

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 15000 operations

Declaration of Conformity

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

Model Number: 67005/65

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 10 May 2005

Associated Summary Information (05RTTE0004A) The CE mark was first applied in May 2005

869 Epilepsy Radio Transmitter Installation Guide

This guide is for use with Tunstall Epilepsy Transmitter Module 67005/65

1 **Functionality and Compatibility**

This Epilepsy Radio Transmitter Module is variant of Tunstall's Radio Output Module (67005/35) but with specific plug and play functionality.

It also has a specific interface to ensure compatibility with Emfit Epilepsy Control Units (and their associated sensing pads). It is therefore only compatible with this item (number D-1090).

Note this product must not be directly connected to the mains supply.

2 **Installation**

Programming

Programme the radio module into the appropriate Social Alarm equipment using its user or programming guide. Activate a test call to initiate a transmission.

Control Unit Mounting

Follow instructions supplied with the control unit.

Radio Module Mounting

Either:

- a) Fix velcro coins to the radio module (image 1) and the velcro strip to a suitable clean, dustfree surface. (Note that fixing to the epilepsy control unit is the neatest solution, though for maximum radio range, installation away from metallic surfaces would be optimum)

Or:

- b) Fix to the wall alongside the using the keyslots at the rear. See image 3 for template. Note that the module must not be mounted onto an electrically conductive surface if radio range is not to be impaired.
- c) In all cases connect the cable to the socket on the control unit- image 2

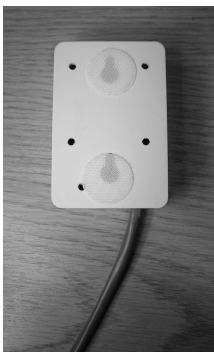


Image 1

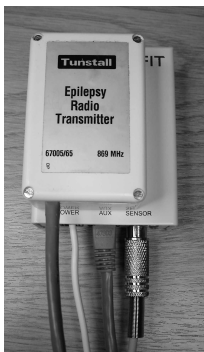


Image 2

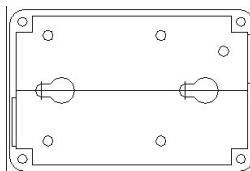


Image 3 (44mm between centres)