

# CURRENT PRODUCTS model:CSP168

## DUAL MIC PREAMP

- 2ch microphone preamplifier
- Noise less ON/OFF control
- Remote control
- +20dB to +60dB continuation variable gain
- 48V phantom power built-in
- Most suitable for cough system
- 1 U half rack size

**CSP168 is the 2ch microphone preamplifier that ON/OFF control is possible with remote. With excellent S/N and high-quality sound, it provides transparent sound without the coloring. Moreover, at the time of the ON/OFF control, there is not a click noise at all.**

### "Control"

In each channel of CSP168, it implements a 48V phantom switch and mic gain trim, and the gain is consecutively adjustable possibility in the range of +20dB to +60dB.

### "Remote polarity"

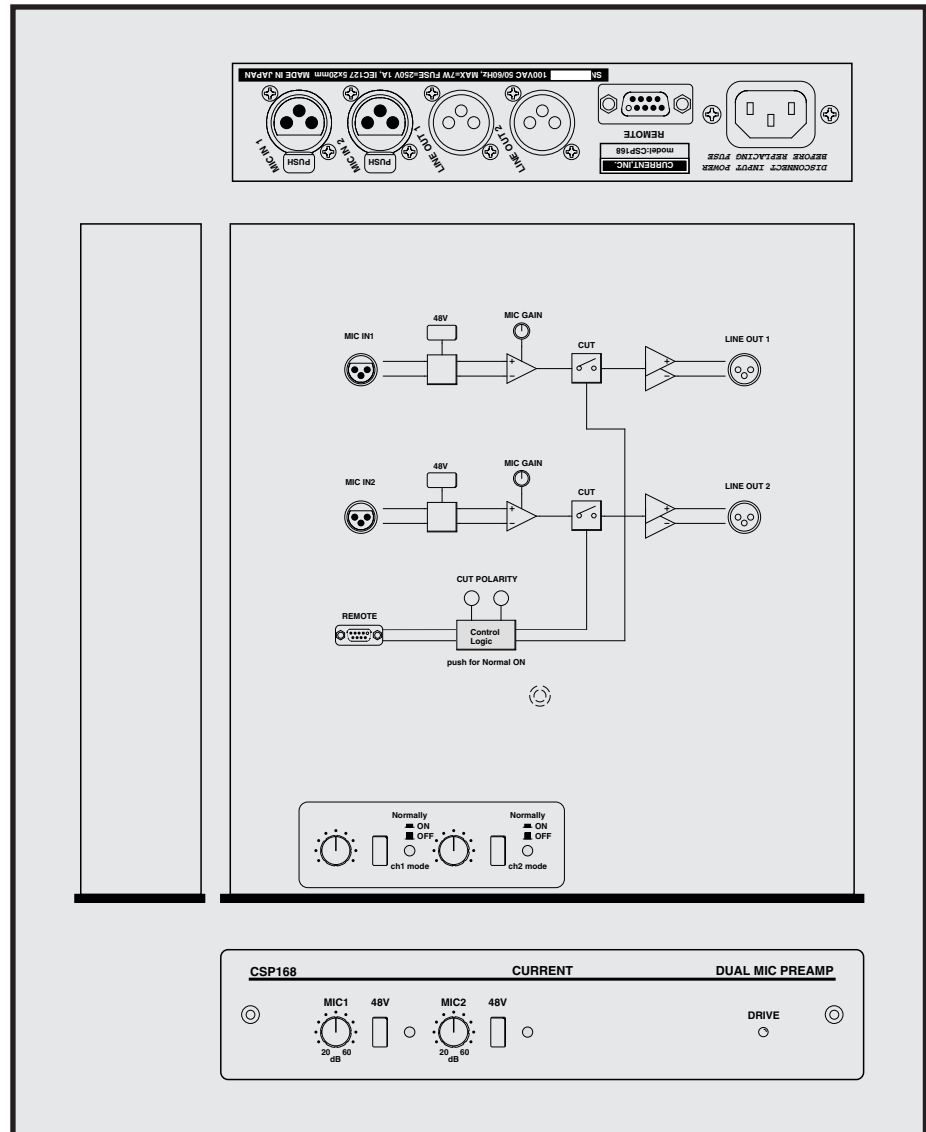
It can change the remote polarity by mode switch of the front panel, and ON or OFF can set normal state.

