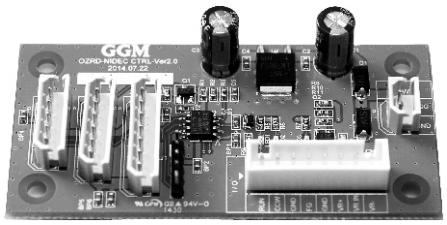
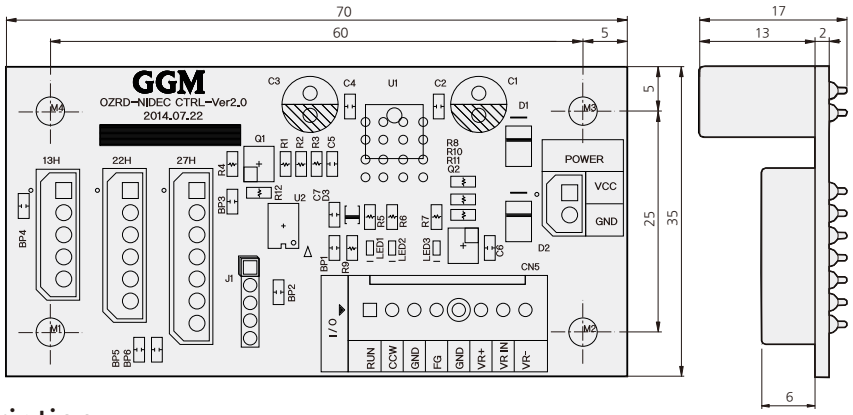
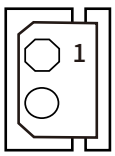
OZRD-NIDEC CTRL-Ver2.0





Configuration and Functional Description

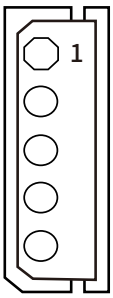
POWER



POWER INPUT

1	VCC (DC12V or 24V)
2	GND

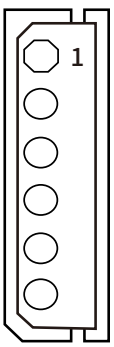
13H



2419(13H)

1	GND	BLACK
2	MOTOR VCC	RED
3	FG	YELLOW
4	FWM	WHITE
5	CW/CCW	ORANGE

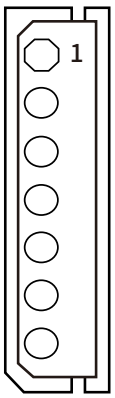
22H



3640(22H)

1	BRAKE	WHITE
2	PWM	BLUE
3	FG	YELLOW
4	CW/CCW	ORANGE
5	GND	BLACK
6	MOTOR VCC	RED

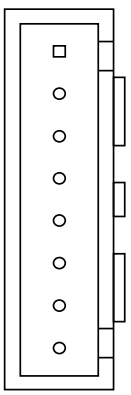
27H



4932(27H)

