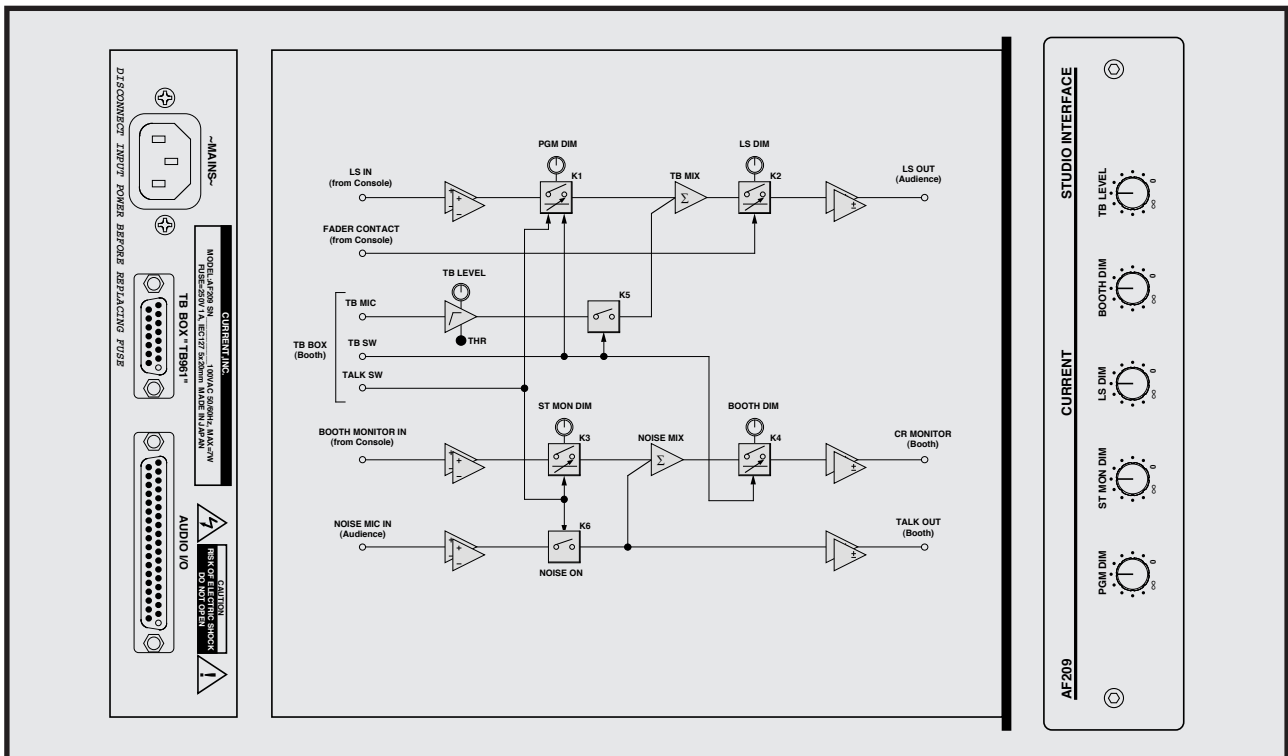


CURRENT PRODUCTS model:AF209

COMMUNICATION INTERFACE



Bidirectional talkback system
 Each channel independent DIM level control
 Remote TB box
 It is most suitable for DJ booth
 1U half rack size

AF209 is providing by function that is most suitable to use it in communication system that Two-way Communication is possible in DJ booth and satellite studio with the audience.

"Booth to audience"

Monitor source from console is sent to monitor speaker to the audience normally, but DIM works to audience monitor at the same time as DIM works to monitor in booth when it presses TB button of TB box and microphone signal of TB box is mixed and is output. At this time, it can set DIM level of TB level, booth monitor and audience monitor with front panel. Additionally, it can use DIM to audience monitor at contact of noise-mic fader of console.

"Audience to booth"

Monitor source from console is sent to monitor speaker of booth normally, but DIM works to audience monitor and booth monitor when it presses TALK button of TB box and audience noise-mic is mixed to booth monitor and is output. At this time, it can set booth monitor DIM level with front panel. Additionally, only for noise-mic when TALK button was pressed is output.

