

YEEZOU 201 Combustible Gas Detectors Manual

※ Before use of the product, please read the instruction manual carefully.

General Instructions

Yeezou 201 combustible gas detector (hereinafter referred to as the detector) has a high-quality metal oxide semiconductors gas sensor with excellent performance, used for detecting the leakage of combustible gases in the places of household, factories, hotels, apartments, etc.

The detector is stable, has a long-life span and is easy to use. The hand-held design allows you to operate easily and the visual and audible alarm can detect the gas leakage resource precisely. The adjustable ticking rate helps to decrease the polluted gas density in the air. Also, the detector has the following features:

- High sensitivity
- Quickly find the source of leakage
- Indicating the leakage via alarming bulb
- High precision sensor able to detect slight gas leakage
- Quick response

Important Notes

To avoid damaging the sensor's molecule membrane from over-pressure, never use test tools with very high pressure (such as a gas lighter or gas burner) to do a test. We suggest turning on and then off a lighter to leave gas in the air, then moving the detector probe to the gas area.

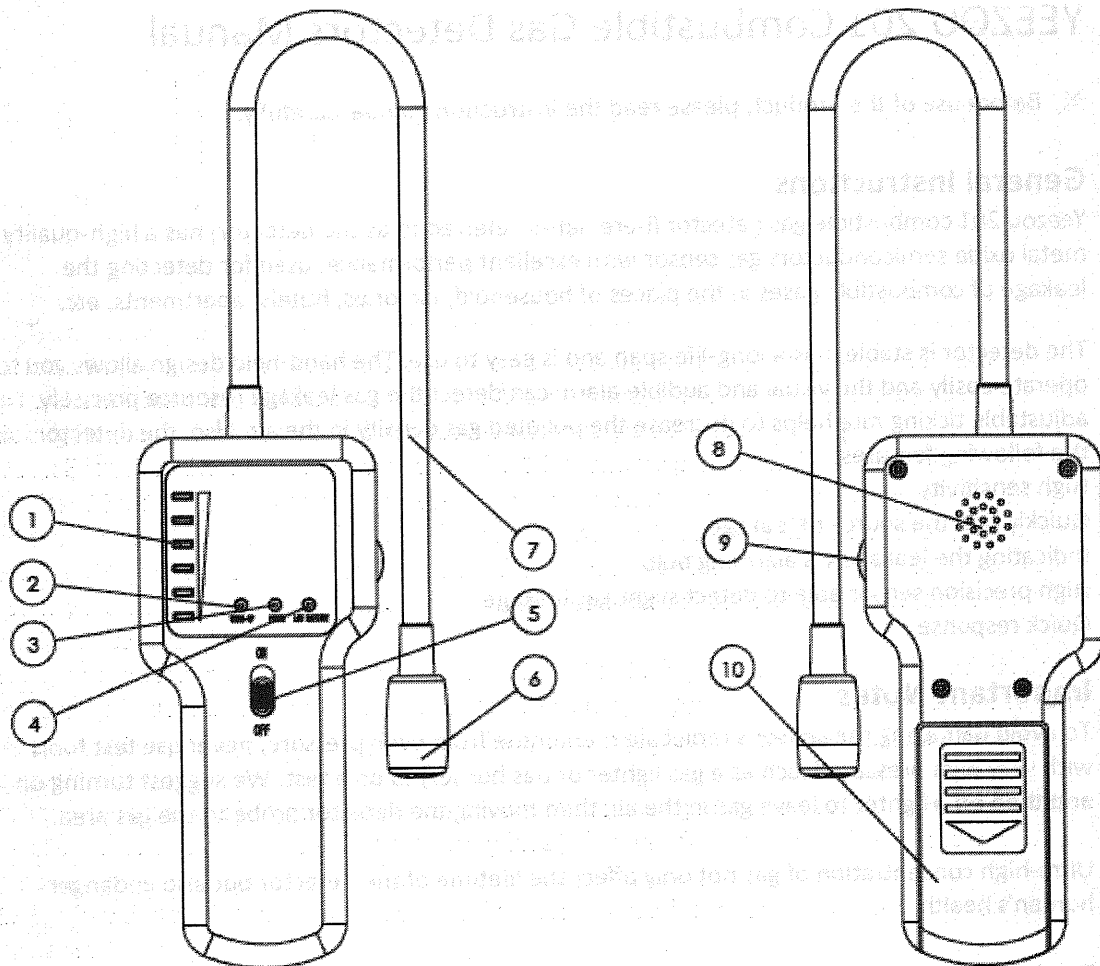
Ultra-high concentration of gas not only affect the lifetime of the detector but also endanger human's health.