1	FG	YELLOW
2	5V	ORANGE
3	CW/CCW	GREEN
4	PWM	BLUE
5	ST/SP	WHITE
6	GND	BLACK
7	MOTOR VCC	RED

I/O



USER IN/OUT

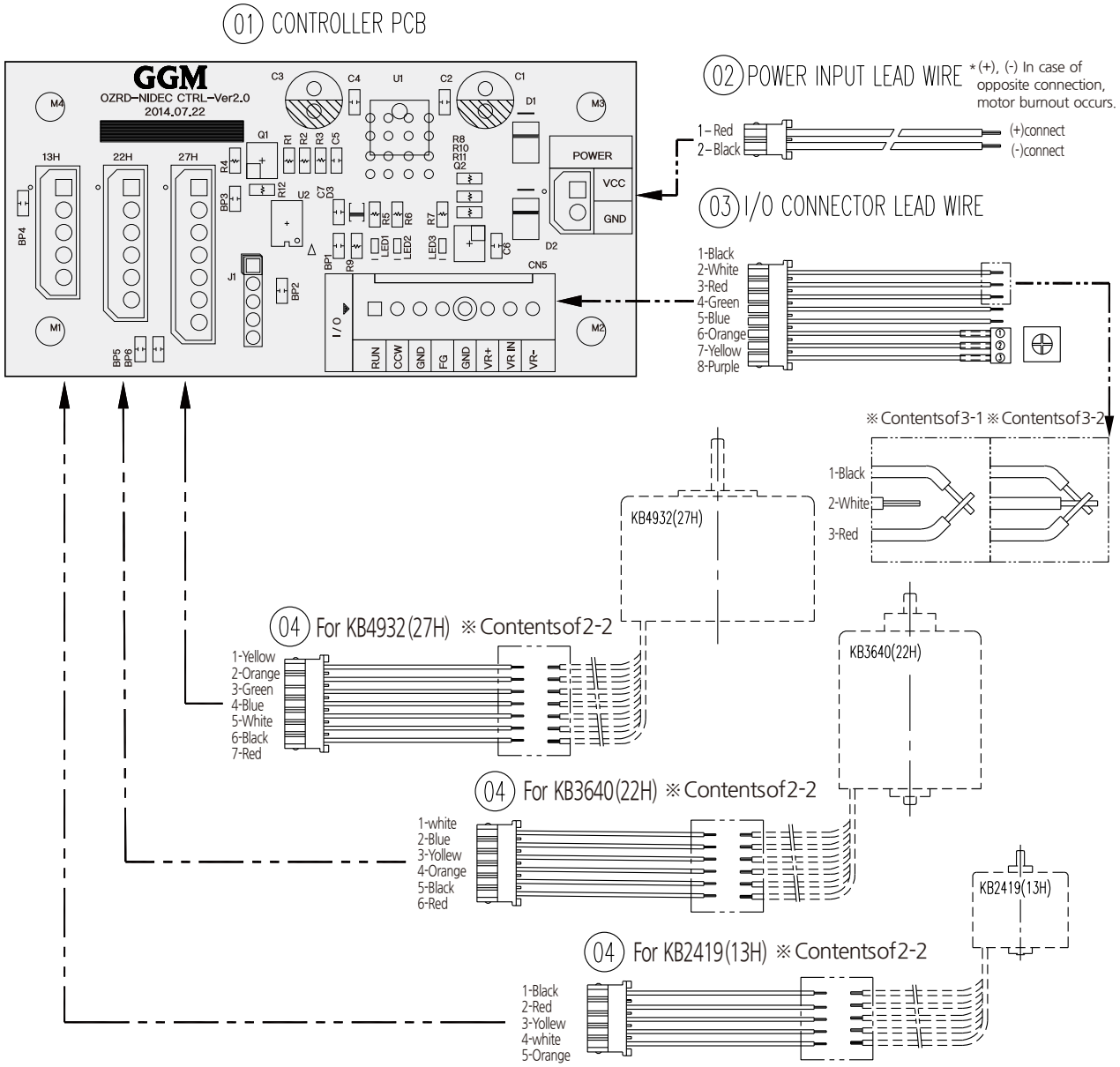
1	RUN	BLACK
2	CCW	WHITE
3	GND	RED
4	FG	GREEN
5	GND	BLUE
6	VR+	
7	VR IN	
8	VR-	

■ VR : Volume Resistance to adjust motor speed.
■ RUN : Switch for motor running(CW)
(Connecting input 1 and 3)
■ CCW : Switch for motor running (CCW)
(Connect input 1, 2, 3)
LED lamp ON dunng CCW

*Motor run CCW when connect input 1, 2, 3 sinultaneously
*Counter connector (female) of Power, 13H, 22H, 27H is Molex 5264-XX, terminal 5263PBT.
*Yeonho Electronics YMH025-XXR available, Counter connector (female) of I/O is Yeonho Electronics SMH 250-08, Terminal YST250.

※ The volume resistive capacity is 5KΩ.
※ be sure to connect with red (+) black (-).
If connected in reverse, the motor will be damaged.

Connection and use of GUN CONTROLLER



※ Precautions ※

1-1. When applying power, be sure to apply (+) power to red and (-) power to black. (Motor burnout occurs when connected in reverse)

※ Connection method ※

2-1. Connect CONNECTOR(02 ,03 ,04) to CONTROLLER PCB(01) according to the picture.

2-2. Connect the stripped part according to the color of the lead wire of the motor and the lead wire of the connector (04) inserted in the controller.

※ How to use I/O CONNECTOR(01) ※

3-1. RUN: After connecting Nos. 1 and 3 to each other, the motor is driven (CCW rotation) when power is applied.

3-2. Direction of rotation: After connecting No. 2 and No. 1 and No. 3 wires, the motor output shaft rotates CW when power is applied.

3-3. Speed control: Adjust the speed by adjusting VOLUME.