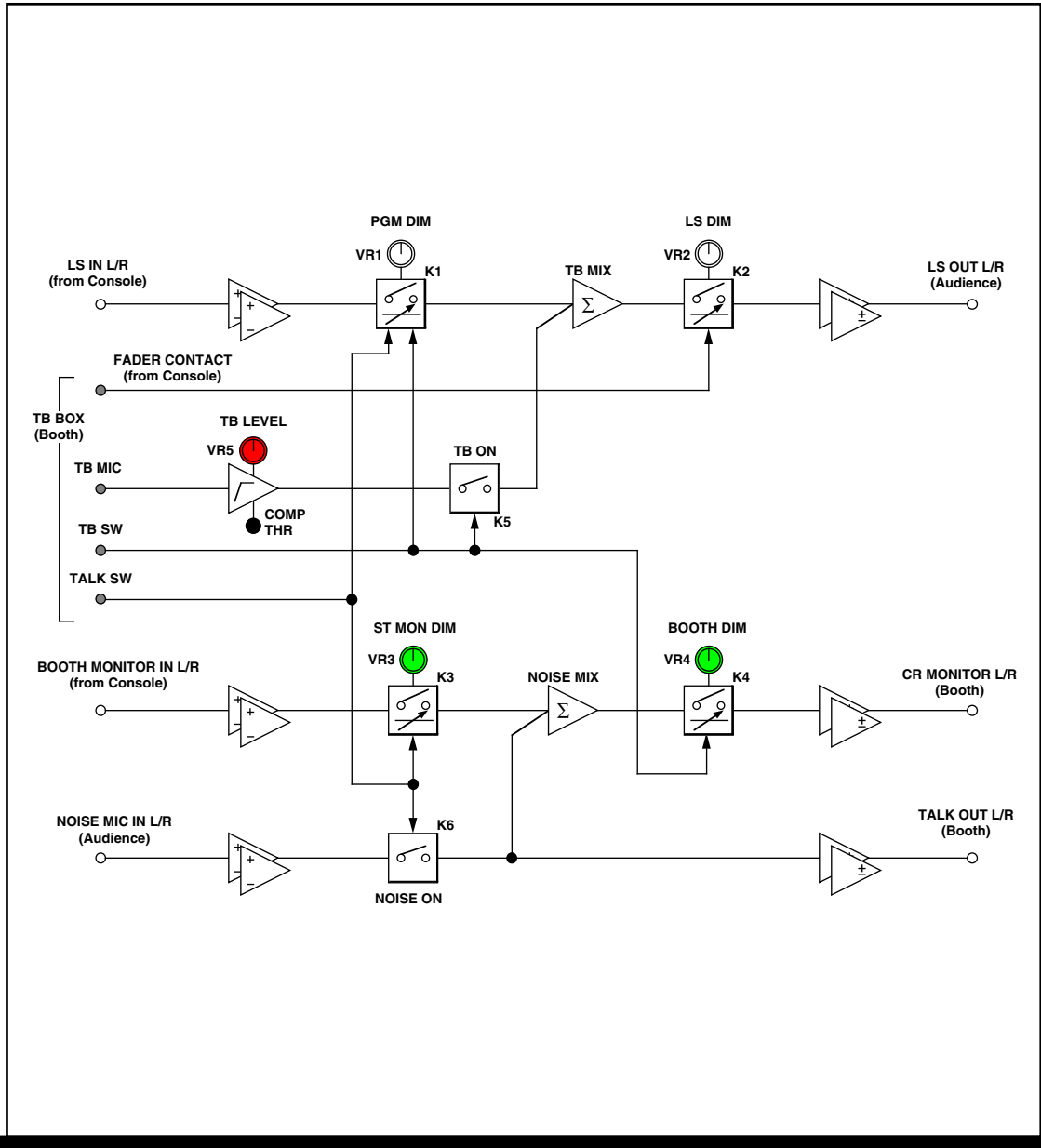
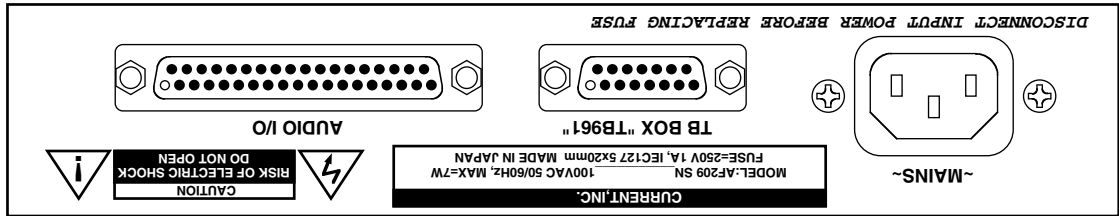
"Others"

Compressor is built in it to microphone amplifier for TB boxes, and communication that clarity is high allows it. Noise-mic input is line input, and, please connect external microphone amplifier or console output. In addition, it can use TB961 for TB box.

