

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 **"Highly reliable SRD...serving human life inherent systems."**

Transmitter parameters

The transmitter follows a pre programmed cycle leading to a typical duty cycle class of 1 (<0.1%):	A class 2.7 device
Effective radiated power 200 micro Watts	Frequency error \pm 3 kHz maximum
Adjacent channel power <100 nano Watts	
Effective range up to 50m (into standard alarm telephone)	Intended area for use is Europe
Intended environment is group II - indoor in general with intended operating temperature between -10 to +55 Celsius	Expected battery life 20000 operations

Declaration of Conformity

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

Model Number: 67005/36

Applicable standards:

EMC	EN 55022:1998 ETSI EN300-683:1997 (Class 1) ETSI EN301-489-1:(2000-08) Class 1
Safety	EN 60950:2000
Radio	ETSI EN 300 220-3:(2000-09)
Social Alarm	EN50130-4:1995 + amendment A1:1998

Signed



Technical Director Date 30 September 2002

Associated Summary Information (02RTTE0018A) The CE mark was first applied in September 2002



Radio Pullcord Installation Guide

This guide is for use with Tunstall radio pullcord model number 67005/36.

1 *Decide where to locate the Pullcord*

Locate the Pullcords where there is the highest possibility of their requirement in an emergency. This can be in such places as:

Bedrooms, Kitchen, Stairs, etc.

Do not locate the Pullcord on or too near a metal or metallic surface. This could severely limit the range of the radio transmission.

Do not locate the Pullcord next to other Pullcords in the dwelling i.e. light switches etc.

Do not locate the Pullcord in an area that is likely to be wet, damp or humid. Each Pullcord must be tested to ensure that the radio signal reaches the Alarm Telephone Unit reliably.

2 *Check that the Alarm Telephone Unit receives the signal*

Activate the Pullcord. Check that the Alarm Telephone Unit received the signal. If it received the signal, it will start to make an alarm call. If not, the Pullcord must be relocated.

Programme the Pullcord into the Social Alarm equipment using the appropriate user or programming guide.

3 *Fix the Pullcord into position*

The Pullcord is designed to mount flat to the ceiling using the supplied pattress. The unit must be firmly fixed so that it cannot move or vibrate.

Be careful not to disturb the delicate electronics whilst handling the Pullcord.

4 *Raise a test call*

Activate the Pullcord (by pulling the cord). Check that the Alarm Telephone Unit receives the signal. If it has received the signal, it will raise a call to the control centre.