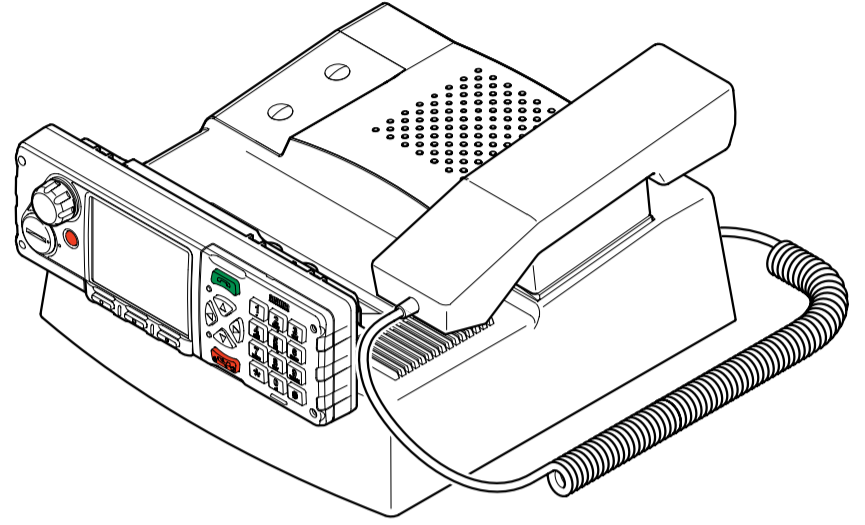


Desk Mount Unit Installation Guide

SCG22 Series Transceiver



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Disclaimer

Sepura's policy is to continually improve its products. The features and facilities described in this document were correct at publication, but are subject to change without notice.

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SPR-DOC-04496 2.0 (English)

- Single Console
- Single Console + SD Card
- Single Console + Bluetooth Wi-Fi + SD Card + ESM
- Single Console + Bluetooth Wi-Fi + SD Card + ESM

The following variants of the SCG22 are compatible with the Desk Mount Unit:

Note: Sepura supply a range of SCG22 mobile radios to suit various installations. Contact Sepura for information and part numbers of the SCG22 that suits your installation.

SCG22 Variants

For more information, see "Cabling the SCG22" on page 5.

The SCG DMU Cables / Kit (300-02016) is required to integrate the SCG22 into a Desk Mount Unit. The kit consists of two cables to connect power, loudspeaker and IO to the D-connectors on the rear of the SCG22.

SCG DMU Cables / Kit

Note: For more information including audio and PT accessory options, see the Product Bulletin - SRG39 and SCG22 Series Accessories, MOD-20-2351.

Part no.	Equipment	300-00065
As advised	SCG22 Mobile Radio	300-02009
As advised	Sepura Colour Console 3 (SCC3)	300-00730
390-00006	Antenna, magnetically mounted, control room	300-00989
390-00004	Antenna, fixed building	300-00688

The following equipment is required for a basic installation of the Desk Mount Unit.

Additional Equipment

Part no.	Description	Qty	Containing:
300-01117	Desk Mount Chassis assembly	1	Polythene bag, containing:
300-00067	Console Pivot Mount Kit	1	
700-00212	Audio Accessory Link Cable (fitted)	1	
300-00077	Power Supply Unit including regional power cables	1	
M4x30 Pos Pan, Zinc/Clear pas Screw		2	
M4x12 Pos Pan, Zinc/Clear pas Screw		2	
M3 Full Nut, Zinc		4	
M4 Full Nut, Zinc		2	
Plastic Hole Plug, 3.3mm Hole		4	
Plastic Hole Plug, 5mm Hole		2	

The following items are supplied with the Desk Mount Unit (part no. 300-00073 or 300-01975):

Parts Supplied

When the product is connected to its main supply, the back-up battery will charge regardless of whether the product is powered on or not. The charge period for a full charge may be up to 48 hours. The battery may have discharged during the manufacturing process or if the product has been in storage for some time. The event that the main power to the product is removed.

The SCG22 mobile radio has a small rechargeable internal back-up battery. This battery powers the internal Real Time Clock in the SCG22.