### "Installation"

CSP168 is 1 U half rack size. It can mount it on 19 inches rack by using mount kit RAD -50 made by Roland.

### "Others"

Please consider in FU305 with fader and 4ch specifications CSP169.



### SPECIFICATIONS

- PREAMP CHANNEL: 2 CHANNEL
- INPUTS CONNECTOR: XLR3-F
- OUTPUTS CONNECTOR: XLR3-M
- INPUT IMPEDANCE: 1.8kΩ
- OUTPUT IMPEDANCE: 50Ω
- MAX INPUT LEVEL: 0dBu (at 20dB gain)
- REF. OUTPUT LEVEL: +4dBu
- MAX OUTPUT LEVEL: +24dBu
- FREQUENCY RESPONSE: 10~100kHz ±0.1dB
- THD: < 0.002% at 1kHz, REF LEVEL (20-20kHz unweighted)
- E.I.N.: < -128dBu at 60dB gain (20-20kHz unweighted)
- CONTROL: 48V PHANTOM, MIC GAIN, REMOTE POLARITY
- DISPLAY: POWER LED
- REMOTE CONNECTOR: D9-F(#4-40)
- MAINS: 100VAC 50/60Hz, MAX 10W
- DIMENSIONS: 218Wx44Hx232.6D, 2kg

Dual preamp	CSP168	¥198,000
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  
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.

**ライン出力**  
出力インピーダンス50Ωのバランス出力です。マイク入力に-22dBuが入力されたときに+4dBuが出力されます。最大出力レベルは600Ω負荷で+24dBuです。

**LINE OUTPUTS**  
It is a balanced output with impedance of 50 Ω. +2 dBu is output when -22 dBu is input to the microphone input. The maximum output level is +24 dBu at 600 Ω load.

**マイク入力**  
入力インピーダンスは1.8kΩでバランス仕様です。最大入力レベルは-2dBuです。

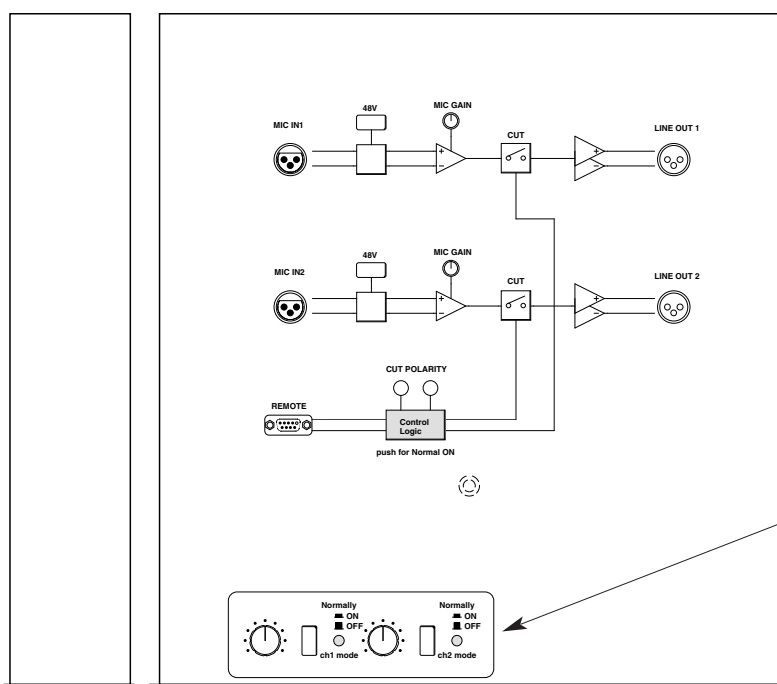
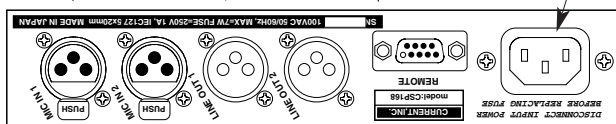
**MIC INPUTS**  
The input impedance is 1.8 kΩ and it is balance specification. The maximum input level is -2 dBu

