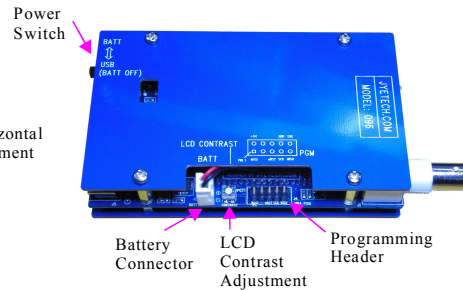
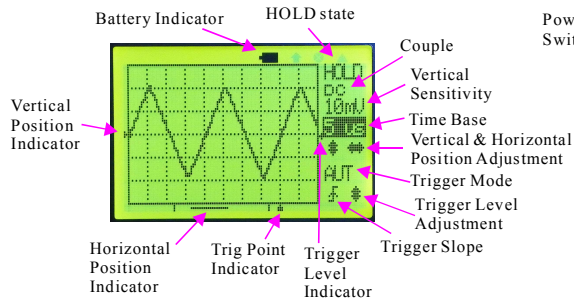
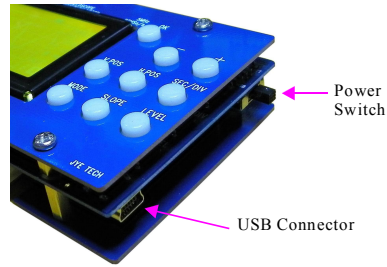
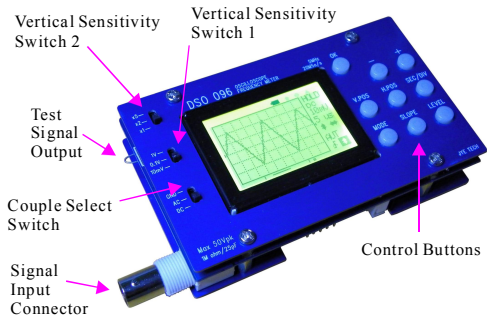


DSO 096 Oscilloscope

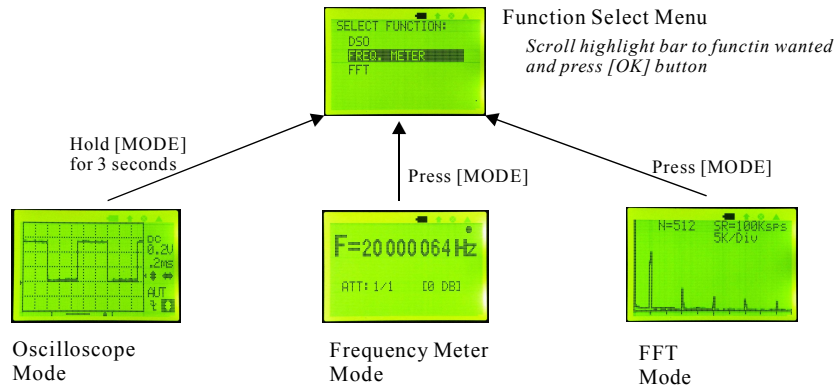
Quick Use Guide

Applicable Model: 09601

Panel & Connectors



Select Function



Operations

1. Oscilloscope Mode

RUN State	
Button & SW	Functions
[VPOS]	Select VPOS
[HPOS]	Select HPOS
[SEC/DIV]	Select TIME-BASE
[MODE]	Select trigger mode
[SLOPE]	Select trigger slope
[LEVEL]	Select trigger level
[+]	Adjust the selected param.
[-]	Adjust the selected param.
[OK]	Enter HOLD state
[VPOS] hold	VPOS alignment
[MODE] hold	Enter Function Select menu
[SLOPE] hold	Turn LCD backlight on/off
[LEVEL] hold	Enter Setting Select menu
[OK] hold	Turn off device
V.Sen 1 & V.Sen 2	Change vertical sensitivity
Couple	Change couple method

HOLD State	
Button & SW	Functions
[VPOS]	Select VPOS
[HPOS]	Select HPOS
[SEC/DIV]	Save waveform to buffer
[MODE]	Select trigger mode
[SLOPE]	Display buffer
[LEVEL]	Send screen
[+]	Adjust the selected param.
[-]	Adjust the selected param.
[OK]	Exit HOLD state

2. Frequency Meter Mode

Button & SW	Functions
[MODE]	Enter Function Select menu
[+]	Change sampling rate
[MODE]	Change FFT size
V.Sen 1 & V.Sen 2	Change sensitivity
Couple	Change couple method

3. FFT Mode

Button & SW	Functions
[MODE]	Enter Function Select menu
[+]	Change sampling rate
[MODE]	Change FFT size
V.Sen 1 & V.Sen 2	Change sensitivity
Couple	Change couple method

Specification

Oscilloscope	
Bandwidth	0 - 5MHz
Realtime Sampling Rate	2MSps
Equivalent-Time Sampling Rate	20MSps
Sensitivity	10mV/div - 5V/div
Time base range	0.5us/div - 10 min/div
Record Length	256 points
Input Impedance	1M ohm/25pF
Maximum Input Voltage	50Vpk
Couple	DC, AC, GND
Trigger Mode	Auto, Normal, Single
Trigger Polarity	Rising/falling
Trig Position	5 position selectable
Waveform buffers	6
Battery Charger	Yes
Screen Hardcopy	Yes
USB Connection	Yes
Battery over-discharge Protection	Yes

Frequency Meter	
Bandwidth	20MHz
Sensitivity	< 0.2Vpp @ 20MHz
Maximum Input Voltage	50Vpk
Attenuation	0 - 54 DB

FFT	
FFT size	256/512-point selectable
FFT Sampling Rate	1KSps - 2MSps adjustable
Resolution	8-bit
Data Window	Hamming

General	
Power Supply	3.7V Li-ion battery or USB
Current Consumption	210mA @ 3.7V (LCD on) 150mA @ 3.7V (LCD off)
Dimension	140mm X 65mm X 25mm
Weight	120gram (w/o probe & batt.)

Please visit www.jytech.com for detailed manual and related documents