CAUTION! This equipment contains a backup battery. The battery must not be replaced by the user. The equipment must be disposed of using correct WEEE requirements. The equipment must not be dismantled, or left in any extreme environmental conditions.

Mobile Radio Internal Back-up Battery

Important Information

The Desk Mount Unit is designed to provide an integrated Mobile Radio desktop solution, suitable for office or control room environments. The unit has a built-in loudspeaker and is supplied with a Power Supply Unit (and power cable), and cabling for the attachment of the SCC3. A Pivot Mount Kit provides support for the SCC3, allowing operators to adjust the viewing angle. Additional equipment is required for a basic installation of the Desk Mount Unit. The SCG22 slots into the back of the unit, and has a separate external power supply. The SCC3 is connected to the SCG22 and attaches to the front of the Desk Mount Unit using the pivot mount supplied. There are various optional audio accessories available such as a Handset and First Microphone that can be connected. A suitable antenna must be connected to the SCG22.

Introduction

READ ALL THE INSTRUCTIONS before attempting to install the SCG22. If you do not understand the instructions, STOP and contact your service provider or Sepura for assistance.

- CAUTION!** Only use hand tools and do not over-tighten screws and fixings.
- CAUTION!** Risk of product damage. When carrying out installation requiring the removal of product covers, ESD precautions must be taken.
- WARNING!** This equipment is not suitable for use in locations where children are likely to be present.

Installation Precautions

Unpack the container(s) and ensure that all items specified on any delivery note are present and received in good condition. If any of the goods are damaged or not supplied, contact your service provider within 10 days of receipt of equipment. Consoles or accessories are not shipped in the container with the SCG22 mobile radio due to the many combinations available. ALWAYS keep documentation supplied with the product for future reference and pass on to any person who is responsible for operating the product.

Regulatory Compliance
This product must be installed in accordance with national and local radio communications authorities and/or Health and Safety regulations. This product may affect public broadcast radio, security code alarm systems and some engine management systems.

Operation
It is the responsibility of the person operating the product to ensure that it is operated safely at all times, and that local laws and regulations governing the usage of Radio Frequency (RF) wireless devices are observed. Obey all signs and instructions relating to the usage of RF wireless devices.

Exposure to RF Energy
Sepura designs and manufactures products to meet strict guidelines and international standards relating to Radio Frequency (RF) energy and the potential health risks associated with using RF wireless devices. If you have any concerns relating to long term health risks associated with using RF wireless devices, you should obtain advice from your employer.

Information about Safety
ALWAYS POWER OFF the mobile radio in environments where RF wireless devices could potentially cause an explosion. Potentially hazardous areas are not always signed. Obey all signs and instructions relating to the usage of RF wireless devices. In order to reduce the risk of RF burns, the antenna must always remain connected when the equipment is powered on. DO NOT touch the antenna when the mobile radio is powered on. DO NOT connect the antenna whilst the equipment is powered on. Potential risk of burn injury. DO NOT touch the heatsink fins when the transceiver is powered on. ONLY fit an approved accessory. If a non-approved accessory is fitted, it may compromise the product safety ratings and may void any product warranty.

Important Information
DO NOT attempt to dismantle this product. Servicing and repairs to this product must be performed by trained service technicians at Sepura approved service centres.

Safety Information

READ THE TETRA PRODUCT SAFETY GUIDE (SPR-DOC-00170) SUPPLIED WITH THE SCG22 FOR IMPORTANT INFORMATION ABOUT SAFELY OPERATING THIS PRODUCT.

- Full safety information
- Parts supplied
- Fitting a SIM Card or SIM card reader
- Cable and connection information
- Connecting leads

The Mobile Radio Full Installation Guide (SPR-DOC-04384) provides all the additional information and instructions required to install the SCG22, including:

with the Mobile Radio Full Installation Guide.
The Desk Mount Unit Installation Guide provides critical safety information and instructions for installing the SCG22 into a Desk Mount Unit (DMU). It is intended to be used in conjunction

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To view, download or print the Mobile Radio Full User Guide, visit:

- Full safety information
- Parts supplied
- Fitting a SIM Card or SIM card reader
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