# **Digital Multimeter** NF-625



User Manual

# **Description of Keys and Interface**



NF-625

## **Functional Description**

### 1.On/Off

On/Off: Long press " () " to power on/off.

#### 2. Automatic measurement

Measure the DC/AC voltage, resistance and on/off in the auto mode.

- 1) After powering on, the system switches to the "AUTO" measurement mode automatically.
- 2 Connect the black probe and red probe with the COM input jack and INPUT jack.
- 3 Test the voltage, resistance and short-circuit point of the tested circuit at the both ends. (Connected with the tested circuit in parallel)
- (4) The display displays the measured voltage and resistance. When measuring the DC voltage, the display displays the voltage polarity of the red probe. When the measured resistance is less than 500, the buzzer will send an alarm tone.
- (5) When measuring low resistance, to ensure the accurate measurement, keep the two probes short-circuited first, read the short-circuit resistance and reduce the resistance after measurement.
- 6 When measuring high resistance with the 10M gear, the reading would become stable after several seconds.

### 3. Live wire measurement

Short press " LIVE ", the screen displays LIVE; connect the red probe with the INPUT jack, insert the red probe tip into the power socket; when a live wire is detected, a signal bar alarm; short press " [LIVE] " again to exit the live wire measurement mode.

#### 4.DC/AC voltage measurement

In the "AUTO" measurement mode, short press " to start the DCV measurement mode; Short press again to start the ACV measurement mode.

#### 5.Diode/on-off measurement

In the ACV measurement mode, short press " | SEL | " to start the diode/on-off measurement mode.

## 6. Capacitance measurement

In the diode/on-off measurement mode, short press " [SEL] " to start the capacitance measurement mode.

#### Notice:

- ① When measuring large capacitance, the reading needs some time to keep stable.
- 2 When measuring polar capacitance, pay attention to the polarity and avoid damaging the instrument.

### 7.Frequency measurement

In the capacitance measurement mode, short press "  $\fbox{\ \ }$  " to start the frequency measurement mode.

## 8. Temperature measurement

In the frequency measurement mode, short press " SEL " to start the temperature measurement mode (default to °C) Short press " SEL " again to switch to Fahrenheit (F).

Short press "  $_{\tiny{\scriptsize{\footnotesize{\footnotesize{\footnotesize{SEL}}}}}}$  " again to switch to "AUTO" measurement mode.

#### Notice:

If there is inductive impedance in the wire, the test value may fluctuate or not accurate; just conduct Off test to obtain the correct test data.

#### 9.NCV

Short press " NCV " key to start the NCV test mode, keep the instrument top close to the conductor; if AC voltage is detected, the instrument may display different signal bars according to the signal intensity:

- ① When sensing low voltage, the screen signal will display " !!!! ".
- ② When sensing high voltage, the screen signal will

## 10. Functions of lamp

Short press " " to turn on the lamp, short press " again to turn it off.

### 11.Charging function

During charging, the red indicator is normally on; when fully charged, the green indicator will be normally on.

## Packing List

Digital Multimeter	1 pc	Color box	1 pc
Toolkit	1 pc	Test probe	1 pc
User Manual	1 pc	Type-C USB cable	1 pc
Qualification certificate	1 pc	Precautions card of lithium battery	1 pc

Remarks: The manual is for reference only and may be changed without prior notice. Goods in kind prevail.

## **Product Parameters**

Product model	NF-625				
Display screen	LCD				
Automatic measurement	AC/DC voltage, resistance and on/off				
DCV	10mV~750V				
ACV	0.1 V~750V				
Resistance	1Ω~60ΜΩ				
Capacitance	0.1nF~60mF				
Diode/on-off measurement	√				
Frequency measurement	10Hz-10MHz				
Temperature display	°C/°F				
Null line/live wire test	√				
NCV	√				
HOLD number locking	√				
Buzzer alarm	√				
Lamp	√				
Backlight	√				
Auto OFF	Auto Off if there is no operation within 15 min				
Power supply	3.7V/1000mA				
Product size	136.5×71×21mm				

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