OD-603/606

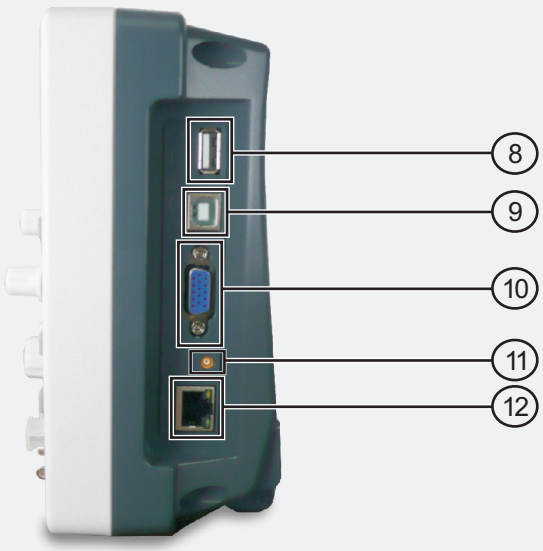
QUICK REFERENCE GUIDE

PROMAX

FRONT PANEL

1. Power ON/OFF
2. Display area
3. Control (key and knob) area
4. Probe Compensation: Measurement signal (5V/1KHz) output
5. EXT Trigger Input
6. Signal Input Channel
7. Menu off

RIGHT SIDE PANEL



8. USB Host port
9. USB Device port
10. COM / VGA port (Optional)
11. Trigger signal output & Pass/Fail output port
12. LAN port