Technical Specifications

1. Resolution: 50ppm
2. Alarm range: 10%~40% LEL
3. Operating temperature: 0~55 °C
4. Relative humidity: ≤95%, no condensation
5. Warm up time: around 10s
6. Response time: ≤2s (10% LEL, Lower Explosion Limited)
7. Gas indication: Visual: 6 red LEDs, Audible: variable speed ticking
8. Power: 3*1.5V AAA battery
9. Battery life: approximately 20 hours of continuous operation under normal usage conditions.
10. Weight: 8.9 oz (240g) (without batteries)
11. Size: 18.5"x 2.76"x1.38" (47.0cmx7.0cmx3.5cm), housing material: plastic

Product Layout

1. Gas level indicators
2. Warm-up indicator (yellow)
3. Power indicator (green)
4. Low battery indicator (red)
5. On/OFF Power switch
6. Sensor tip and built-in sensor
7. Goose neck 12" (30cm)
8. Speaker
9. Beep sound adjustment (Hereinafter referred to as knob)
10. Battery cover



Operation

1. Warm-up before use, in a location with clean/fresh air. Switch the ON/OFF to power on the detector, the yellow Warm-up Indicator will be on, it will turn off after approximately 10s. The green Power indicator will be constantly on. At same time, there is slow ticking sounds, the ticking frequency is about 2 times per second without gas detected.

Note: Each time the detector is turned on, the 10s warm up process will repeat.

2. After 10s, the yellow Warm-up Indicator is off, the detector is ready for use. Use the knob to adjust the sensitivity to **critical status**: the bottom 1st Gas Level Indicator is close to light up, and the high frequency ticking just starts to sound. If the knob is already rotated counter-clockwise too far, the alarm will sound once the warm-up process is complete. In this case, rotate the knob clockwise to critical status.

3. Trace the sensor around the source of the suspected leakage. The detector will produce an increasing frequency ticking tone when sensitivity changes from low to high, and decreased tone when sensitivity changes from high to low. Also, the six gas level indicators will be changed correspondingly.

4. You can rotate the knob clockwise to slow down the ticking rate and turn off corresponding gas level indicators to reset to a lower sensitivity level, allowing the location of the leak to be easily pinpointed.

5. Red low battery indicator will be on if only around 2 hours of operation time is left, replace batteries.

Combustible Gas

The following is a partial list of detectable gases: Natural gas, CO, Propane, Gasoline, Butane, Spraying Fuel, Methane, Ethanol, Industrial solvent, Ammonia, Naphtha.

The device can be used in oil production, smelting, chemical, sewage treatment, coal gas, mining, tunnel construction, storage, brewing, pharmaceutical and other industries that need gas leakage detecting.

Maintenance and Storage

1. Because the detector doesn't require periodic calibration, very little maintenance and repair is required to maintain the detector in working condition.

If the device has not been used for long time, such as 3~4 months, we recommend to replace with new batteries and turn it on and let it warm up for several minutes in normal air.

2. Wipe the detector only with a damp cloth as needed. Don't apply abrasive, solvents or other cleaners to the surface of the detector or sensors.

3. The detector is not water-proof, do not contact the sensor with water.

4. This product can't be stored or used in the environments below:

a. Humid or dusty environment

b. High density of salt or sulfur

c. High temperature or humidity or strong direct sunlight.

5. Turn the detector off when not in use. Remove batteries before long-term storage.

Warranty

Visit our website and register your purchase information to apply for two years warranty at the time of delivery of the product. Yeezou's liability and buyer's remedy under this warranty are limited to the repair or replacement.

Our Company does not undertake any responsibility for the warranty when any of the following circumstances occur:

1. Failure to use the product not in accordance with the requirements of this specification;

2. Damage due to excessive power voltage or opening the housing without permission;

3. Damage due to usage under water, strong external force or in any environment that does not conform with the above specifications;

4. Any other damage caused by improper usage.

Thanks very much for choosing our products and service. If have any unpleasant experience, don't hesitate to contact us and we will try best to resolve before poor reviews. Best Wishes.

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