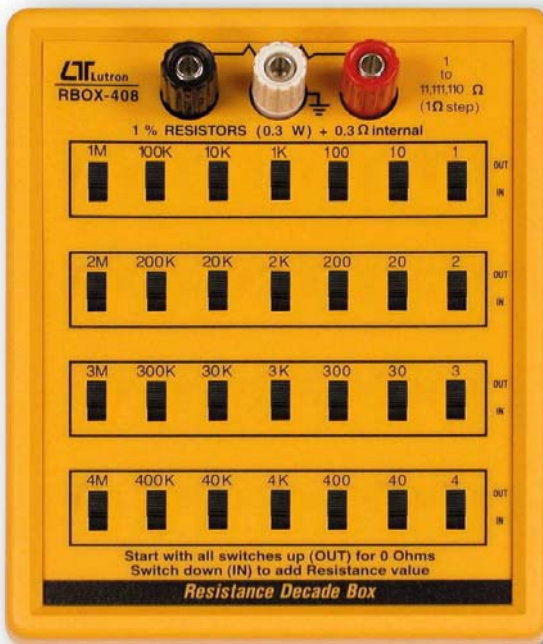


RESISTANCE DECADE BOX

Model : RBOX-408



Your purchase of this RESISTANCE DECADE BOX marks a step forward for you into the field of precision measurement.

Although this RESISTANCE DECADE BOX is a complex and delicate instrument, its durable structure developed. Please read the following instructions carefully and always keep this manual within easy reach.

OPERATION MANUAL

TABLE OF CONTENTS

1. FEATURES.....	1
2. SPECIFICATIONS.....	2
3. FRONT PANEL DESCRIPTION.....	3
3-1 Range Select Switch.....	3
3-2 Resistance Output Terminal.....	3
3-3 Ground Terminal.....	3
4. TESTING PROCEDURES.....	4

1. FEATURES

* Applications :

General applications
Troubleshooting, maintenance
Education and Vocational training
Production line testing
Radio and TV services
Working standards
Research design & develop
Physics laboratory work

- * Pocket size, offering accurate, reliable performance.
- * 1 to 11,111,110 ohm, wide range and high resolution (1 ohm per step), practical and versatile tools.
- * With seven decades of resistance.
- * Slide switches that allow the user to simply add or subtract for desired value.
- * Terminals with multi way binding posts, one to switch shield case.
- * ABS plastic housing case, rugged components.

2. SPECIFICATIONS

Range	1 to 11,111, 110 ohm (1 ohm per step)
Accuracy	1% resistors used throughout.
Wattage	1 W. <i>* Do not add the voltage over AC/DC 250 V to the output resistance terminals even its stand Wattage is less than 1 W.</i>
Internal Stray Resistance	0.3 ohm max.
Power Supply	None
Operating Temperature	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	320 g/0.70 lb.
Dimension	14.7 cm x 11.7 cm x 5.5 cm. (5.79 x 4.61 x 2.16 inch).
Accessories	Operation Manual..... 1 PC.

3. FRONT PANEL DESCRIPTION

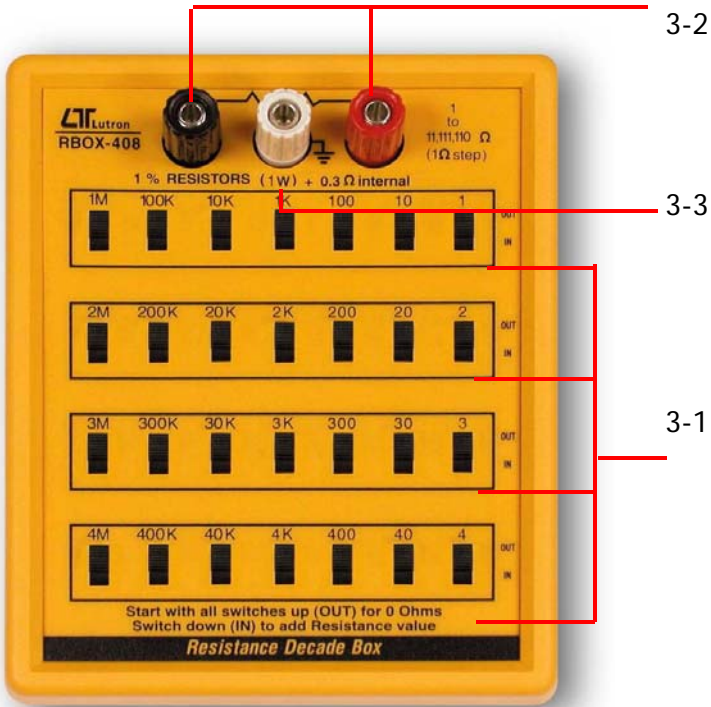


Fig. 1

- 3-1 Range Select Switch
- 3-2 Resistance Output Terminal
- 3-3 Ground Terminal

4. TESTING PROCEDURE

- 1) Start with all switches up (OUT) for 0 ohms.
- 2) Switch down (IN) to add Resistance value.
- 3) The " Ground Terminal " (3-3, Fig. 1) is connected to the metal enclosure of all switches. For some special application may connect the " Ground Terminal " (3-3, Fig. 1) to the external equipment to prevent other environment interference.



WARNING !!!

- * **The Wattage of the " Output Resistor " is 1 W. Do not add the Wattage more than 1 W to the " Resistance Output Terminals " (3-2, Fig. 1)**
- * **Do not add the voltage over AC/DC 250 V to the output resistance terminals even its stand Wattage is less than 1 W.**