

NOYafa®

Your excellent helper in cable test!

MODEL: NF-818

INSTRUCTION MANUAL

Monitoring Cable Finder



**ORIGINAL
AUTHENTIC**

*Patented products,
Counterfeiting not allowed*

REV1.0



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

- The tester uses 9V battery for power supply .
- 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 dismount the equipment arbitrarily. The maintenance and care shall be conducted by professional personnel.
- The tester will shut off automatically if it does not work for 30 minutes in succession.
- Please take out the battery in launcher 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), other wise, 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.

Contents

Main Functions and features	1
interfaces and functions	2
Description of product.....	3
Product features	3
Volume adjusting function	3
Earphone function	4
BNC LINE Tracing function	4
BNC LINE Sorting function	6
Spotlight function	6
Specification of product	7
The list of package	7
Diagram of series products	8

Main Functions and features

- Break the defect of the poor anti-interference and loud noise .
- Capable of avoiding the interference of strong current , daylight lamp , indicator and other charged devices.
- To quickly find the target wire or cable among the plenty of BNC cable, monitoring line and other various kinds of wires.
- To perform cable tracking on video and monitors with power-on.
- To sequence the BNC line and monitoring line.
- To connect the monitoring line directly, other kinds of cables with two crocodile clips.
- Lighting lamp enables to use in a dark environment.
- Appearance : Humanization design with buckle and easy to carry.
- Portable unit with long battery life (wait-case 50 hours).
- Self-checking function and automatically compensate any change in battery capacity or ambient temperature.

interfaces and functions

Wire tracer for BNC and monitoring cables

Parts of emitter

Parts of receiver



Description of product

NF-818 Wire tracker for BNC and monitoring cables is our latest product. It is designed to trace coaxial cable, metal lines, and single conducting wire to test the status of the cables, identify wire fault. Thus, it is widely used in the field of cabling and maintenance for coaxial cable and monitoring cable.

Product features

- Break the defect of the poor anti-interference and loud noise.
- It can avoid the interference of strong current, daylight lamp, indicator and other charged devices.
- To quickly find the target wire or cable among the plenty of BNC cable, monitoring line and other various kinds of wires.
- To perform cable tracking on video and monitors with power-on.
- To connect the monitoring line and telephone cable directly with the two crocodile clips, which avoid the trouble of making monitor connector.
- To sequence the BNC line and monitoring line.
- Lighting lamp enables to use in a dark environment.
- Appearance: Humanization design with buckle and easy to carry.

Volume adjusting function

While tracing wire, volume can be adjusted to proper voice.

Earphone function

In noisy environment , earphone can be used to prevent interference from the outside.



BNC LINE Finding function

Wire Tracing

Push the button to “SCAN” and the “STATUS” indicator will light, which indicates the emitter is working. Insert one end of the BNC line into the BNC port, or clamp the naked copper core with the red crocodile clip the black crocodile clip is grounded. Then trace the target wire among a lot of wires with the receiver. The specific operation shows below:

*Rapidly find the target wire from
among plenty of*
telephone wires

CASE



Connect the emitter with
the BNC connector

CASE



Connect the crocodile
clip of the emitter with
the naked cable.

Hunt the target wire with the
receiver on the other end



Then compare the voice of “tick” and the one which has the
loudest voice is the target wire.

BNC LINE Sorting function

BNC Lines sequence collation

Attention: Do not allow to use this device with strong current wires

1. Insert the two of the BNC connectors to the corresponding interface of the emitter and receiver respectively.
2. Push the Function switch over button of emitter to "TEST", the wire sequence indicator will light, which indicates the emitter is working.
3. Judge the short circuit, open circuit, cross according to the 4 indicators;
4. The specific operation shows below:



Spotlight function

To work easily as usual while turn on the light switch at night and in dark.



To judge miswire, short, open, circuit of coax cable with the method of automatic scan.

Application users

Telecom bureau/net bar/telecom engineering companies/network engineering companies/power supply/army and other department requiring wire.

Application scope

Wire engineering of telecom, network and regular maintenance work; network line engineering of computer; other wire engineering and maintenance.

Specification of product

Item	Specification	
Product name	Wire tracker for BNC and monitoring lines	
Power supply	DC, 9V battery	
The max working current	Emitter	$\leq 10\text{mA}$
	Receiver	$\leq 30\text{mA}$
Distance of signal transmission	$\geq 2\text{km}$	
Sensibility	The distance of detection can be changed from 0 to 150mm with strong anti-interference ability	
Appearance dimension	Emitter	126×49×34, mm
	Receiver	175×42×27, mm
	Whole set	270×165×45, mm
Weight	Emitter	0.085kg
	Receiver	0.079kg
	Whole set	0.580kg

The list of package

1. Emitter	1 piece	5. Instruction manual	1 piece
2. Receiver	1 piece	6. Toolkit	1 piece
3. 9V battery	2 pieces	7. Color box	1 piece
4. Earphone	1 piece		

Diagram of series products



NF-306



NF-868



NF-8208



NF-268



NF-806R



NF-816



NF-468L



NF-3468



NF8108-M



NF-388



NF-903



NF-906A



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