**リモートコントロール**  
外部タリ-または接点により、プリアンプをON/OFFすることが出来ます。タリ-モードでの入力は+5V~+24Vまで対応します。Dsub固定ねじは#4-40です。

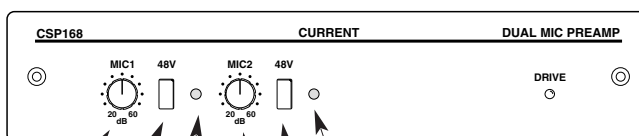
**REMOTE CONTROL**  
Preamplifier can be turned on / off by external tally or contact. Input in tally mode corresponds to +5V to +24V. Dsub fixing screw is # 4-40.

**電源**  
AC100V -5%/+10%で使用して下さい。交換ヒューズは内部にあり、250V / 500mAで5.2mm × 20mmタイプを使用して下さい。

**MAINS**  
Please use with AC100V -5%/+10%. Replacement fuse is inside, please use type of 5.2mm × 20 mm, 250 V / 500 mA



モード説明ラベル  
Mode instruction label



**CH1 MIC GAIN**  
+20dBから+60dBまで連続可変出来ます。

**CH1 MIC GAIN**  
Continuously variable from +20 dB to +60 dB

**CH1 48V**  
コンデンサマイク用の48Vファンタムパワーを供給します。

**CH1 48V**  
Supply 48 V phantom power for condenser microphone.

**CH1リモート極性切換**  
リモートコマンド与えられたときの動作を設定します。通常時に、スイッチを押していない場合にはOFFで、スイッチを押すとONになり、リモートコマンドによってその状態が反転します。

**CH1 REMOTE POLARITY**  
Sets the behavior when remote command is given. Normally, when the switch is not pressed, it is OFF, when the switch is pressed it will be ON and its state will be reversed by the remote command.

**CH2リモート極性切換**  
リモートコマンドが与えられたときの動作を反転します。出荷時にはリモートコマンドでONになりますがこのスイッチを押すと逆にOFFになります。

**CH2 REMOTE POLARITY**  
Sets the behavior when remote command is given. Normally, when the switch is not pressed, it is OFF, when the switch is pressed it will be ON and its state will be reversed by the remote command.

**CH2 48V**  
コンデンサマイク用の48Vファンタムパワーを供給します。

**CH2 48V**  
Supply 48 V phantom power for condenser microphone.

**CH2 MIC GAIN**  
+20dBから+60dBまで連続可変出来ます。

**CH2 MIC GAIN**  
Continuously variable from +20 dB to +60 dB

## CSP168 "REMOTE" CONNECTOR PIN LIST (D9-F #4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	FU1+	CONTROL INPUT 1 +	0V
2	6	FU1-	CONTROL INPUT 1 -	+5V
3	2	FU2+	CONTROL INPUT 2 +	L
4	7	FU2-	CONTROL INPUT 2 -	L
5	3	+15V	+15V SUPPLY (MAX=100mA)	L
6	8	+15V	+15V SUPPLY	L
7	4	0V	0V	L
8	9	0V	0V	L
9	5	-15V	-15V SUPPLY (MAX=100mA)	L

