

Plotting Modes

Y-T MODE

Scroll to adjust CH1 vertical position (1)

Scroll to adjust CH2 vertical position (2)

Scroll to adjust Trigger level (3)

Vertical Position (VPos) indicator

HOLD state indicator

Horizontal Position (HPos) indicator

Power Supply / Battery Indicators

Test signal level (Holding down F1 to toggle between 3.3V and 0.14V)

Trigger level

CH1 signal (yellow)

CH2 signal (orange)

2V DC

2V DC

0.2ms

AUTO

1

1

CH1 settings

- Sensitivity
- Couple
- VPos

CH2 settings

- Sensitivity
- Couple
- VPos

Timebase

Trigger level

Trigger source

Trigger slope

Trigger mode

Trigger settings

- F1** Previous parameter
 - F1** Holding - toggle test signal amplitude between 0.14V/3.3V
 - F2** Next parameter
 - F2** Holding - center horizontal position
 - F3** Next sub-menu parameter
 - F3** Holding - center trigger level
 - F4** Hold/release functionality
 - F4** Holding - erase traces
- Adjust selected parameter
- Main menu
- To adjust the Horizontal Position (HPos), either highlight the HPos Indicator and use the Adj. Dial to change the Horizontal Position, or scroll horizontally on the screen until desired position.

Y-X MODE

YPos indicator

HOLD state indicator

Power Supply / Battery Indicators

Y settings

- Sensitivity
- Couple
- YPos

X settings

- Sensitivity
- Couple
- XPos

Sampling rate(sample/s)

Trigger mode

Trigger level

Trigger source

Trigger slope

Trigger settings

1

2

1V DC

0.2V DC

5K

Tr

AUTO

1

1

1

1

Signal A frequency

Signal A phase

Signal B frequency

Signal B phase

500.000kHz

0.0

1.000kHz

45.0

- F1** Previous parameter
 - F2** Next parameter
 - F3** Next sub-menu parameter
 - F4** Hold/release functionality
- Adjust selected parameter
- Main menu
- To adjust the Trigger levels when trigger sources are CH2 (X) or CH1 (Y), scroll to adjust the X-axis or Y-axis positions, respectively.

Signal Generator Mode

HOLD state indicator

Horizontal Position (HPos) indicator

Power Supply / Battery Indicators

Test signal level (Holding down F1 to toggle between 3.3V and 0.14V)

Trigger level

CH1 signal (yellow)

CH2 signal (orange)

2V DC

2V DC

0.2ms

AUTO

1

1

SIGNAL PARAMETERS

Freq Frequency/cycle

Vpk Amplitude (peak value)

Ofs Offset

Duty Waveform Duty Cycle

Phase Phase in Degrees

WF Choose Waveform

SIG A

1.000kHz

2.00V

0.0V

SIG B

6.0%

-90.0

Stair

- F1** Previous parameter
 - F2** Next parameter
 - F3** Next sub-menu parameter (when in Plotting Parameters section)
 - F3** Next signal channel parameters (when in Signal Parameter section)
 - F4** Hold/release functionality
- Adjust selected parameter
- Main menu
- When Signal Parameter is selected, HOLD **F4** + **1** for entering Manual Step Size Entry Mode

MANUAL ENTRY OPERATIONS (Example shown is for Frequency)

Delete / Backspace

Value entered

120.5

Toggle Frequency / Cycle state

Select unit to confirm entry

Exit digital pad

Touch Screen Calibration

- Press the Dial to power up the unit, followed by "F3" when the WAVE2 splash screen appears.
- During the calibration process, three white crosses will be displayed sequentially. Touch the center of each cross 8 times to calibrate the screen.
- Once the calibration process is complete, a green cross will appear on the screen and it will follow any subsequent touches on the screen to test the calibration results.
- Press the Dial to exit the calibration state and reboot the WAVE2 oscilloscope.

Uart-USB Converter

The PCB 109-15800-00M has built-in Uart-USB converter (CH340N). The Driver for this converter is available on the Support > Drivers and Tools page on jytech.com.