## NOTICES

**Approval:** This product is marked with a CE mark and constitutes a Class 2.7 device.

The radio system has been designed to comply with EN50134 series of European Norm standards specific to Social Alarms.

The product exceeds the requirement for Electromagnetic Compatibility (EMC) standard BS EN 50130 part 4; which sets criteria for EMC Immunity for components of fire, intruder and social alarm systems.

The radio triggers (and receiver) are in accordance with the specific European Social Alarm radio frequency band allocation (from 869.20 to 869.25MHz). They operate at 869.2125 MHz. The radio transmitters comply with mandatory radio standards for Short Range Devices (SRD) ETSI EN 300-220. The radio receiver also conforms and exceeds the mandatory class 1 criteria necessary

for "safety critical SRD communication media i.e. for devices servicing systems where failure may result in a physical risk to a person."

**Battery Disposal Policy:** The Radio trigger batteries must be disposed of in an approved manner. In the event that the radio product indicates a 'battery low' condition, contact your supplier for details of disposal/product replacement.

## Transmitter parameters

The transmitter follows a pre programmed cycle leading to a	A class 2.7 device
typical duty cycle class of 1 (<0.1%):	
Effective radiated power 100 micro Watts	Frequency error ± 3 kHz maximum
Adjacent channel power <100 nano Watts	
Effective range 25 to 50m (into standard alarm telephone)	Intended area for use is Europe
Intended environment is group II - indoor in general with	Expected battery life 20000 operations
intended operating temperature between –10 to +55 Celsius	over 5 years

## **Declaration of Conformity**

We, Tunstall Telecom of Whitley Lodge, Whitley Bridge, Yorkshire, England, DN14 0HR Declare that the 869 Radio Triggers conform with the essential requirements of the RTTE directive 1999/5/EC. Essential radio test suites have been carried out.

Model Numbers:

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67005/09 869MHz Amie (FASS) 67005/13 869MHz Amie (Red Cross) Auto Low Battery 67005/47 869MHz Arm/Disarm Trigger 67005/48 869MHz Zoning Button

67005/54 869MHz Auto Presence Amie 67005/55 869MHz Auto Presence Gem 67005/57 869MHz Gem Keyless Entry

67605/12 869MHz Auto Presence Sapphire Black Button

Applicable standards:

**EMC** EN 55022:1998

67005/88 869MHz Gem (Dark Grey)

ETSI 300-683:1997 (class 1)

**Safety** EN 60950:2000

**Radio** ETSI EN 300 220-2:(2007)

**Social Alarm** EN50130-4:1995 + amendment A1:1998

Signed

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Technical Director Date

Associated Summary Information (02RTTE006A)

The CE mark was first applied in June 2002

22 June 2004