# HJJDS6031

[Parameter description: 2](#_Toc21389)

[Appearance 3](#_Toc2486)

[Introduction to Interface Display 4](#_Toc19013)

[Key 5](#_Toc13289)

[Operation introduction 6](#_Toc25088)

[Press down CH: 6](#_Toc6708)

[Press down PARM: 7](#_Toc1011)

[Press down TRIG: 7](#_Toc10580)

[First press down HORI: 8](#_Toc1090)

[Second press down HORI: 8](#_Toc31095)

[First press down MENU: 9](#_Toc4681)

[Second press down MENU: 9](#_Toc32561)

[Third press down MENU: 10](#_Toc28750)

[Fourth press down MENU: 11](#_Toc7082)

[Fifth press down MENU: 11](#_Toc27369)

# Parameter description:

Channel: 1

Bandwidth: 30MHz

real-time sampling rate 200MSa/s

The storage depth 2Kpts

Input coupling AC、DC

Input impedance 1MΩ 25pF

The maximum input voltage 40V (probe X1); 400V (probe X10) can be measured 220V

voltage; (probe X100) 2000V voltage can be measured

Probe attenuation 1X、10X

Set the probe attenuation factor 1X、10X、100X

Sampling Method Real-time sampling(10ns-50ms)/Scan sampling(100ms-5s)

Vertical Sensitivity 10mV-5V (Probe 1X) 100mV-50V (probe 10X) (1,2.5,5 step)

Vertical accuracy +/-3%

Vertical resolution 8bit

Horizontal scan range 10nS/div-5S/div(1,2.5,5 step)

Trigger Mode Auto, Normal and Single

Trigger Type Rising edge trigger, falling edge trigger

Automatic detection Support (50Hz-40MHz)

Cursor measurements Support time and voltage cursors

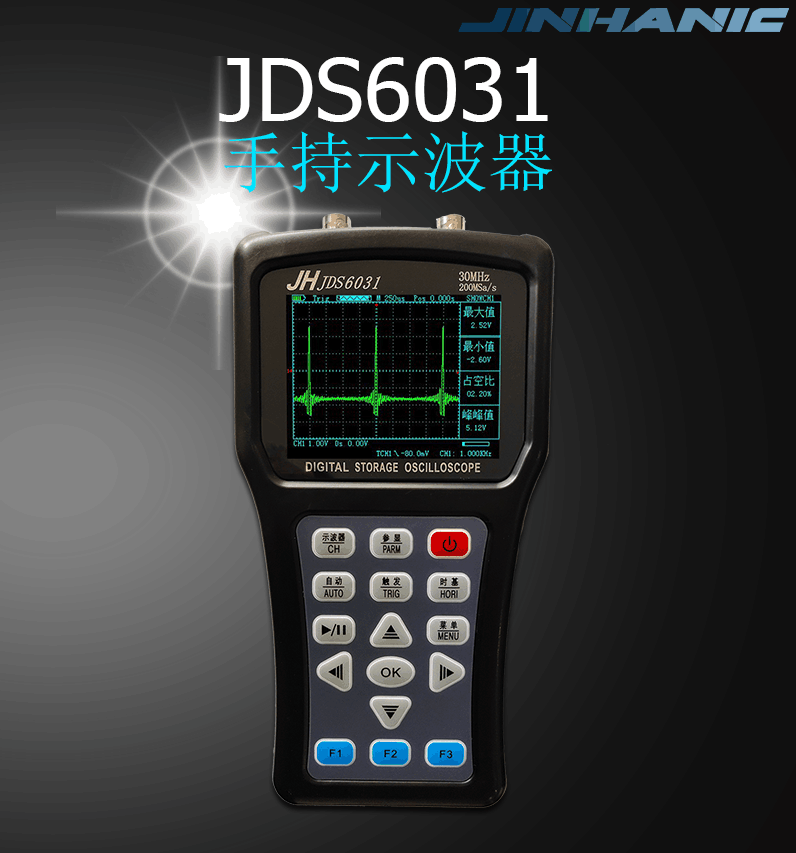
Screen 3.2-inch, 16-bit true color, TFT, 320 \* 240

