

QUICK START GUIDE (REV. 2)

WAVE2 OSCILLOSCOPE

Basic Operations

CONTROL

To Power ON Press the Adjustment Dial.

To Power OFF Press and Hold the Adj. Dial for 2 seconds, or press the Adj. Dial to bring up Menu and select "PWR OFF".

BATTERY SWITCH

When battery is installed, set the battery switch to ON position. Toggle between OFF and ON positions to hard-reset the WAVE2 when battery powered.

AUXILIARY PORT PINOUT

MAIN MENU

Press the Adj. Dial at any time to enter the main menu.

ClrOffset	Sig. Gen	Y-T
Measure	Auto Off	Y-X
Send Data		
Default		
WF Memory	Info	

MEASUREMENTS

Select the waveform parameters to be displayed on screen.

Ch1	Umax	Umin	Vavr	Upp	Urms
	Freq	Cycl	Duty	10x	
Ch2	Umax	Umin	Vavr	Upp	Urms
	Freq	Cycl	Duty	10x	

WAVEFORM MEMORY

Select the memory for waveform to be saved or loaded.

Mem 1
Mem 2
Mem 3
Mem 4

AUTO POWER-OFF TIME (only enabled when the WAVE2 is running on battery and not connected to external power)

Select the Auto Power-Off time when the oscilloscope will turn off during periods of inactivity.

005 min			
5min	15min	30min	45min
1 hr	2 hrs	User	Never

MAIN MENU

Press the Adj. Dial at any time to enter the main menu.

ClrOffset	Sig. Gen	Y-T
Measure	Auto Off	Y-X
Send Data		
Default		
WF Memory	Info	

Measure

- Send Data*** Enter measurement selection menu
- Default** Send captured data via serial port
- WF Memory** Restore factory default settings
- Sig. Gen** Enter waveform save/recall menu
- Auto Off** Enter Signal Generator mode
- Y-T** Enter Auto Power-Off menu
- Y-X** Enter Y-T plotting mode
- Info** Enter Y-X plotting mode
- Info** Display WAVE2 firmware details

Control

- ClrOffset** Align Vertical Position (VPos) indicators to 0V
- Measure** Previous
- Send Data*** Next
- Default** Not assigned
- WF Memory** Select
- Sig. Gen** Prev/Next
- Auto Off** Select
- Y-T** Select
- Y-X** Select
- Info** Select

*COM Port Settings: Data Bits: 8, Parity: None, Stop Bits: 1, Baud Rate: 115200 bps

MAIN MENU

Press the Adj. Dial at any time to enter the main menu.

ClrOffset	Sig. Gen	Y-T
Measure	Auto Off	Y-X
Send Data		
Default		
WF Memory	Info	

Measure

- Send Data*** Enter measurement selection menu
- Default** Send captured data via serial port
- WF Memory** Restore factory default settings
- Sig. Gen** Enter waveform save/recall menu
- Auto Off** Enter Signal Generator mode
- Y-T** Enter Auto Power-Off menu
- Y-X** Enter Y-T plotting mode
- Info** Enter Y-X plotting mode
- Info** Display WAVE2 firmware details

Control

- ClrOffset** Align Vertical Position (VPos) indicators to 0V
- Measure** Previous
- Send Data*** Next
- Default** Not assigned
- WF Memory** Select
- Sig. Gen** Prev/Next
- Auto Off** Select
- Y-T** Select
- Y-X** Select
- Info** Select

