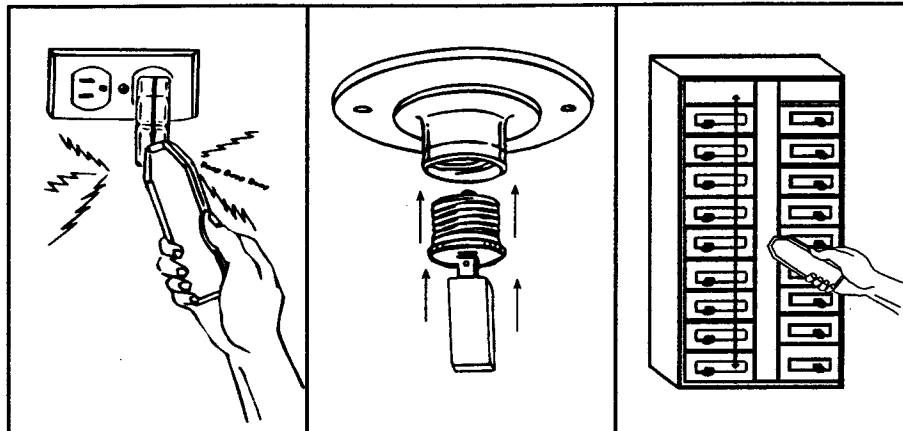


The BT-100 will safely and quickly locate the 120 VAC circuit breaker or fuse supplying an outlet or incandescent light fixture. No trial and error guesswork or interruption of power is necessary when finding a breaker/fuse with the BT-100

Just plug the transmitter (BT-100T) into the outlet or lighting fixture with power on, and go to the circuit breaker/fuse box. Scan up and down the breaker box with the receiver (BT-100R) until the audible signal is heard and the LED lights. Reduce the sensitivity on the receiver so the breaker containing the maximum signal is identified.



Simply plug the transmitter into the outlet that you wish to locate. Turn on receiver and check battery by placing receiver near transmitter. Receiver should beep.

To locate a wall switch circuit that controls an incandescent light fixture, first install a screw-in adapter (not included) as shown above. Then, with the wall switch on, follow the procedure for identifying an identifying outlet.

With the receiver touching the breakers/fuses, move it up and down over the row(s) of breakers/fuses until the receiver beeps and the LED lights.

COMPLETE INSTRUCTIONS INCLUDED

Receiver requires 9V battery (Amprobe Model MN1604 not included)

**AMPROBE INSTRUMENT®**

DIVISION OF CORE INDUSTRIES INC
630 Merrick Rd., P.O. Box 329, Lynbrook, NY 11563
(516) 593-5600 • FAX (516) 593-5682

Made in U.S.A.

937779

SPECIFICATIONS
BT-100T & BT-100R

OPERATING FREQUENCY: 47-63 Hz
OPERATING VOLTAGE: 120VAC ±5%
WEIGHT: BT-100T: Approx. 50gr.,
(excluding battery) BT-100R: Approx. 85gr.
POWER SUPPLY: 9V Alkaline, Amprobe Model #MN-1604
(not included)
OPERATING TEMPERATURE: 0 to 50°C

There are no serviceable components to either the transmitter or receiver. Retain these instructions for future reference.

U.S. Patent #4,906,938

Made in China



AMPROBE.
A United Dominion Company

630 Merrick Rd., P.O.Box 329, Lynbrook, NY 11563
(516) 593-5800 • FAX (516) 593-5882

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Part No. 937782
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INSTRUCTIONS

How to use your Model No. BT-100

Break'r Trac'r

**Circuit Breaker
Identifier
Model No. BT-100**

LIMITED WARRANTY

Congratulations! You are now the owner of an AMPROBE Instrument. It has been quality crafted according to quality standards and contains quality components and workmanship. This instrument has been inspected for proper operation of all its functions. It has been tested by qualified factory technicians according to the long-established standards of AMPROBE.

