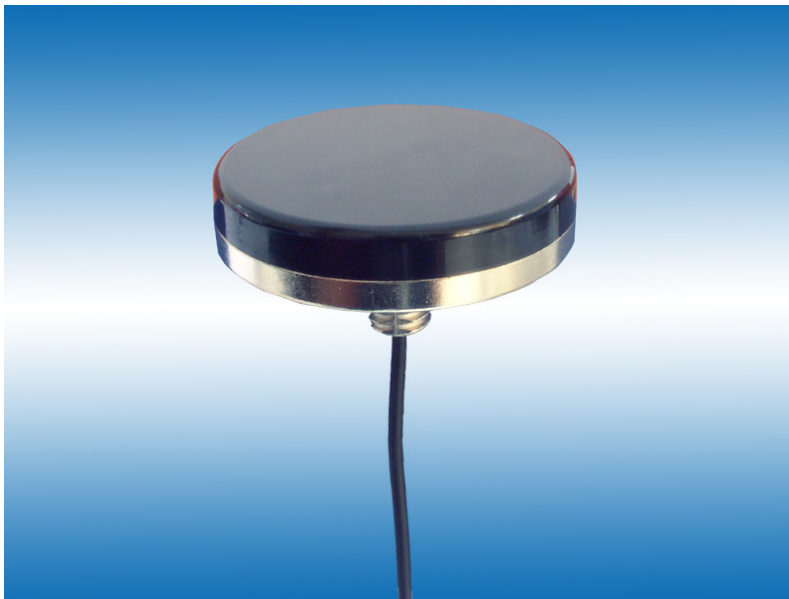


# GSM Antenna

## GSM-3C

### User Manual



#### Version A

August 28 2008

© San Jose Navigation, Inc.

#### **SANJOSE TECHNOLOGY, INC.**

11F, NO.2, SEC. 4, JHONGYANG RD., TUCHENG CITY

TAIPEI COUNTY 236, TAIWAN (R.O.C.)

TEL: 886-2-22694456

FAX: 886-2-22694451

WWW.SANAV.COM

©2008 San Jose Technology, Inc. All specifications subject to change without notice.



## Content

<b>CHAPTER 1 OVERVIEW .....</b>	<b>3</b>
1.1 PACKAGE CONTENT .....	4
<b>CHAPTER 2 SPECIFICATION .....</b>	<b>4</b>
<b>CHAPTER 3 WARRANTY .....</b>	<b>5</b>

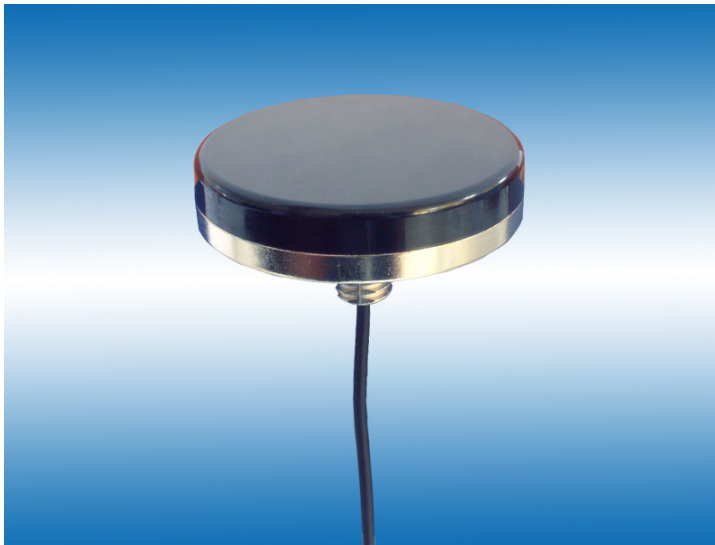
©2008 San Jose Technology, Inc.  
All specifications subject to change without notice.

## Chapter 1 Overview

# Dual-Band Antenna Series

## MODEL: GSM-3C

A combination of both GPS and GSM antennas that is designed mainly to simplify the need for an AVL or Fleet Management antenna system



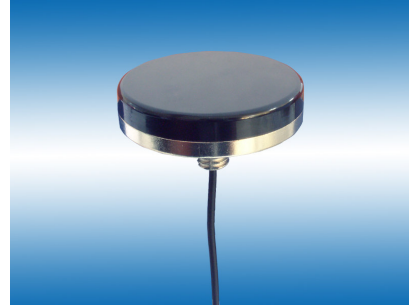
**This GSM-3C**, a member of our mobile antenna series, is designed to simplify the need for an AVL or Fleet Management antenna systems. The low profile GSM antenna is highly ideal for those applications that require durability, small in size, covert installation and ruggedized construction, such as covering vehicle roof and trunk lid interior deck or dashboard.

### Features

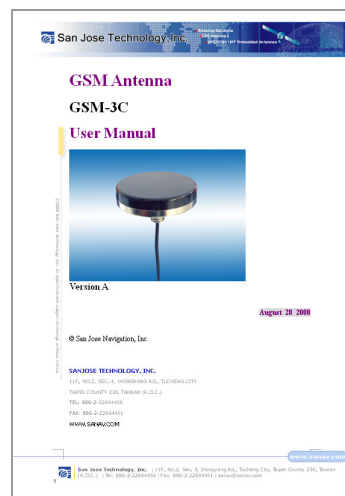
- Low Noise Figure
- Fully Weatherproof
- Ultra-high Sensitivity
- Compact Construction
- Excellent Temperature Stability

## 1.1 Package Content

### 1. GSM-3C Body



### 2. User Manual



## Chapter 2 Specification

GSM Antenna	
Features	Dual band GSM 900/1800 MHz
Size	64.5mm(D) x 14mm(H)
Frequency	880~960 & 1710~1880 MHz
Gain	1.7 dBi
Band Width	70 MHz for frequency of 890~960 MHz 170 MHz for frequency of 1710~1880 MHz
VSWR	≤ 1.5
Impedance	50 ohm
Power Supply	Power Handling Capacity: 10 W
Cable & Connector	3m RG-174 SMA Connector
Operating Temperature	-40°C ~ +85°C
Storage Temperature	-45°C ~ +100°C

(\*PS: The specification is subject to change without prior notice)

**Welcome custom design for AMPS frequencies!**

## Chapter 3 WARRANTY

### LIMITED WARRANTY

SANJOSE NAVIGATION, INC. expressly warrants that for a period of one (1) year from the date of purchase. Our accessories will be free of defects in material (parts) and workmanship (labor). Within the warranty period, a unit will be tested, repaired, or replaced at our option at no charge.

If your unit is out warranty, we will quote repair charges necessary to bring your unit up to factory standards.

### THIS WARRANTY APPLIES ONLY TO ORIGINAL PURCHASE

Any unit under warranty should be shipped prepaid to our factory. Warranty replacements will take approximately ninety (90) days.

### WARRANTY EXCLUSION

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

### LIMIT OF LIABILITY

In no event will San Jose Navigation, Inc. or any seller will be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, users shall determine in the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

### PURCHASER'S DUTIES

The purchaser must return the unit postpaid, with proof of the date of original purchase with the return address to:

#### **SANJOSE TECNOLOGY, INC.**

11F., NO.2, SEC. 4, JHONGYANG RD., TUCHENG CITY  
TAIPEI COUNTY 236, TAIWAN (R.O.C.)

TEL: 886-2-22694456

FAX: 886-2-22694451

[WWW.SANAV.COM](http://WWW.SANAV.COM)

TECHNICAL SUPPORT: [SANAV104@SANAV.COM](mailto:SANAV104@SANAV.COM)

