

KEITHLEY 2100 DMM SOFT PANEL

USER MANUAL

1. INTRODUCTION




This document intends to provide the end-user with guidance on the Keithley 2100 digital multimeter soft panel application:







As seen from the picture above, the soft panel application closely resembles the real instrument front panel. It minimizes the learning curve for the end-user. It means that if the end-user is familiar with the operation of the physical instrument, the operation of the soft panel will be similar to it.

2. Performing measurements




2.1 DC Voltage

Press “DCV” button . To make continuous measurements, press “AUTO” . To perform the single measurement, press the “SGL” button .





2.2 DC Current

Press “SHIFT” button , then press “DCV” button . To make continuous measurements, press “AUTO” . To perform the single measurement, press the “SGL” button .




2.3 AC Voltage

Press “ACV” button . To make continuous measurements, press “AUTO” . To perform the single measurement, press the “SGL” button .





2.4 AC Current

Press “SHIFT” button , then press “ACV” button . To make continuous measurements, press “AUTO” . To perform the single measurement, press the “SGL” button .




2.5 Resistance (2-wire)

Press “OHM” button . To make continuous measurements, press “AUTO” . To perform the single measurement, press the “SGL” button .





2.6 Resistance (4-wire)

Press "SHIFT" button , then press "OHM" button . To make continuous measurements, press "AUTO" . To perform the single measurement, press the "SGL" button .




2.7 Frequency

Press "FREQ" button . To make continuous measurements, press "AUTO" . To perform the single measurement, press the "SGL" button .





2.8 Period

Press "SHIFT" button , then press "FREQ" button . To make continuous measurements, press "AUTO" . To perform the single measurement, press the "SGL" button .

2.9 Continuity

Press "CONT" button . To make continuous measurements, press "AUTO" . To perform the single measurement, press the "SGL" button .

2.10 Diode

Press "SHIFT" button , then press "FREQ" button . To make continuous measurements, press "AUTO" . To perform the single measurement, press the "SGL" button .