Your AMPROBE Instrument has a limited warranty against defective materials and/or workmanship for one year from the date of purchase provided that, in the opinion of the factory, the instrument has not been tampered with or taken apart.

Should your instrument fail due to defective materials, and/or workmanship during the one-year warranty period, return it along with a copy of your dated bill of sale, which must identify the instrument by model number and mfg. number.

For your protection, please use the instrument as soon as possible. If damaged, or should the need arise to return your instrument, it must be securely wrapped (to prevent damage in transit) and sent prepaid via Air Parcel Post insured or UPS where available to:

Service Division
AMPROBE®
630 Merrick Road (for U.P.S.) P.O.Box 329 (for P.P.)
Lynbrook, NY 11563-0329

Outside the U.S.A. the local AMPROBE representative will assist you. The above limited warranty covers repair and replacement of instrument only and no other obligation is stated or implied.

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**AC Circuit Breaker Identifier
Model No. BT-100**

The task of identifying AC circuits is now made quick and easy. No more guessing or trial and error when it comes to locating the correct circuit breaker supplying power to an AC outlet or lighting fixture.

BATTERY INSTALLATION (BT-100R)

Open battery door by pushing down and out on tab and install battery into compartment with terminals down (see Fig.A). The battery adapter leads should be run alongside of the battery.

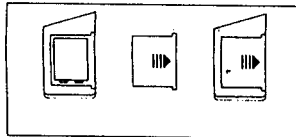
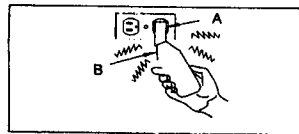


Fig.A

UNIT TEST

Plug transmitter into live wall outlet.

Turn receiver on by rotating thumb wheel until click is heard and the LED lights. Rotating the wheel clockwise will reduce sensitivity. Place receiver near transmitter as shown in Fig.B. If receiver is working and the wall outlet is live, the receiver will produce a distinctive beep and the LED will flash. If no signal is detected, increase the sensitivity by rotating the wheel counter clockwise.



A. Transmitter
B. Receiver

Fig.B

**USING YOUR "BREAK'R TRAC'R"
LOCATE THE BREAKER OR FUSE**

Plug transmitter into a live wall outlet.

Turn receiver on and check battery by placing receiver near transmitter as in test section. Go to the power distribution box. Turn receiver on to maximum sensitivity.

Open box and place flat of tapered end of receiver at a right angle and directly on circuit breaker or fuse with the thumbwheel facing straight up or down, as shown in Fig.C. Move receiver up and down over the rows of circuit breakers or fuses while continually lowering its sensitivity until only one breaker or fuse causes the receiver to beep. After you have located the right breaker or fuse, turning off the circuit will cause the receiver to stop beeping.

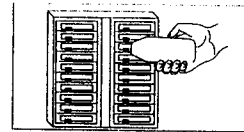


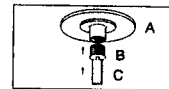
Fig.C

INCANDESCENT LIGHT FIXTURE

If the incandescent light fixture is controlled by a wall switch, make sure the wall switch is off.

Remove the light bulb. Install screw-in light socket adapter as shown in Fig.D.

Plug in transmitter. Turn on wall switch and repeat procedure to locate breaker or fuse as in the wall socket section.



A. Incandescent
Light Socket
B. Adapter (not
included)
C. Transmitter

Fig.D

LIGHT DIMMERS

Your circuit identifier can be used with light dimmers provided the dimmer is turned to its brightest position. If this is not done, the receiver could pick up a false signal. However, you will be able to detect a difference in the signal because it will be erratic and not distinct as in the test section. Most false signals can be adjusted out.

CAUTION: Use extreme care when you work around AC circuits. A severe shock hazard exists. Your circuit breaker identifier is not intended to replace good electrical practices, but to assist you in determining how your home or workplace is wired.