● Features

✧ Maximum 16 zones fire signals

✧ 1 fire input and 1 fault input

   indication

✧ Wall mounted and easily installed

● Description

VG-6763 Conventional Fire Repeater, is designed to connect directly with VG-6831 Conventional Fire Alarm Panel. Installed in each floor or other certain place, VG-6763 is used to indicate the fire or fault status from VG-6831 conventional panel in a remote location. VG-6763 is a convenient unit with LED indicators and warning buzzer, same as indications on conventional panel.

● Specification

Operating voltage:	DC24V
Operating current:	Standby current: 6mA
	Action current: 200mA
Terminal	16-route fire alarm zonal signal input
	1-route common fire alarm signal input
	1-route common fault signal input
	24VDC power input
Temperature:	0℃~40℃
Relative humidity	≤95%，non-condensing

Indication and key

Power LED	Green LED. It constantly lit when power on.
FIRE LED	Red LED. It illuminates when fire alarm occurs.
FAULT LED	Yellow LED. It illuminates when in the condition of fault.
Zone 1~Zone16 LED	Red LED. lit if there are fire alarms in corresponding zones. The flashing of an LED indicates the latest fire alarm in the corresponding zone.
MUTE	Press MUTE key to silence the warning buzzer of alarm or fault.
TEST	Press TEST button to test the function of LED indicator and warning buzzer. When there is a fire alarm or a fault signal, the self-test will automatically exit.

● **Installation**
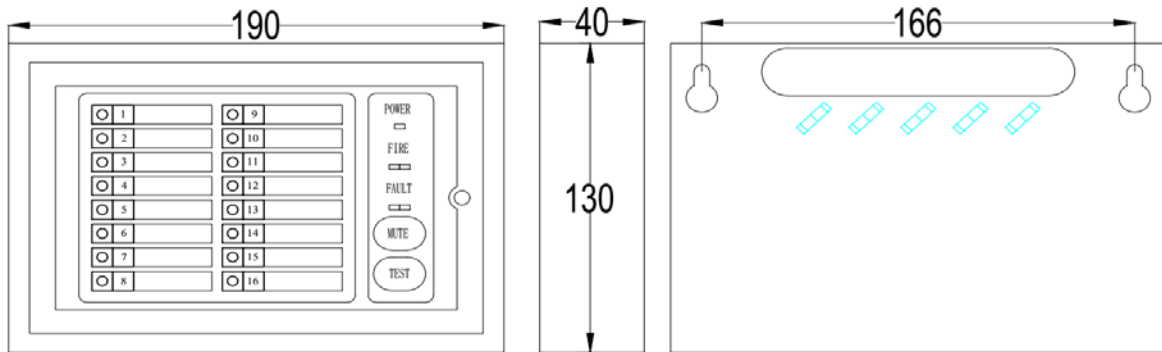
✧ Dimensions：Showing on Fig.1

Fig.1

✧ Mounting

Drill two φ5 holes on the wall as shown in Fig. 1, push two φ5 plastic expansion sleeves into the holes, then fix the back of VG-6763 with expansion bolts and connect wires.

