

Introducing the **Caresse GSM alarm**, the first Tunstall alarm with GSM connection.



Caresse GSM

Take care, anywhere

**Tunstall**

# What is the Caresse GSM alarm?

The Caresse GSM is Tunstall's first home alarm unit with an integral GSM module, enabling it to be used on a mobile phone network and in situations where no landline is available.

## How does it work?

The Tunstall Caresse GSM alarm is designed to assist people to maintain their independence in the home. The first Tunstall alarm with GSM wireless technology, the Tunstall Caresse does not require access to a landline connection but instead works by accessing the cellular mobile phone (GSM) network.

The Caresse GSM also utilises Tunstall's patented STMF protocol to ensure more reliable communication to the Tunstall emergency response centre over the GSM network.

When the Tunstall Caresse is activated in an emergency, it dials the 24 hour response centre putting the user in contact with a Tunstall telecare consultant, who will aid the client by assessing the situation and contacting the necessary parties to assist.

Each Tunstall Caresse is supplied with a amie radio trigger that can be worn on the wrist, belt or around the neck as a pendant, allowing the user to activate an alarm call from anywhere in the house, without having to struggle to a phone.

Alternatively, the alarm can be activated by the button on the base alarm unit. Once an alarm call is raised, the user can then speak hands free with the telecare consultant who

will summon the appropriate help.

The Tunstall Caresse includes one hard wired connection and interfaces with 15 radio sensor inputs, allowing it to monitor a wide range of specialty sensors in the home.

Passive infrared sensors can even be added to monitor movement and departure from the premises. Create a 'smart home' environment, where the home is able to monitor certain events and activities to ensure the safety of its residents.

Using plug and play technology, sensors can be easily added, catering to the changing needs of the individual client, without the need for specialist knowledge or assistance.

## Who is it for?

The high degree of flexibility offered by the Tunstall Caresse GSM alarm means a wide variety of users can benefit from the state of the art technology, including:

- Older or disabled people who are becoming progressively less stable
- Individuals who have been discharged from hospital and require additional support
- People working alone
- Those with long-term conditions such as diabetes, dementia and heart disease.

# STMF technology

The Caresse GSM incorporates the Tunstall patented STMF (Sequential/Single Tone Multi Frequency) technology that helps to ensure its products continue to operate effectively on next generation and GSM networks.

Key features	Caresse GSM
<b>Away mode button</b> – suspends inactivity monitoring and switches to intruder monitoring mode	✓
<b>Intruder alarm functionality</b> – a simple to use zoned intruder system that can be armed by a press of a personal radio trigger to give additional user protection and reassurance against the fear of crime	✓
<b>Basic inactivity monitoring</b> – checks for inactivity over a 12 or 24 hour period	✓
<b>Event based configuration</b> – all events are configurable to select the required behaviour and response to events	✓
<b>Reminder facility</b> – reminds the user about key information e.g. medication times through the use of automatic reminder messages that require user confirmation for added peace of mind	✓
<b>User recordable messages</b> – allows messages to be recorded and used to replace fixed phrases for reassurance and reminder purposes	✓
<b>Advanced inactivity monitoring</b> – increases the flexibility of inactivity monitoring by allowing for inactivity to be checked over two separate time windows	✓

## Safety features

- 312 MHz frequency – compatible with Tunstall's full range of telecare sensors
- Radio reliability – the EN300 220-2 (2010) Category 1 radio receiver ensures that signals from sensors are reliably received
- Backup battery monitoring – unit reports the status of its backup battery to the monitoring centre\*
- SMFT protocol – to ensure more reliable communication

## Programming and installation features

- Plug & Play registration – telecare sensors can be assigned quickly and easily, together with their location within a dwelling, reducing installation times
- Local programming – basic parameters and quick codes can be carried out using a normal telephone handset (via integral keypad)
- Range test and walk test features – allow the radio range of the pendant and telecare sensors to be easily tested
- 12 telecare sensor inputs – the number of sensors that can be linked to the home unit

## Service support features

- Intelligent speech switching – ensures the best quality of speech depending on how the alarm was generated
- Configurable audible ringing – can be set up to get progressively louder the longer the call goes unanswered

- Automatic audible warning alerts – the unit alerts the user to mains and telephone line failure/resumption with a visual or audible and visual signal
- Easy switching between hands-free and handset mode – hands-free calls can easily be made private by picking up the handset of an attached telephone
- Optional local audible warnings – non-critical warnings such as mains failure can be turned off at night to avoid disturbing the user
- Technical call queuing – if the telephone is in use, noncritical calls (e.g. low battery warning) will be queued until after the call has ended, thereby not interrupting your call

## Connectivity features

- Hardwired input – for connection from other devices (via AUX port)
- Integrated GSM function – enables the home unit to send alarm calls and receive incoming telephone calls by fitting a mobile phone SIM card to the home unit

## Technical details

### Caresse GSM alarm unit

**Weight:**

777 g

**Dimensions: (LxWxD)**

195 x 215 x 36mm

**Radio Frequency:**

312 MHz frequency band

**Radio Range:**

Up to 50m in buildings, up to 125m outside of buildings (line of sight)

**Mains Power:**

240V AC 13A electrical socket

**Standby Battery:**

1200mAh capacity (continuously internally recharged)

**Backup Battery Time:**

AS4607 compliant 40 hours

**Operating Temperature Range:**

0°C to 45°C (Storage -10°C to 50°C)

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## Standards

**GSM:**

QUAD band 850/900/1800/1900MHz

**EMC:**

EN55022: 1998, EN55024:1998, EN50130-4: 1995,  
EN 301489-1: 2008, EN 301 489-3:2002

**Safety:**

EN 60950:2006

**Radio:**

ETSI EN 300 220-2 (2010) Category 1

**CE\*:**

Compliant

**Design, Manufacture Installation and Service**

ISO9001:2008, AS4607

**Warranty:**

12 month warranty

**Part Number:**

Caresse GSM & Amie 56000/320

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