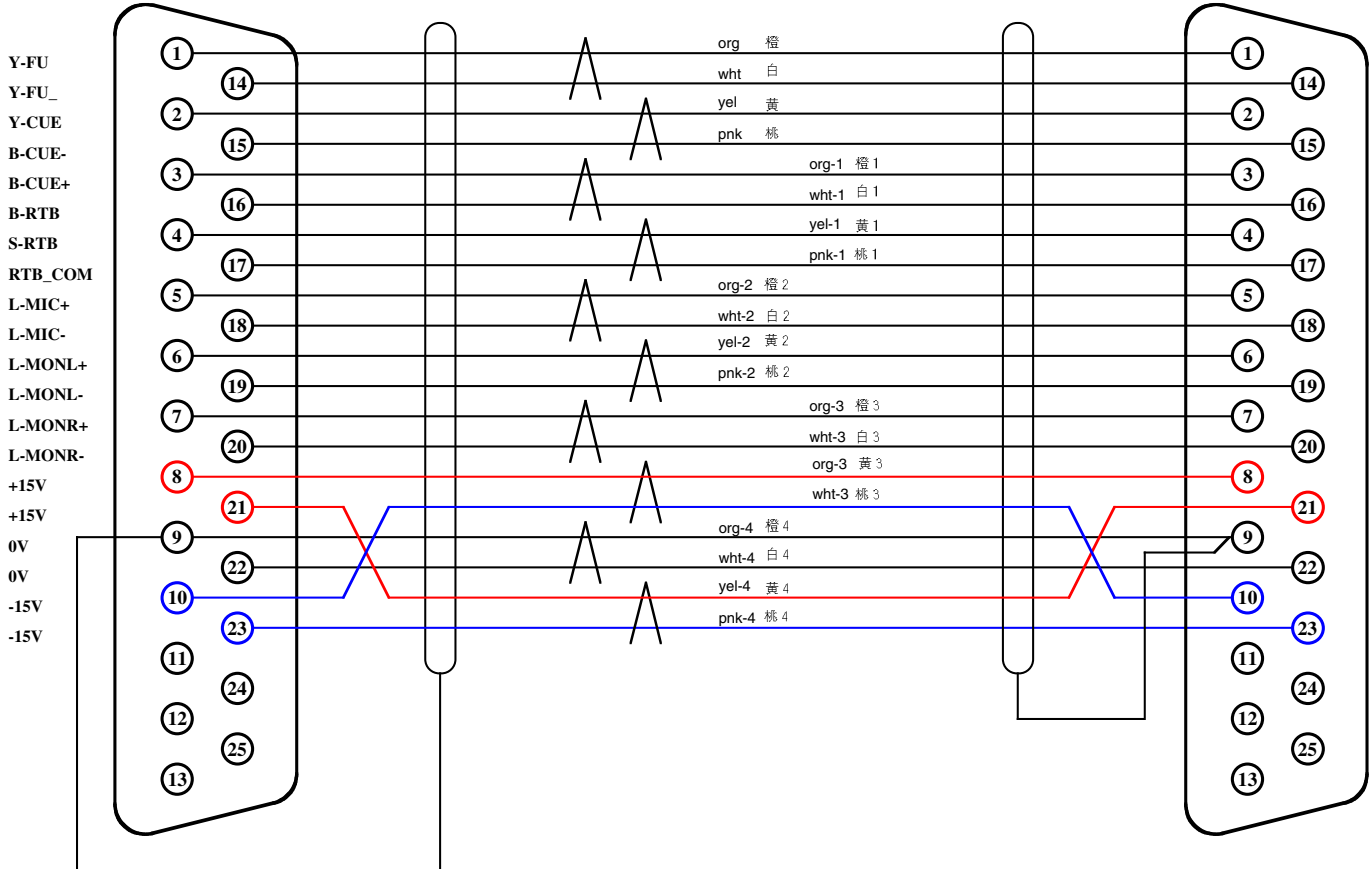
(c)CURRENT,INC.	AF201/AF201A	Nov.2011
H.ICHIHASHI	SERIAL CABLE for MIDI & REMOTE PORT	MIDI/DM1000 CABLE



## Wiring diagram for AF124 Expansion

**AF124**  
Dsub25-F #4-40 screw

**AF124**  
Dsub25-M #4-40 screw



**CABLE : MOGAMI 2843 10-pair**

Apr.2023  
Feb.2009

(c)CURRENT,INC.	AF124/T	Mar.2005
H.ICHIHASHI	AF124 EXPANSION CABLE	AF124-AF124 Expansion