

## Cable Tracer and Wiremapper

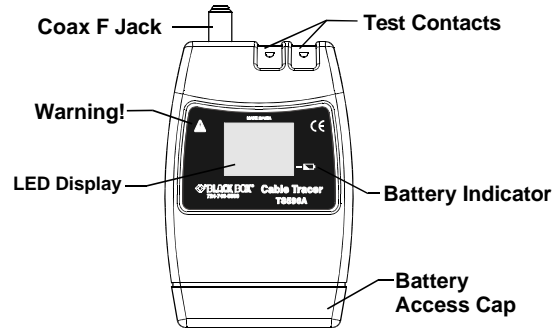


### Features

- Wiremap up to 20 audio, coax, or security/alarm cable runs at a time
- Auto-On and Auto-Off
- Low Battery Indicator
- Voltage Detection and Warning
- High Intensity LED display readable in any lighting environment
- Alligator Clip and F-Connector contacts
- Rugged test contact surfaces with through holes for test probe test
- Coax to Alligator Clip adapter (TS594) included
- Set of 20 individually numbered alligator clip wiremappers (TS595) included

The Black Box Cable Tracer and Wiremapper™ is designed to quickly wiremap up to 20 speaker, coax, or security/alarm cables at a time. The LED displays the unique number of the remote identifier attached to the other end of the cable run. When the Black Box Cable Tracer and Wiremapper detects a condition other than an open circuit it powers up automatically and displays the results until disconnected. If the Black Box Cable Tracer and Wiremapper detects a short, the LED displays SH. When voltage is detected, “lightning bolts” appear. To conserve battery life, the Black Box Cable Tracer and Wiremapper powers down automatically if the connection is not removed in approximately 2.5 minutes.

**Warning! Do not connect to live AC circuits. This could cause an extreme shock hazard and damage the Black Box Cable Tracer and Wiremapper.**



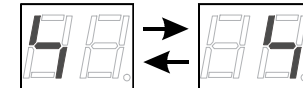
### Instructions For Use

Put one wiremapper remote on the far end of each cable run you want to identify. For unterminated speaker, alarm or security cables simply touch the stripped end to the test contacts on the Black Box Cable Tracer and Wiremapper body and the respective remote number will illuminate on the LCD, 1 thru 20. For unterminated coax cables an adapter cord is provided (TS594). Clip one alligator clip to the cable shield and one to the center conductor to get a number reading.

**Note: For terminated coax Black Box TS591 coax wiremapper set can be used. This set is comprised of 20 individually numbered wiremapper remotes with push-on F connector plugs.**



When voltage is detected “lightning bolts” appear



When a short circuit is detected “SH” is displayed.



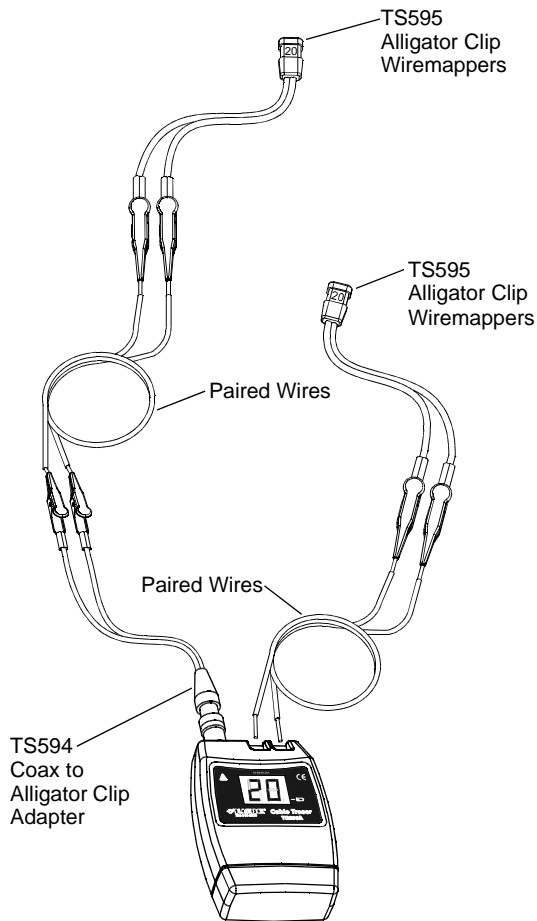
When the battery is low, the round indicator to the left of “BATT LOW” will be on and the battery should be replaced.



### CUSTOMER SUPPORT INFORMATION

Order toll-free in the U.S.: Call 877-877-BBOX (outside of U.S. Call 724-746-5500)  
 FREE technical support 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746  
 Mailing address: Black Box Corporation, 1000 Park Drive, Lawrence, PA 15055-1018  
 Web site: www.blackbox.com • E-mail: info@blackbox.com

## Wiremap Configuration



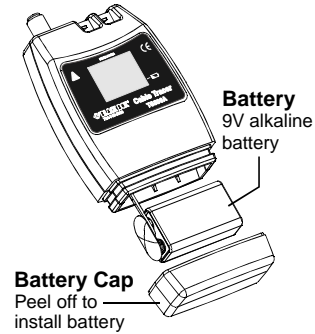
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## Battery Installation

Battery not included. Follow the instructions below to install the battery.

- 1) Remove rubber battery cap by peeling back a corner until it pops off.
- 2) Connect 9 volt Alkaline battery to battery snaps.
- 3) Slide battery into cavity and snap cap in place.

**Note: The cable testing results will become unreliable when the battery reaches about 4.5 volts.**



## Optional Accessory

TS591 - Set of 20 individually numbered coax wiremappers

## Specifications

### Physical Dimensions

Size: 12 x 7 x 3 cm (4.75 x 2.75 x 1.2 inches)  
Weight: 145 grams (5.1 oz.) with battery

### Environmental

Operating temperature:  
0 to 50 °C (32 to 122 °F)  
Storage temperature:  
-40 to 70 °C (-40 to 158 °F)  
Humidity:  
10% to 90%, non-condensing

### Battery Life (Alkaline 9V battery)

Used continuously in one of the following modes:  
Standby: 2.5 years  
Testing: 20 hours

### Cable Resistance:

100 ohms maximum DC resistance, sum of both conductors

### Input Protection:

Up to 100V DC or AC-RMS continuous  
200V peak for 5 seconds maximum

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