

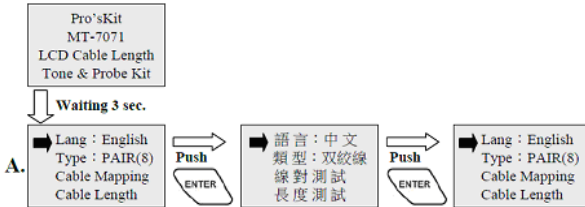
### ⚠ Caution!

Do not plug in live wire that over 5mA, AC 60V /DC 48V to RJ45 (8 pin) jack, ; Do not test with live wire having over 5mA, AC 125V/DC 100V for RJ11 (6 pin) telephone cable test or BNC (2pin) cable test; Do not connect with mains electricity to any jack of MT-7071, all of mains electricity is over 5mA.

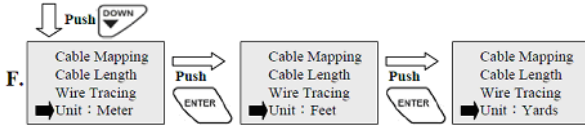
### OPERATION

If this is your first operation, please follow the instruction to set Language, Auto power off time and Unit as below

#### 1. Select Language :

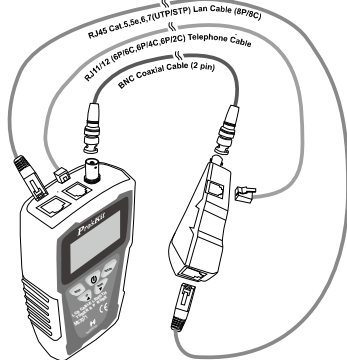


#### 2. Select Unit :

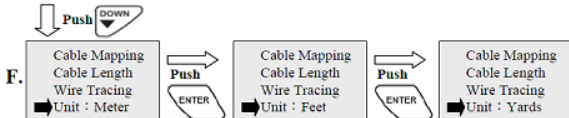


### CABLE MAPPING

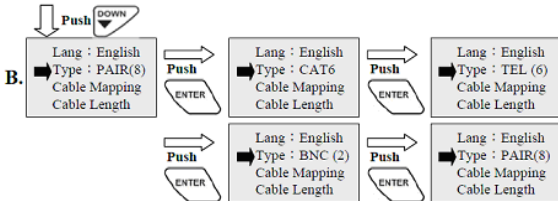
#### 1. Connect cable to transmitter and remote unit.



#### 2. Select cable type you want to test.

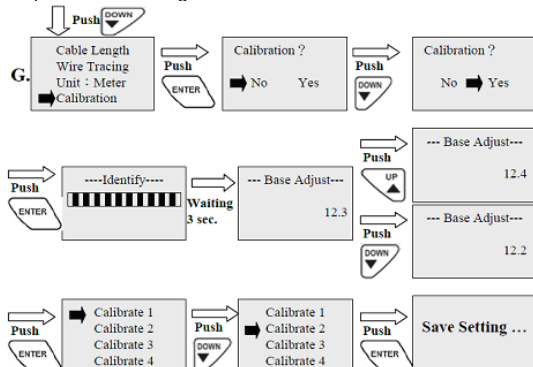


#### 3. Cable Mapping Test :

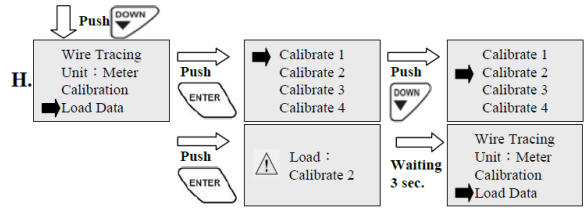


### MEASURE LENGTH, LENGTH CALIBRATION AND RECALL PARAMETER

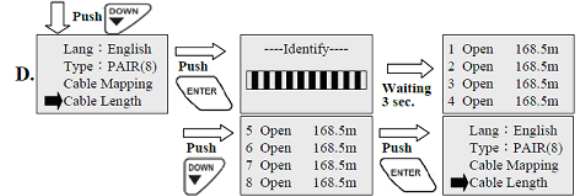
1. Connect cable to transmitter
2. Select cable type you want to test.
3. Calibration parameters setting



#### 4. Calibration parameters Recall



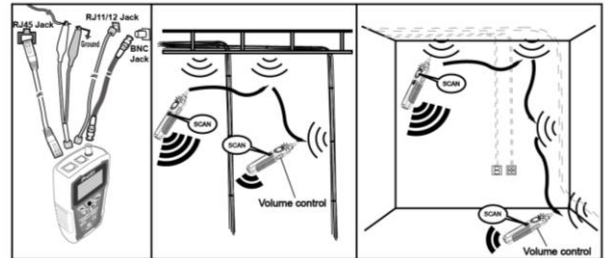
#### 5. Measure Length



### LOCATING AND ISOLATING CABLES

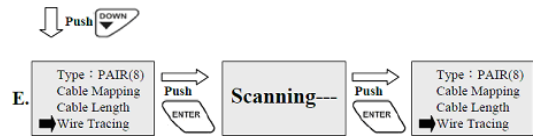
#### 1. Connect cable to transmitter and receiver

- 1-1. Connect the black alligator clip with grounded wire before isolating.
- 1-2. Locating Individual wire pairs with the MT-7071 analog function
- 1-3. Isolating cables :



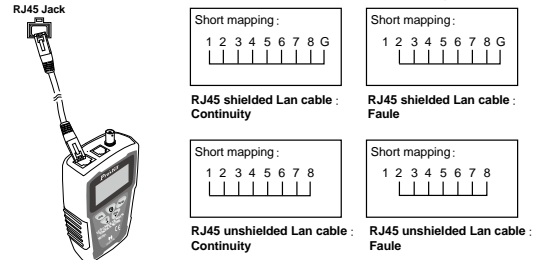
#### 2. Select cable type you want to test.

#### 3. perform the wire tracing function to find out the target cable.



### LIVE TELECOMMUNICATION EQUIPMENT AND ROUTER TEST

#### 1. Connect RJ-45 (8P/8C) cable to transmitter and working router.

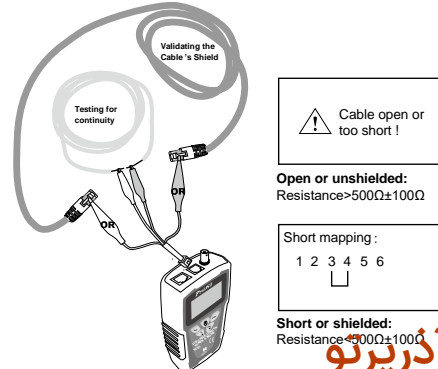


#### 2. Select cable type you want to test.

#### 3. Cable Mapping test.

### SHIELDED LAN CABLE & CONTINUITY TEST

#### 1. Plug alligator clip patch cord into RJ11 Jack, and another terminal connect with tested Cable.



⚠ Cable open or too short !

Open or unshielded:  
Resistance >500Ω±100Ω

Short mapping:  
1 2 3 4 5 6

Short or shielded:  
Resistance <500Ω±100Ω

2. Select cable type you want to test
3. Cable Mapping test

### NCV (Non-Contact Voltage) TEST

Turn the switch to "NCV" position, NCV tested function has been started when Power on.