

IR LIFT CONTROL SYSTEMS SUMMARY

1) Three systems are offered:

- a) STANDARD
- b) ENHANCED
- c) IRACS – Infra Red Access Control System

All have the option of standard keyfob transmitters or High Power long range pocket size transmitters:



Standard Keyfob, 1 btn



Standard Keyfob, 2 btn



High Power Long Range Transmitter

All have various receiver options covering internal and external installation, surface or flush mounting, long range or wide angle and even one for ceiling mounting within the lift car:



Receivers for external mounting



Receivers for internal flush mounting (right hand is ceiling mount omnidirectional)
NB: External mounting receivers may also be mounted internally but not vice-versa.

STANDARD SYSTEM

All keyfobs in a given installation have the same code – keyfobs cannot be differentiated from one another.

256 possible code combinations of which 16 are available for a given system

Any number of keyfobs can be used in a system.

Any number of receivers can be used in a system.

Each receiver is autonomous.

Range with standard keyfob and receiver approx 12m

Range with high power Transmitter approx 24m

Long range receiver gives 50% increase in range over a narrower angle

NOT upgradeable to IRACS

ENHANCED SYSTEM

All keyfobs have a unique code

Over 1 000 000 possible code combinations

Maximum of 999 keyfobs per system

Maximum of 6 receivers per system

25% improvement in range compared to standard system

Greater immunity to interference than standard system

Choice of autonomous mains powered receivers *or* central Lo V power unit/JB with CAT5 cabling carrying lift control signals plus power for the receivers.

UPGRADEABLE TO FULL IRACS

IRACS

All keyfobs have a unique code

Over 1 000 000 possible code combinations

Maximum of 999 keyfobs per system

Maximum of 6 receivers per system

25% improvement in range compared to standard system

Greater immunity to interference than standard system

Each receiver is linked to a central CONTROLLER

The controller can accept or reject any individual keyfob according to an editable list

Lifts can be manually controlled from the central controller

All actions are reported and can be logged on a PC