

# LGWT434

## Walk Test Instrument

For Genesis Wireless Systems



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### Product Overview

The Genesis Walk Test Instrument is an invaluable tool when it comes to setting up and testing a wireless PIR system.

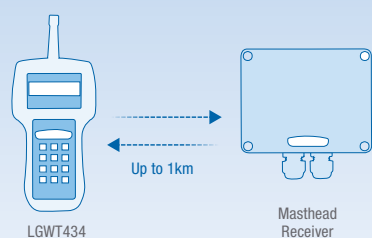
An LCD shows PIR information such as Detection, Tamper, Cloak, Shock and re-orientation. In addition it shows ID number, Lens type, Pulse count setting, signal strength and battery condition. Each detection or tamper is accompanied by an audible bleep. In addition, the display can also show an alpha numeric name for each PIR which makes identification easier.

The walktester will receive signals directly from the PIR detectors for fast accurate set up of the detection zones but the main advantage is when it receives the signals via the Masthead. This feature is unique and enables the installer to verify that the masthead receiver is receiving and that the signal strength at the masthead is sufficient.

This walktester can also transmit to simulate a PIR in order to check proposed PIR positions before installation begins.

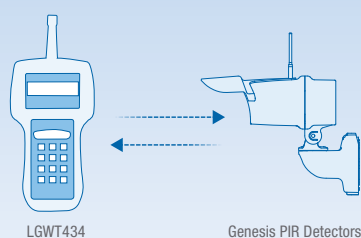


### Installation



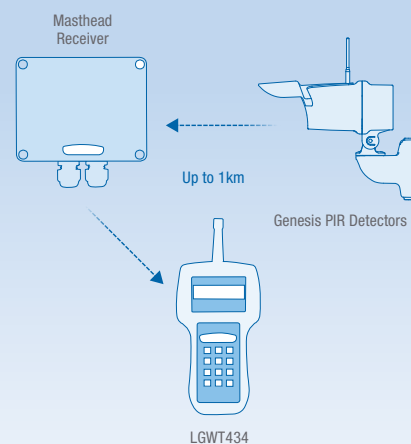
#### Survey Test

A site may be surveyed prior to installation to ensure that the wireless communication will work. All that is needed is a masthead and a walk test instrument. The walk test instrument will make test transmissions to the masthead which in turn reply's with the received signal strength.



#### Test Direct

Walk test the detectors by receiving directly. This enables accurate positioning of the detector for optimal detection. Detector settings, battery, signal strength and lens type are displayed.



#### Test Via Masthead

Walk test the detectors by receiving via the masthead. This gives the same information as testing directly but with the addition of the signal strength at the masthead. In this way everything is tested including the wireless link.



## For Use With LGWT434



LGMT434  
Genesis Masthead Receiver



LGIP MT434  
Genesis IP Masthead Receiver



LGMRU4x4  
Genesis Masthead Receiver  
with Relays



LGTX434 Wireless  
Genesis Transmitter



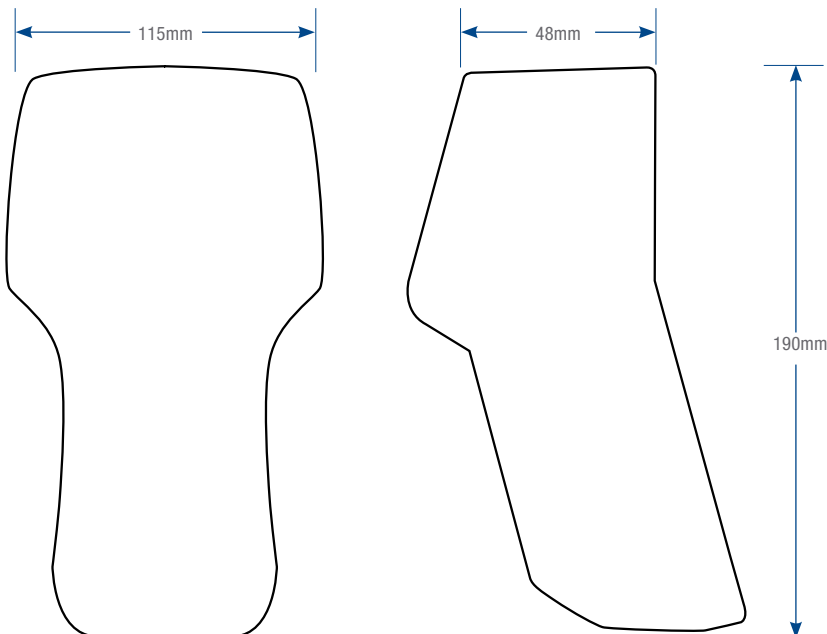
LGWP WP4004, 1520,  
12HC, 12VC 3020,  
Genesis PIR Detector



LG2 WP3020 & WP6004  
Genesis PIR Detector

For more information see separate datasheets

## Dimensions



## Specifications

Receiver Frequency	434.525Mhz
Transmission Frequency	434.525Mhz
Transmission Power	10m/w licence exempt
Aerial	SMA helical
Operating Range	Up to 1Km line of site
Site Codes	32
Unit Codes	64
Display	32 character LCD
Internal Battery	NiMH 3.6 volt 2000mah
Charger	Car lighter plug 12 volts DC
Charger Socket	2.5mm DC
Max Charge Voltage	12 volts DC
Temperature Range	-10 deg C +60 deg C
IP rating	IP44
Enclosure	Charcoal grey durable plastic