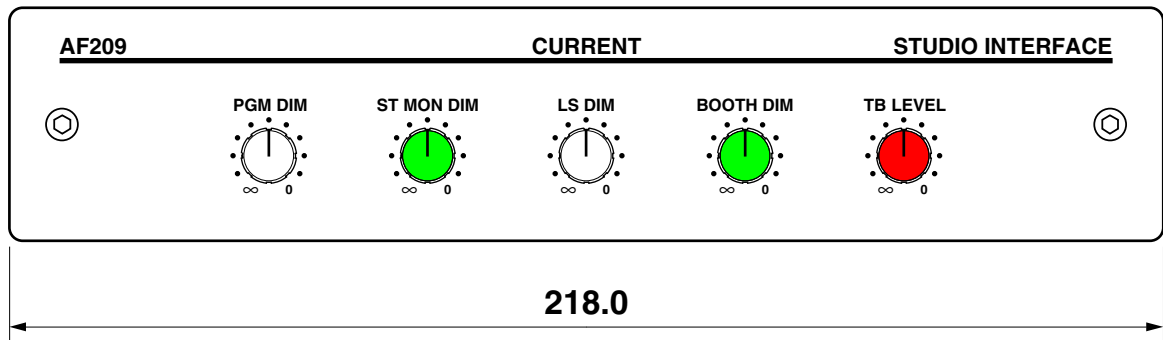
SPECIFICATIONS

- 🍏 **INPUTS:** STEREO LS IN, STEREO Booth MON IN, STEREO NOISE MIC IN
- 🍏 **INPUTS REFERENCE LEVEL:** +4dBu, MAX +24dBu
- 🍏 **OUTPUTS:** STEREO LS OUT, STEREO CR OUT, STEREO NOISE MIC OUT
- 🍏 **OUTPUTS REFERENCE LEVEL:** =+4dBu, MAX +24dBu
- 🍏 **INPUTS/OUTPUTS:** CONNECTORS: D37-F (#4-40)
- 🍏 **TB BOX:** TB961 COMPATIBLE 15-F (#4-40)
- 🍏 **CONTROL:** PGM, ST_MON, LS BOOTH DIM LEVEL, TB_LEVEL
- 🍏 **FREQUENCY RESPONSE:** 20Hz-20kHz ±0.1dB
- 🍏 **THD:** < 0.01% at 1kHz REFERENCE LEVEL
- 🍏 **MAINS:** 100VAC 50/60Hz 10W(MAX)
- 🍏 **DIMENSIONS:** 212W x 44H x 232D 3kg

Communication I/F	AF209	¥248,000
TB Box	TB61	¥64,000
Remote cable 5m	TB961W05	¥32,000
accessory : AC cable		



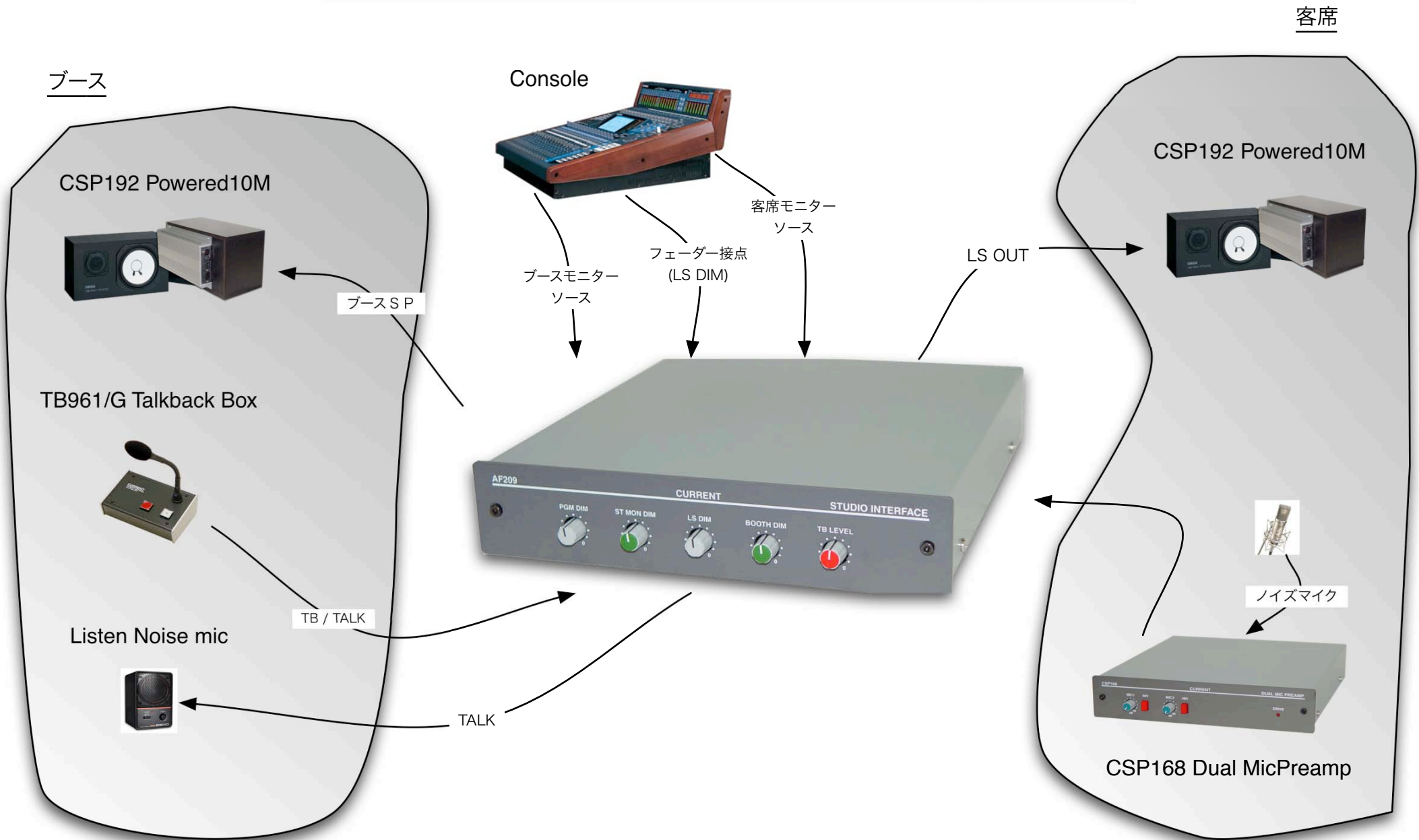
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Oct.2004