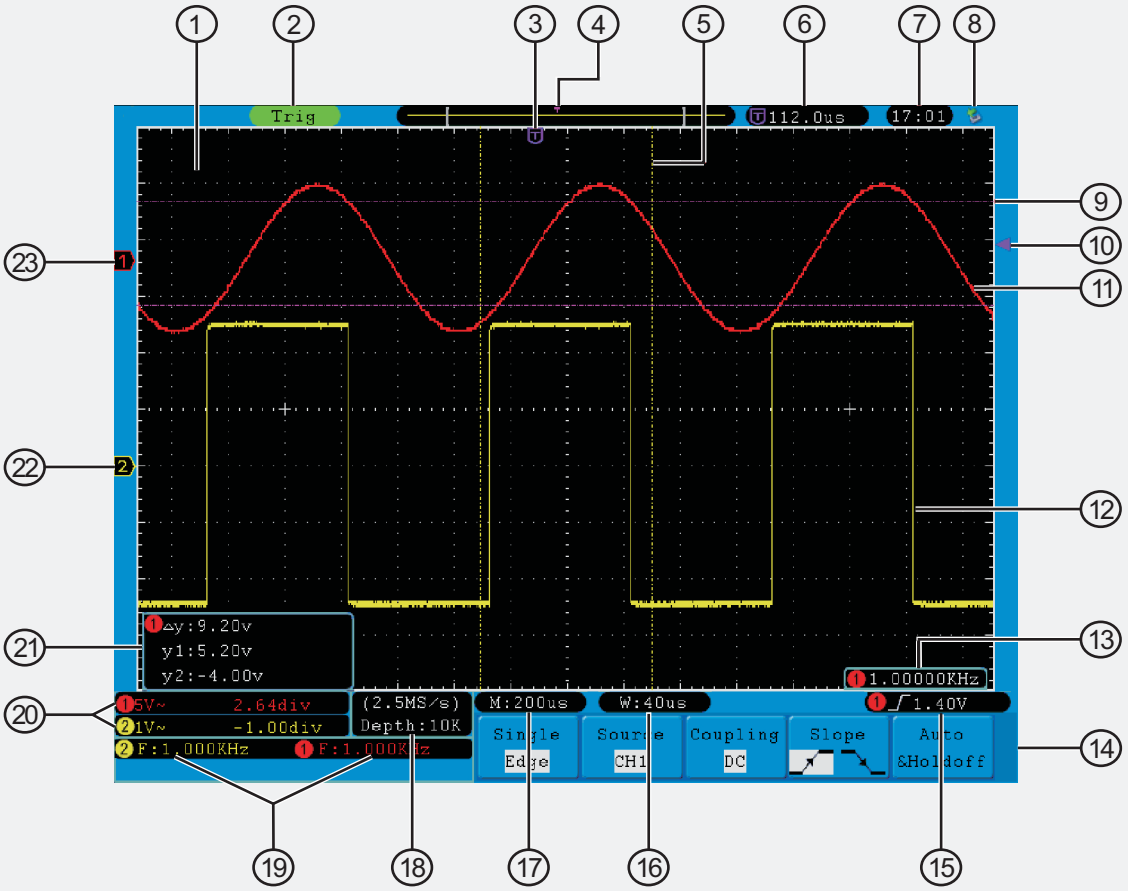
REAR PANEL

(13) Handle
(14) Air vents
(15) AC power input jack
(16) Fuse
(17) Foot stool

CONTROL KEY AREA

(18) Multipurpose knob
(19) Function key area
(20) Trigger control area
(21) Horizontal control area
(22) Vertical control area
(23) Menu off
(24) Menu option setting (H1-H5)
(25) Menu option setting (F1-F5)

USER INTERFACE



(1) Waveform Display Area.

(2) The state of trigger, including:

Auto: Automatic mode and acquire waveform without triggering.
Trig: Trigger detected and acquire waveform.
Ready: Pre-triggered data captured and ready for a trigger.
Scan: Capture and display the waveform continuously.
Stop: Data acquisition stopped.

(3) The purple T pointer indicates the horizontal position for the trigger.

(4) The pointer indicates the trigger position in the internal memory.

(5) The two yellow dotted lines indicate the size of the viewing expanded window.

(6) It shows present triggering value and displays the site of present window in internal memory.

(7) It shows setting time.

(8) It indicates that there is a U disk connecting with the oscilloscope.

(9) The positions of two purple dotted line cursors measurements.

(10) The purple pointer shows the trigger level position for CH1.

(11) The waveform of CH1.

(12) The waveform of CH2.

(13) The frequency of the trigger signal of CH1.

(14) It indicates the current function menu.

(15) Current trigger type:
- Rising edge triggering.
- Falling edge triggering.
- Video line synchronous triggering.
- Video field synchronous triggering.

The reading shows the trigger level value of the corresponding channel.

(16) The reading shows the window time base value.

(17) The reading shows the setting of main time base.

(18) The readings show current sample rate and the record length.

(19) It indicates the measured type and value of the corresponding channel.

F: Means frequency.
T: Means cycle.
V: Means the average value.
Vp: The peak-peak value.
Vk: The root-mean-square value.
Ma: The maximum amplitude value.
Mi: The minimum amplitude value.
Vt: The Voltage value of the waveform's flat top value.
Vb: The Voltage value of the waveform's flat base.
Va: The amplitude value.
Os: The overshoot value.
Ps: The Preshoot value.
RT: The rise time value.
FT: The fall time value.
PW: The +D width value.
NW: The D Width value.
+D: The +Duty value.
-D: The -Duty value.
PD: The Delay A→B ↓ value.
ND: The Delay A→B ↑ value.

(20) The readings indicate the corresponding Voltage Division and the Zero Point positions of the channels. The icon shows the coupling mode of the channel.
"—" indicates direct current coupling.
"~" indicates AC coupling.
"⏚" indicates GND coupling.

(21) It is cursor measure window, showing the absolute values and the readings of the two cursors.

(22) The yellow pointer shows the grounding datum point (zero point position) of the waveform of the CH2 channel. If the pointer is not displayed, it shows that this channel is not opened.

(23) The red pointer indicates the grounding datum point (zero point position) of the waveform of the CH1 channel. If the pointer is not displayed, it shows that the channel is not opened.

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Find the user's manual on the download area at:
www.promaxelectronics.com

USER MANUAL DOWNLOAD