UNI-T®

UT681A

使用手册

多功能线缆测试仪

Multifunction Cable Tester

Contents

I Safety Information.....13
II Package List.....14
III Operation Introduction.....15
IV Program Introduction.....18
V System Setting.....19
VI Electrical Specifications and Parameters.....20

I Safety Information

Warning

To avoid electricity leakage and personal injury, please comply following instruction:

→Do not use the damaged product.

→Do not use the product near the explosive gas, stream or atomy.

→No assembly needs to repair by customers.(if the product have any damage, please contact localdistributor or our maintenance center which printed on the instruction).

Careful

To avoid the product and tested equipment damage, please comply following instruction:

→All connection have to use correct cable and connector.

→Watch direction of battery installation.

Cleaning

Please use slight wet cotton to clean the product, do not use acid, alkali solution.

Power

The product uses two AA alkaline or NiCd/NiMH rechargeable batteries. Please take out battery if you will not use the product in long time that to avoid battery mal-function and leakage.

→PS:The product's battery energy capability display function is designed for 1.5V alkaline batteries, and the NiCd/NiMH batteries usually are 1.25V will display 2/4 or 3/4 capability when they are full.

→The product system will shut down if long time not using, and PWR indicator light will turn on.

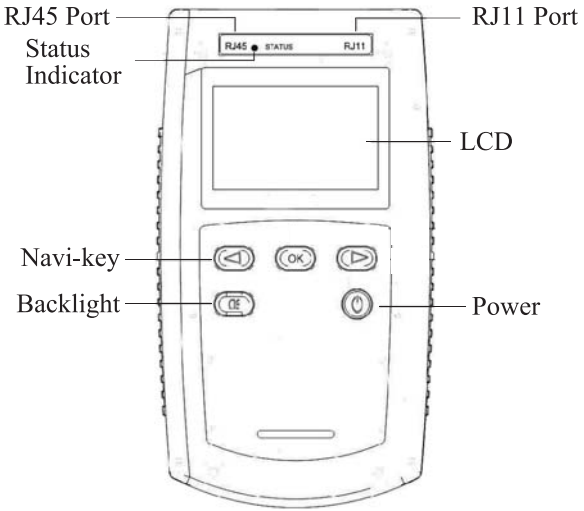
II Package List

UT681A ×1
UTN-01 ×1
UTN-02 ×4(ID1~ID4)
RJ-45 Switching Cable ×1
RJ-11 Switching Cable ×1
RJ45-Crocodile Clip Cable ×1

Operating Manual ×1
Certificate Card ×1

III Operation Introduction

UT681A Operation Chart

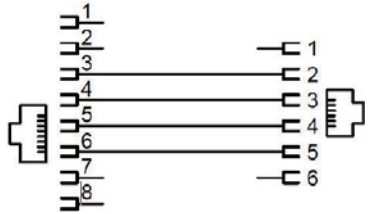


Operation Guide

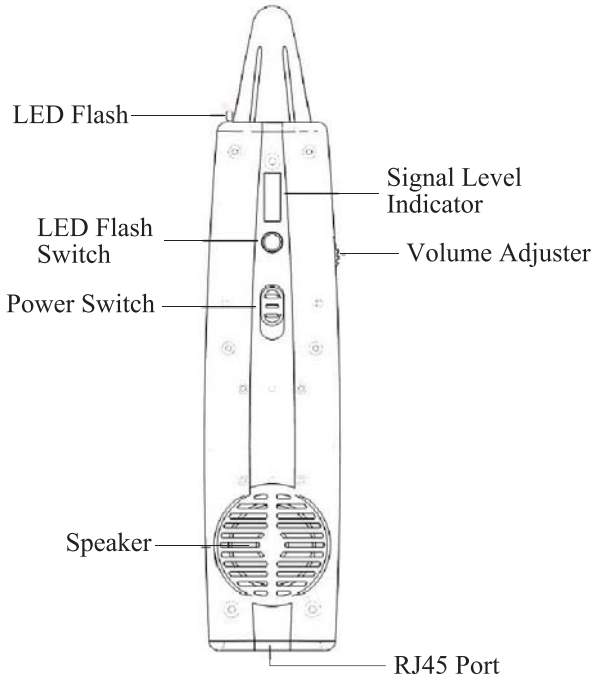
1. Power
   keep press: turn on/off
2. Navi-Key
   →select menu in main interface
   →select cursor, the selected button will display orange.
   →OK: confirmation and start-up function
3. Back-light:
   open/close LCD light

Peripheral Interface And Properties

RJ-11 connector is subset of RJ-45 connector.
Inside pairs connection mode as shown as below:



UTN-01 Operation Chart



Operation Guide

LED Flash switch: Open/close LED light
Power Switch:
up: Open audio test
mid: MUTE/LED light indicate
down: Shut down
Volume adjuster: Adjust level of volume
Signal level indicator: Include five LED light
Wire Map test port: RJ-45 port

IV Program Introduction

Audio Tracker

Before you start program, please connector cable correctly, then you can trace cable by work with UTN-01. Users can adjust audio in four different frequency.
This program can support both RJ-45 and RJ-11 test.

Cable ID

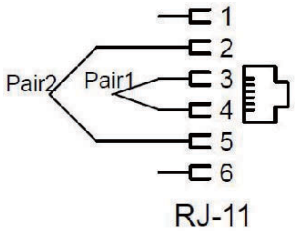
After start program, plug another side of cable into UTN-02 adapter, user could identify the ID of tested cable. This program can support both RJ-45 and RJ-11(PSTN) test.
Tips:UT681A could support up to 16 ID adapters.

Wire Map

Please plug cable into right RJ-45 port, the other side of cable pulg into RJ-45 port of UTN-01
Tips: This program could support RJ-11 connector, user could to refer pairs connection mode in Peripheral interface and properties.

Loop Resistance Test

This program designed for PSTN/xDSL cable loop resisitance.
Users can use right RJ-11 or RJ-45 port.
Pairs connection mode as shown as below:



Flash Port

Plug cable connector into left test port, the other port of cable plug into a switch or router port. press Start button to start test. The switch or router' s port will flash in a fixed frequency.

V System Setting

Sound Setting: Press left or right key to choose open/shut sound, press OK key to save the selection.

System Info: Check system version.

VI Electrical Specifications and parameters

Output level＞=9Vp-p;
10/100/1000M RJ-45 adaptive port;
Test range:0~4000ohm, testing error ＜=1%.

UT681A	
Test Port	RJ-45 ×1, RJ-11 ×1
User Interface	2.0” LCD, 128×64 pixels; LED ×1; Keys ×5
Weight	100g
NTN-01	
Test Port	RJ-45 ×1
User Interface	LED ×7
Weight	85g
Work Environment	Work environment -10~ +40℃; Storage environment -20~ +60℃ Work humidity 95%RH(no condensation)
Power	2 × AA alkaline or 2 × AA NiCd/NiMH batteries

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