



IMPROX IHT

ImproX (IHT) Infrared Hand-held Transmitter INSTRUCTIONS FOR USE

SPECIFICATIONS

Working Environment	Designed to work in an environment similar to IP30. The Transmitter is, therefore, not sealed against water.
Power Source	
Internal Battery.....	12 V alkaline Battery (LR23A or MN21) style A23.
Battery Life.....	Up to 5 000 activations.
Infrared Transmitter	
Wavelength	940 nm.
Range	15 m (16.40 yd) outdoors line of sight (see the General section on page 2).
Passive Tag	
Frequency	125 kHz.
Range	25 to 50 mm (1 to 2 in).
Status Indicators	
Power LED.....	Flashing Red LED. Flashes during the time that the Push-button is activated.
Push-button	A single black Push-button.

USER INFORMATION

Accessories

Find the following when unpacking the Transmitter:

- An ImproX (IHT) Infrared Hand-held Transmitter housed in a Light Grey, ABS Plastic housing. The Transmitter's housing consists of a Lid and Base, secured with 2 Self-tapping Screws (M3 x 8 mm).
- A 12 V alkaline Battery (LR23A or MN21) (installed in the Transmitter).

General

Remember the following when using the Transmitter:

Infrared Range

CAUTION: You will experience a reduction in range in bright sunlight conditions.

CAUTION: If you use the Transmitter through the windscreen of a motor vehicle, the range can decrease to 8 m (8.74 yd).

The Infrared Transmitter has a transmission range of 15 m (16.40 yd) outdoors line of sight.

Passive Mode

When using the Transmitter in Passive Mode, simply present the Transmitter to the 125 kHz Reader. In Passive Mode, you do not need to press the Transmitters Push-button.

Power Saving Feature

In order to conserve Battery power, the Transmitter automatically switches off if the Push-button is depressed for 5 seconds or longer.

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Battery Replacement

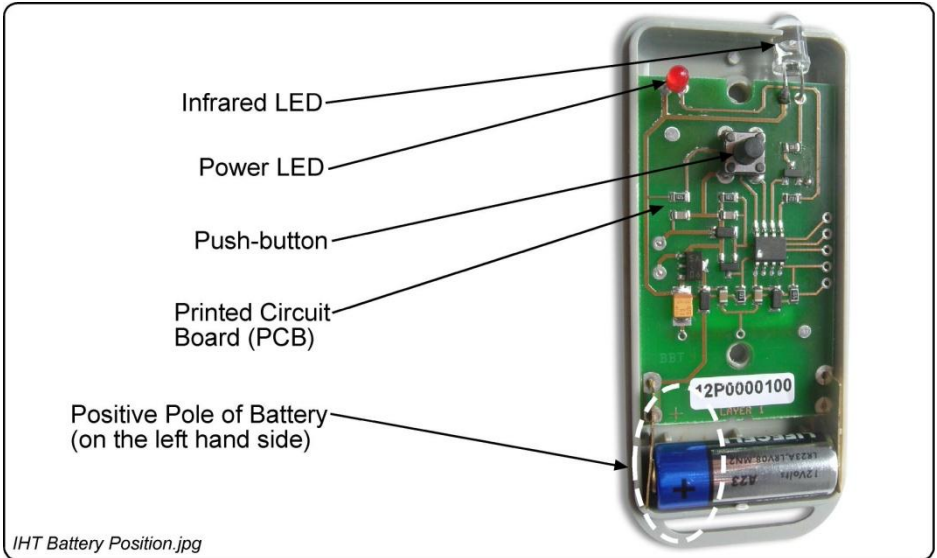


Figure 1: Battery Position

1. Remove the housing's Lid from the Base, by removing the two retaining screws in the underside of the Tag.
2. Lift the Battery out of the Battery Holder.
3. Insert the replacement Battery, ensuring that the Positive Pole is on the left hand side as shown in Figure 1.
4. Re-attach the housing's Lid to the Base using the two retaining screws.
5. Push the Push-button and check that the Power LED illuminates (flashes) Red.

NOTE: If the Power LED does NOT illuminate, check the polarity of the Battery.

Serial Number Label

A Serial Number Label is stuck to the Base of each ImproX Infrared Hand-held Transmitter; keep this label in a safe place for warranty purposes.

GUARANTEE OR WARRANTY

This product conforms to our Guarantee or Warranty details placed on our Web Site, to read further please go to www.impro.net.

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This manual is applicable to the ImproX (IHT) Infrared Hand-held Transmitter, IVT902-1-0-GB-00. (The last two digits of the Impro stock code indicate the issue status of the product).

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