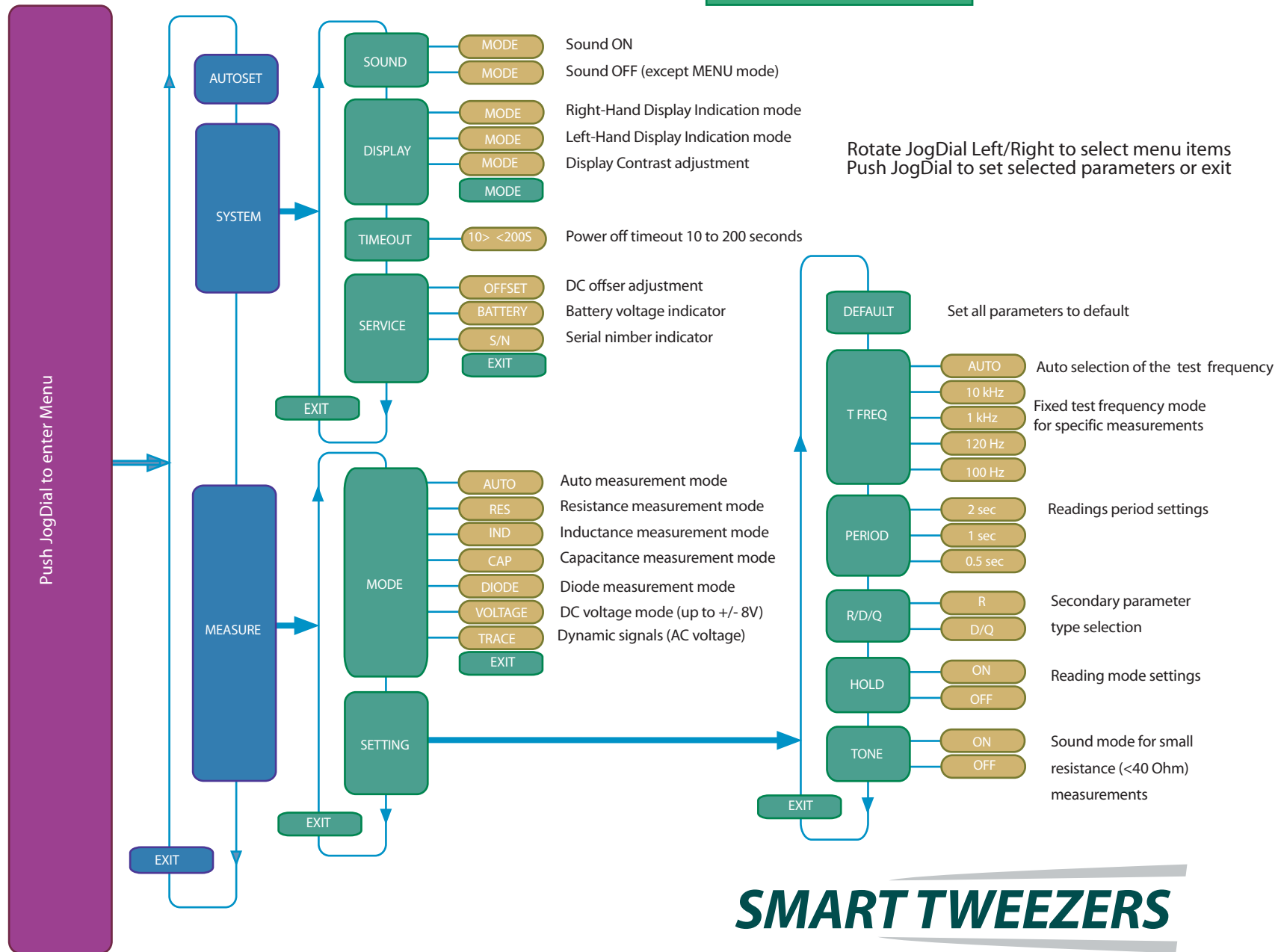


MENU HIERARCHY



FEATURES

Precision gold plated probes specially designed to work with small SMT components

Fully automatic R,L,C measurements
Dual display read-out dominant and secondary parameter C+D, H+Q, C+R, H+R

Auto range

Three test frequencies
Analog Bar Graph
Audio Feedback
Left/Right hand display mode
DC Voltage measurements
Trace mode - oscilloscope like display

Manual mode settings
Manual test frequency settings

GETTING STARTED

To turn Smart Tweezers ON push or rotate the Jog Dial

The symbol in the lower left corner will indicate that device is ON and ready to take measurements.

The letters A,R,L or C indicate measurement modes: AUTO, RESISTANCE, INDUCTANCE or CAPACITANCE respectively.

The default mode is AUTO.

Rotate or push Jog Dial to activate Menu Mode

Smart Tweezers will automatically shut OFF if no measurements were taken or Jog Dial has not been touched for 30 seconds

CAUTION: Auto Power OFF not working in VOLTAGE measurement mode.

BASIC SPECIFICATION

Measurement Functions R,L,C,ESR,D,Q
Continuity check,
DC Voltage (optional)

Measurement Ranges
Resistance 0.1Ohm to 9.99MOhm
Capacitance 10pF to 9999uF
Inductance 1uF to 999mH
DC Voltage 0V to +/- 8V

Test Frequencies 100Hz, 120Hz, 1kHz, 10kHz

Max Test signal level 400-460 mV
Source resistance 620 Ohm

BATTERY

Smart Tweezers use three 1.4-1.5V alkaline or air zinc "Button" batteries, size 11.2x5.6 mm
Alkaline LR44, 357A, SG13, A76, AG13, L1154, etc.
Air Zinc ZA675, VT675, XL675, 675A, etc.
The typical battery life is 70 hours with alkaline batteries

SMART TWEEZERS