✧ Wiring

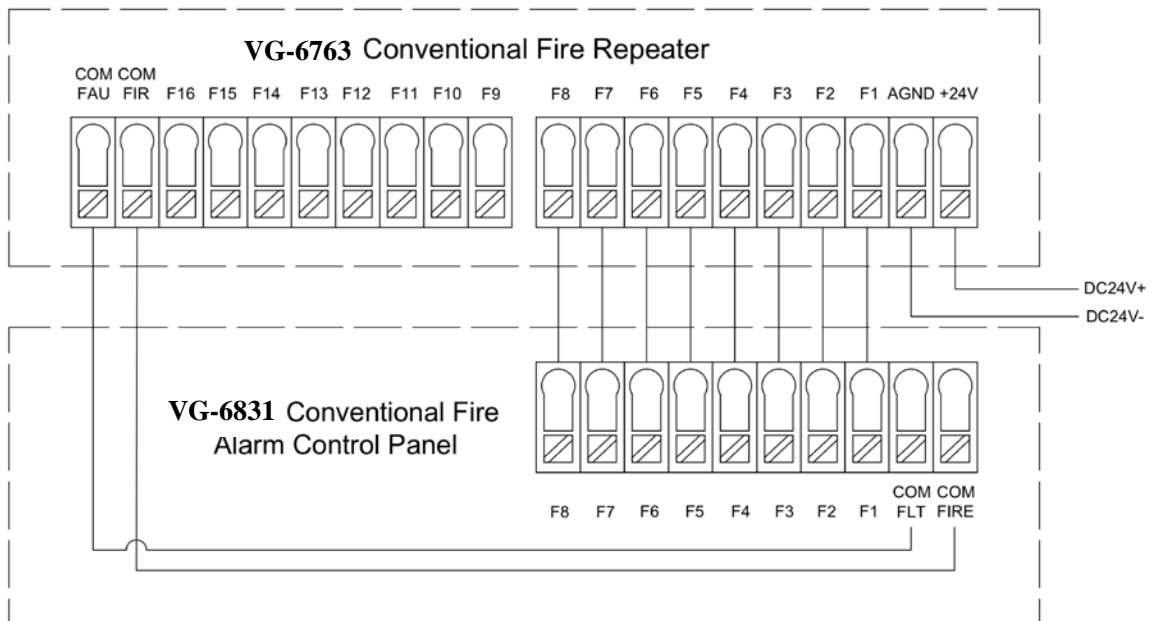The terminal connection is shown in Fig.2

Fig.2

+24V & AGND: Connect with DC24V power supply, please make sure that the connection is properly and firmly.

F1~F16：Connect with zonal indication terminals Z1~Z16 of REPEATER OUTPUT of VG-6831 Conventional Fire Alarm Control Panel.

COM FIRE：Connect with fault terminal COM FIRE of REPEATER OUTPUT of VG-6831 Conventional Fire Alarm Control Panel.

COM FLT：Connect with fault terminal COM FLT of REPEATER OUTPUT of VG-6831 Conventional

Fire Alarm Control Panel.

Wiring Requirement: RVS-2*1.0 mm^2 or1.5 mm^2 wire, laid through metal tube (cable sink) or PVC tube.

● Commission

VG-6763 conventional fire repeater is able to do Self-Test after power-on so as to lit all LED indicators and trigger the alarm buzzer. After self-test, Power ON LED is lit, other LEDs are off, and the buzzer doesn't sound.

● Operation

1. Fire Alarm indication: After receiving the fire signal, the conventional fire repeater generated fire alarm status to light up the general indicator of fire alarm and the LED indicator of corresponding zone at the same time. The zonal fire alarm indicator in the area where the latest fire alarm occurred flashes, with a flashing frequency of once every 2 seconds, while the fire alarm indicator in the area where the first fire alarm occurred is always on.

3. When a common fault occurred, the "FAULT" indicator is on, and the yellow indicator goes off after the common fault is cleared.

4. Voice prompt: when there is a fire alarm or fault signal, fire alarm or fault sound is made. The fire alarm has the priority. The sound of the fire alarm was a rapid beep sound, and the duty cycle is 1:1; the sound of the fault alarm is a slow beep…. beep sound, and the duty cycle is 1:5.

5. "MUTE" button: when there is a sound of fire alarm or fault alarm, press this button to mute. The sound will be made again when there is a fire alarm or a fault signal again.

6. "TEST" button: Press this button to automatically test the indicator and sound. When there is a fire alarm or a fault signal, the self-test automatically exits.

Limited Warranty

Warrants that the product will be free of charge for repairing or replacing from defects in design, materials and workmanship during the warranty period. This warranty doesn't cover any product that is found to have been improperly installed or used in any way not in accordance with the instructions supplied with the product. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty. Please contact your local distributor for products not covered by this warranty.

Company: V-GREAT GLOBAL CORPORATION

Add.: Second Floor, Capital City, Independence Avenue,

P.O. Box 1008, Victoria, Mahe, Seychelles

Web：http://www.vgreatglobal.com   Email: tech@vgreatglobal.com