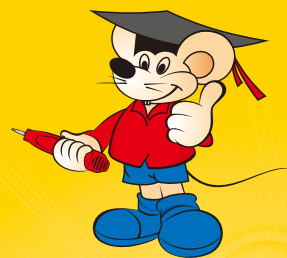


NF-822

*Your excellent helper in cable test!*

# INSTRUCTION MANUAL

## Cable Locator



*Your excellent helper in cable test!*



VER: V2



**Please read and learn safety instructions before use or maintain the equipment.**

- Never put the equipment under strong sunshine.
- Never put the equipment in the place with much dust, humidity and high temperature (over 40°C)
- Please use battery according to the specification; otherwise, it may result in damage to equipment.
- Please never dismantle the equipment arbitrarily. The maintenance and care shall be conducted by professional personnel.
- Please take out the battery in Transmitter and Receiver if the equipment is not used for a long time so as to prevent that the battery liquid is leaked in future.
- Never use the equipment to detect power cord with electricity (such as power supply circuit of 220V), otherwise, it may result in damage to equipment and personal injury.
- Never conduct related operation of communication line in thunderstorm weather so as to prevent lightning stroke and impact on personal safety.

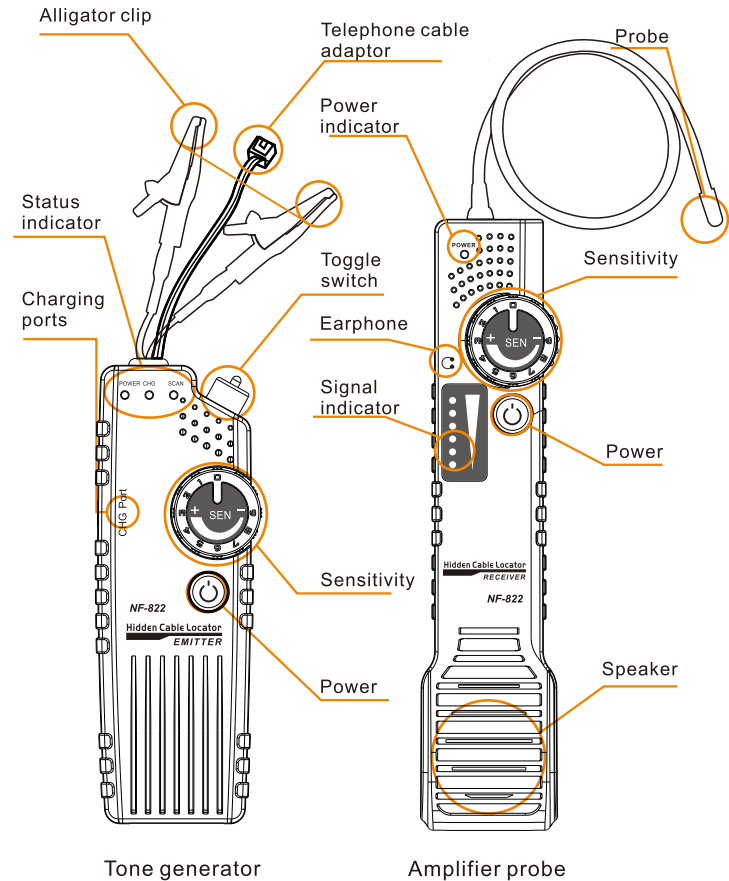
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## Overview

NF-822 is a new breakthrough after model NF-816 , which with anti-jamming cable detectors for underground , inside-wall or other invisible cable & pipe . The detection range can up to 0.3m . Besides , NF-822 is evencapable of tracing cables in high voltage environment (0 ~250V AC ) . The new special design of the probe is bendable . It can detect cables in complex addition . eg: in the bendable pipe .

## Interfaces



## Main Features :

1. Locate the wire towards which low voltage with alligator clip.
2. No interference completely under any current or external environment when cable hunting.
3. The alligator clip and socket can be used at the same time.
4. Detect range from 0 to 0.3m and scan length can up to 1000m .
5. Amplifier probe signal has a light intensity and power light color to remind.
6. The target cable is under the floor slab, the ceiling or in the wall are not affected to be hunted.
7. The transmitting and receiving power can be adjusted according to the actual situation.
8. The emitter has large capacity rechargeable lithium battery .

## Operating instructions

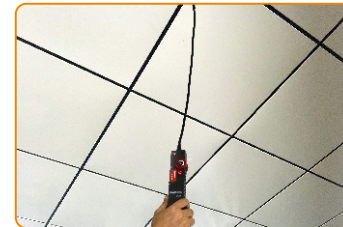
### 1.1 Cable hunting mode

1. Long press the power key to turn on the device , then shift the function switch of emitter to " SCAN" mode . The scan Led lit .
2. Connect the ground wire with black alligator clip and another to the red one . ( or connect with RJ11 connector ) .
3. Rotate the sensitivity button to the best location .
4. Long press the power key of amplifier probe . Take the amplifier probe to the other side to detect the target cable which will send out the loudest voice . If you can't identify the target cable , you can adjust the sensitivity constantly for the amplifier probe .
5. Please remember turn off the power and take out the 9V battery of the probe to avoid damage the device and save energy .

**CAUTION:** This device and operate method also fit other metal cables .And voltage can reach to 250V AC .



Tracing Electricity Cable



Tracing cables hidden upon ceiling

## Technical indexes:

Transmitter specifications	
Max. distance of transmission	≥1000m
Max. working current	130mA
Volume Regulate Function	Audio volume level control
Signal detect deep protection voltage	0-0.3m
Max. signal voltage	250VAC
Low Voltage indicate	18Vp ±1V
Battery Type	3.6V
Dimensions (LxWxD)	rechargeable 3.7V Li-batery
Receiver specifications	
Power supply	152 x 55 x 34mm
Max. working current	DC9.0V
Low Voltage indicate	100mA
Work temperature	6.5V ±1V
Work humidity	-10℃~+50℃
Dimensions (LxWxD)	30%-60%
	200x 45 x 28mm

## Standard packing

Name	Number
Tone generator	x1pc
Amplifier probe	x1pc
DC 9V battery	x1pc
Charging adaptor	x1pc
USB charging line	x1pc
Earphone	x1pc
User manual	x1pc
Toolkit	x1pc
Color box	x1pc
Certificate of quality	x1pc

## Diagram of series products



NF-868



NF-708



NF-8601



NF-806B



NF-816



NF-820



NF-300



NF-813C



NF-803A



NF-468B



NF-2100



NF-911