Exit Menu

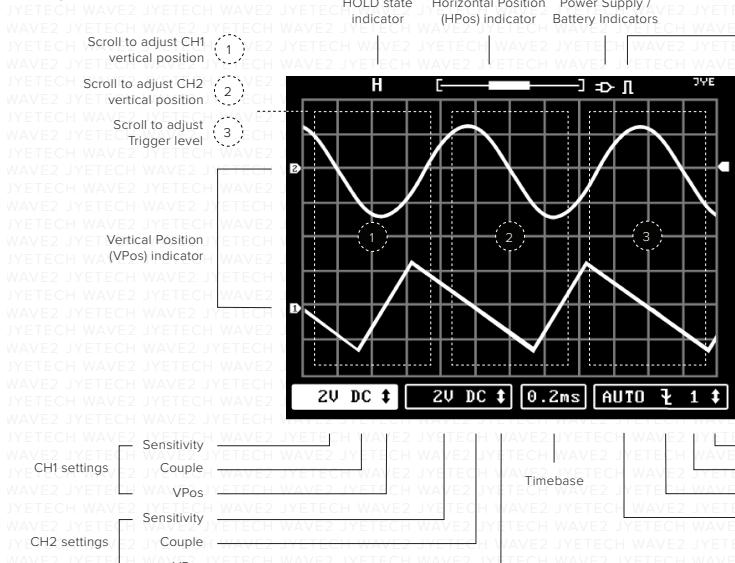
Reboot

Power off

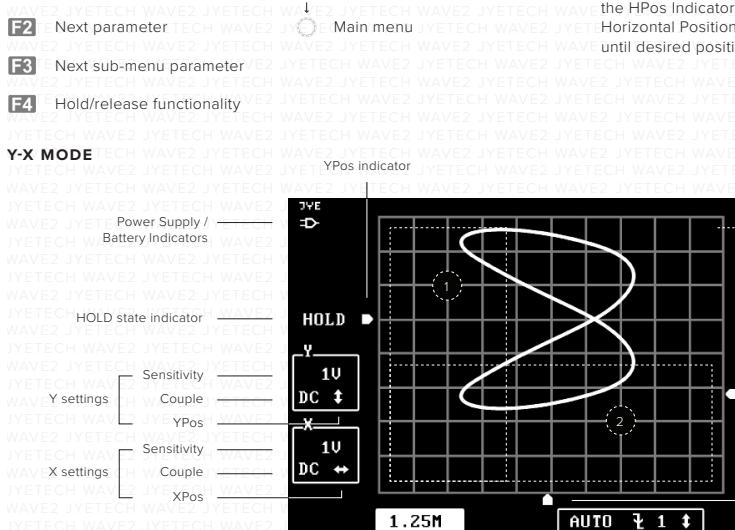
© 2019 JYTech Inc. support@jytech.com | jytech.com

Plotting Modes

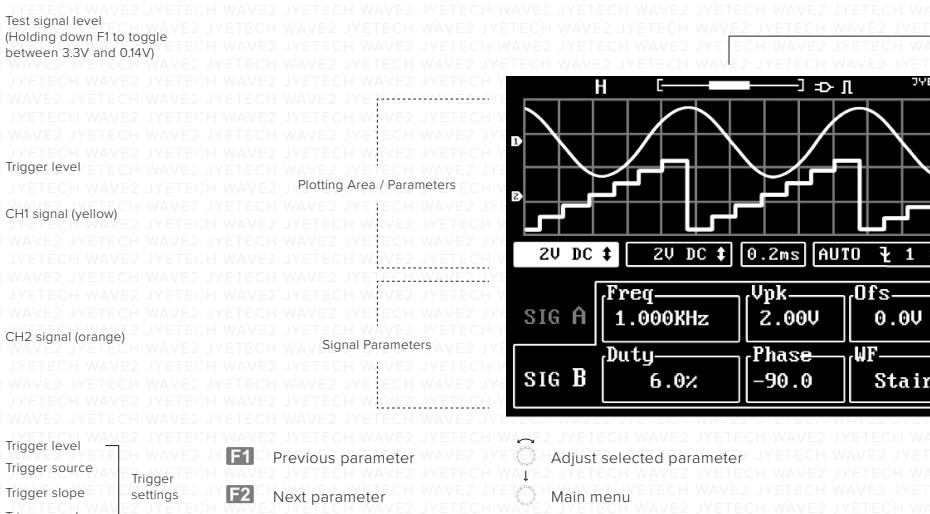
Y-T MODE



Y-X MODE



Signal Generator Mode



The top Signal Plotting section controls are the same as those in Y-T Mode

MANUAL ENTRY OPERATIONS (Example shown is for Frequency)



Delete / Backspace

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.

© 2019 JYETech Inc.

support@jytech.com | jytech.com