コントロール入力は5mAの定電流回路によるフォトカプラー入力で、+5VDCから+24VDCまで対応します。

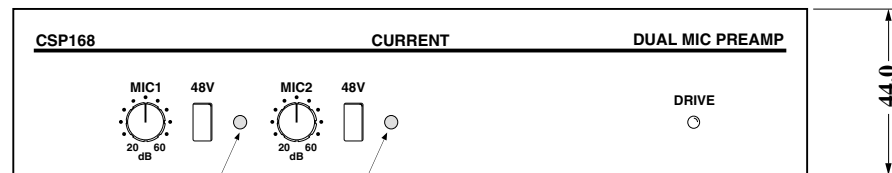
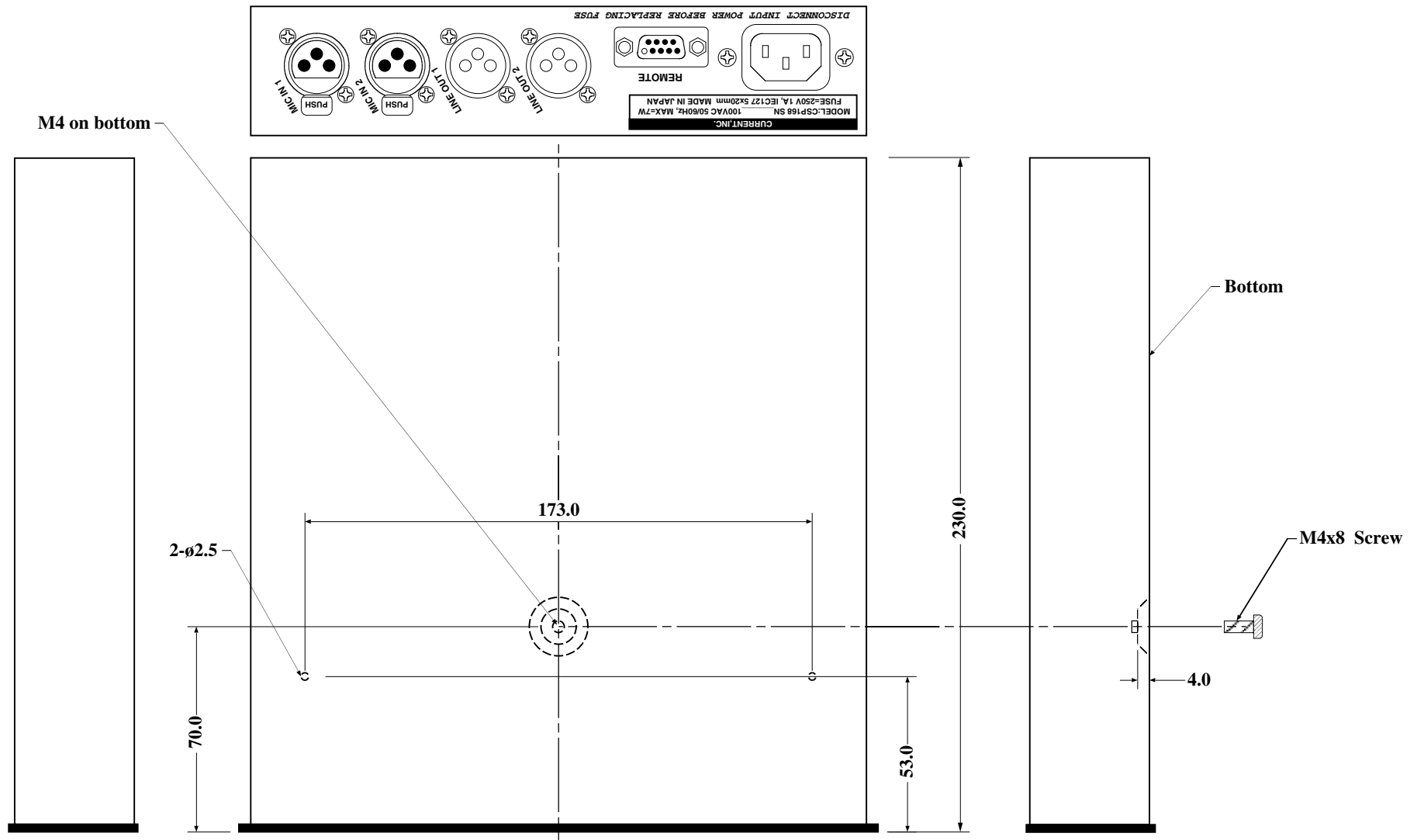
コマンド入力によってフロントパネルのモードスイッチの設定が反転します。

The control input is a photo coupler input with a constant current circuit of 5 mA, and it corresponds from +5VDC to +24VDC.

The setting of the mode switch of the front panel is reversed by command input.

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 toHard pin number Description.  
Mounting screw for D-connector use #4-40 size.**



210.0

push for normal on 1

push for normal on 2

(c)CURRENT, INC.	DUAL MIC PREAMP CSP168	Oct.2002
H.ICHIIHASHI	PANEL DIAGRAM	CSP168-MountHole