Battery 2800 + mA lithium battery (single cell about four Six of

continuous work)

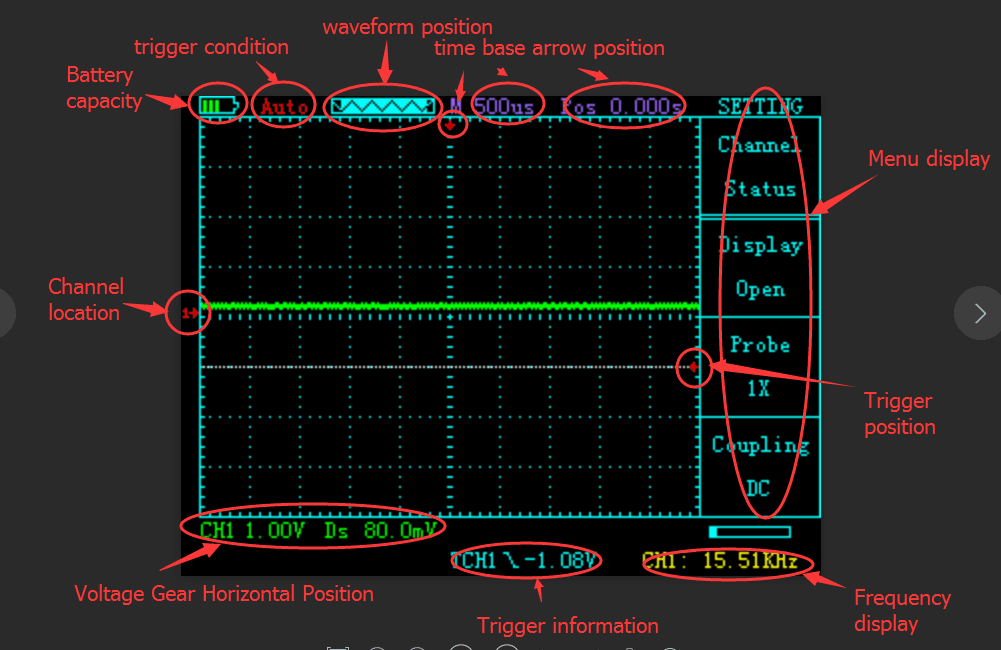
Size 195 \* 99\* 39(mm)

# Appearance





# Introduction to Interface Display



# Key

Main buttons as follows

CH Access Channel Control

PARM Display parameters

Power Turn on and off

AUTO Automatic retrieval of waveforms

TRIG Trigger control

HORI Time-based correlation control

STOP/RUN Stop start waveform display

MENU Control menu

OK Under the corresponding menu Function key

↑ Under the corresponding menu Function key

↓ Under the corresponding menu Function key

← Under the corresponding menu Function key

→ Under the corresponding menu Function key

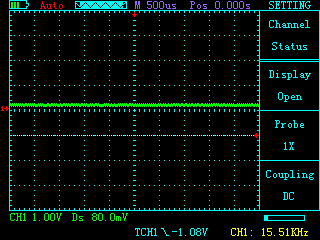
F1 Under the corresponding menu Function key

F2 Under the corresponding menu Function key

F3 Under the corresponding menu Function key

# Operation introduction

Press down CH:



Function key description

↑ Voltage shift control

↓ Voltage shift control

← Waveform Horizontal Position Control

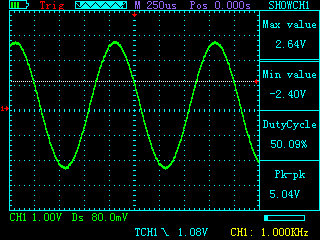
→ Waveform Horizontal Position Control

F1 Open Closed Channel Display

F2 probe x1,x10,x100

F3 AC and DC

Press down PARM:



Function key description

↑ Voltage shift control

↓ Voltage shift control

← Waveform Horizontal Position Control

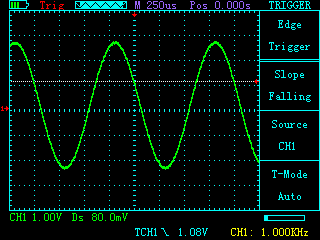
→ Waveform Horizontal Position Control

F1 Open Closed Channel Display

F2 probe x1,x10,x100

F3 AC and DC

Press down TRIG:



Function key description

↑ Trigger position shift

↓ Trigger position shift

← Trigger position shift

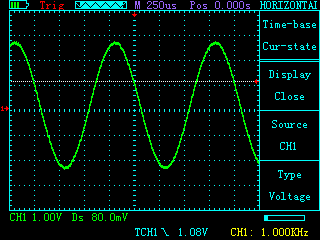
→ Trigger position shift

F1 Rising edge and falling edge trigger

F2 invalid

F3 Select trigger type automatically normal single

First press down HORI:



Function key description

↑ Changing time base

↓ Changing time base

← Change the position of the time base arrow

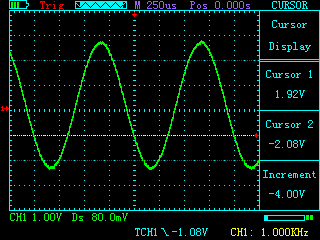
→ Change the position of the time base arrow

F1 Open and close measuring scale

F2 The object of scale measurement

F3 Type Voltage Time Measured by Scale

Second press down HORI:



Function key description

↑ Position of scale 2 of the table

↓ Position of scale 2 of the table

← Position of scale 1 of the table

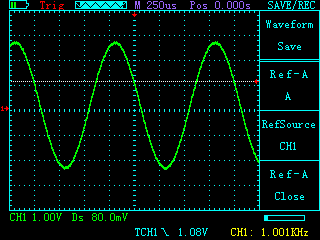
→ Position of scale 1 of the table

F1 invalid

F2 invalid

F3 invalid

First press down MENU:



Function key description

↑ invalid

↓ invalid

← invalid

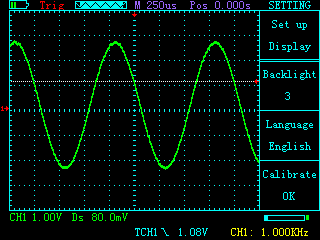
→ invalid

F1 Label of stored waveform A or B

F2 Source of stored waveform

F3 Whether to display stored waveforms

Second press down MENU:



Function key description

↑ invalid

↓ invalid

← invalid

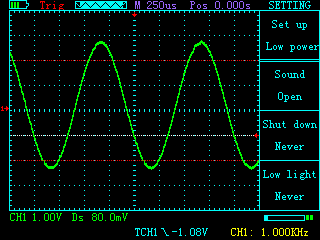
→ invalid

F1 Change the brightness level of backlight

F2 Language Selection of Interfaces

F3 Auto-calibration

Third press down MENU:



Function key description

↑ invalid

↓ invalid

← invalid

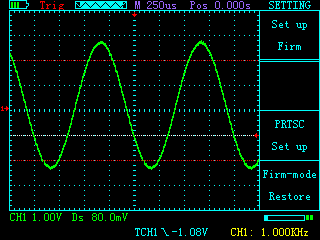
→ invalid

F1 Turn on and off button sound

F2 Turn on and off automatic shutdown

F3 Turn on and off automatic power saving

Fourth press down MENU:



Function key description

↑ invalid

↓ invalid

← invalid

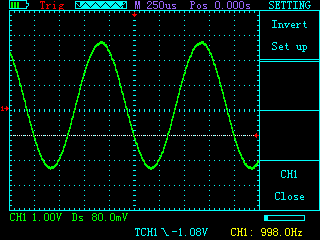
→ invalid

F1 invalid

F2 Setting up screenshots

F3 Factory Default

Fifth press down MENU:



Function key description

↑ invalid

↓ invalid

← invalid

→ invalid

F1 invalid

F2 invalid

F3 Turn on the inversion of the closed waveform

OK Explain:

Used for screenshots when screenshots are turned on

Used to store waveforms when screenshots are turned off