(c)CURRENT,INC.	STUDIO INTERFACE AF209	SEP 98
H.ICHIHASHI	PANEL DIAGRAM	AF209-D2004

AF209 Studio Interface



"AF209" AUDIO I/O D37-F(#4-40) Signal Pin list

Ribbon	Hard	Signal name	Designation
1	1	LS IN L+	PROGRAM INPUT for LS L+
2	20	LS IN L-	PROGRAM INPUT for LS L-
3	2	LS IN LG	PROGRAM INPUT for LS LG
4	21	LS IN R+	PROGRAM INPUT for LS R+
5	3	LS IN R-	PROGRAM INPUT for LS R-
6	22	LS IN RG	PROGRAM INPUT for LS RG
7	4	BTH MON L+	BOOTH MONITOR SOURCE INPUT L+
8	23	BTH MON L-	BOOTH MONITOR SOURCE INPUT L-
9	5	BTH MON LG	BOOTH MONITOR SOURCE INPUT LG
10	24	BTH MON R+	BOOTH MONITOR SOURCE INPUT R+
11	6	BTH MON R-	BOOTH MONITOR SOURCE INPUT R-
12	25	BTH MON RG	BOOTH MONITOR SOURCE INPUT RG
13	7	NOISE IN L+	NOISE SOURCE INPUT L+
14	26	NOISE IN L-	NOISE SOURCE INPUT L-
15	8	NOISE IN LG	NOISE SOURCE INPUT LG
16	27	NOISE IN R+	NOISE SOURCE INPUT R+
17	9	NOISE IN R-	NOISE SOURCE INPUT R-
18	28	NOISE IN RG	NOISE SOURCE INPUT RG
19	10	LS OUT L+	LS OUTPUT L+
20	29	LS OUT L-	LS OUTPUT L-
21	11	LS OUT LG	LS OUTPUT LG
22	30	LS OUT R+	LS OUTPUT R+
23	12	LS OUT R-	LS OUTPUT R-
24	31	LS OUT RG	LS OUTPUT RG
25	13	CR OUT L+	CR OUTPUT L+
26	32	CR OUT L-	CR OUTPUT L-
27	14	CR OUT LG	CR OUTPUT LG
28	33	CR OUT R+	CR OUTPUT R+
29	15	CR OUT R-	CR OUTPUT R-
30	34	CR OUT RG	CR OUTPUT RG
31	16	TALK OUT L+	TALK OUTPUT L+
32	35	TALK OUT L-	TALK OUTPUT L-
33	17	TALK OUT LG	TALK OUTPUT LG
34	36	TALK OUT R+	TALK OUTPUT R+
35	18	TALK OUT R-	TALK OUTPUT R-
36	37	TALK OUT RG	TALK OUTPUT RG
37	19		

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。取付は#4-40インチビスです。

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

AF209 "TB961" D15-F(#4-40) Connector Pin List

Ribbon	Hard	Signal name	Designation	Active
1	1	FADER	FADER CONTACT for LS DIM	Lo
2	9	GND	FADER CONTACT COMMON	0V
3	2	LP COM	LAMPS COMMON	+15V
4	10	SW COM	SWITCHES COMMON	0V
5	3	TB SW	TB SWITCH	0V
6	11			
7	4	TALK SW	TALK SW	0V
8	12			
9	5			
10	13			
11	6			
12	14			
13	7	+4.5V	+4.5V MIC POWER	+4.5V
14	15	TB MIC	TALKBACK MIC SIGNAL	
15	8	GND	MIC GND	0V

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。取付は# 4 - 4 0インチビスです。

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