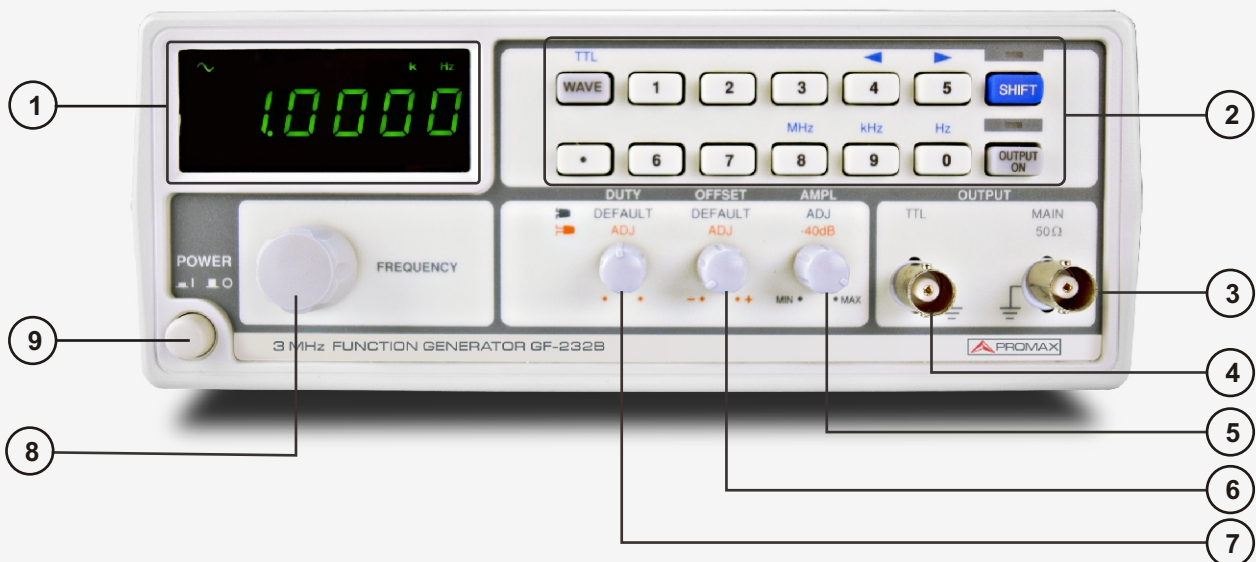


## FRONT PANEL



### 1 Main Display

- 7 segment LED:** Shows frequency.
- TTL indicator:** Indicates that the TTL output is enabled.
- Waveform indicator:** Indicates the waveform shape: Sine, Square and Triangle.
- M k Hz Frequency indicator:** Indicates the output frequency: MHz, kHz or Hz.

### 2 Entry keys

- Waveform key:** Select the waveform: sine, square and triangle.
- TTL activation:** Activates TTL output.
- Numerical keys:** Specifies frequency.
- Frequency unit selection:** Specifies the frequency unit: MHz, kHz or Hz.
- Cursor selection:** Moves the cursor (frequency editing point) left or right.
- SHIFT key:** Selects the 2<sup>nd</sup> function associated to the entry keys. The LED lights when Shift is activated.
- Output On/Off key:** Turns the output On/Off. The LED lights when the output is On.

- ③ **Main output:** Outputs sine, square and triangle waveform. BNC, 50  $\Omega$  output impedance.
- ④ **TTL output:** Outputs TTL output waveform, BNC terminal.
- ⑤ **Amplitude control:** Sets the sine / square / triangle waveform amplitude. Turn left (decrease) or right (increase). When pulled out, attenuates the sine / square / triangle waveform amplitude by -40 dB.
- ⑥ **DC Offset control:** When pulled out, sets the DC offset level for sine / square / triangle waveform. Turn left (decrease) or right (increase). The range is -5V ~ +5V, in 50  $\Omega$  load.
- ⑦ **Duty cycle control:** When it is pulled out, it sets the square or TTL wave duty cycle. For TTL waveforms, turn left (decrease) or right (increase). For square waveforms (main output channel) turn left (increase) or right (decrease). The range is 25% ~ 75 %.
- ⑧ **Frequency editing knob:** Increases (right turn) or decreases (left turn) the frequency.
- ⑨ **Power switch:** Turns the main power On/Off.

## REAR VIEW



- ⑩ **AC Rating Information:** AC line voltage: 100, 120, 220 or 240 V (factory installed setting). The label shows the applicable rating.
- ⑪ **Ground Terminal:** The safety ground terminal. Use this terminal for common ground connection.
- ⑫ **AC Power Input:** Accepts the AC power cord. 100, 120, 220 or 240 V,  $\pm 10\%$ , 50/60 Hz.

