

OUTSTANDING ALL-WEATHER PERFORMANCE

IP67 Ultra CSM

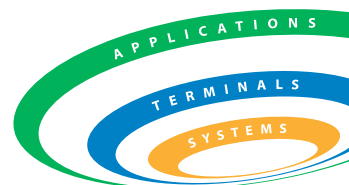
CONTROLLER SPEAKER MICROPHONE



Offering unique all-weather performance and outstanding audio quality, the market-leading IP67 Ultra CSM is compatible with STP8000 and STP9000 series radios.

sepura

Going further in critical communications



With environmental sealing and a tough, polycarbonate shell, the IP67 Ultra CSM provides outstanding all-weather performance and superlative audio, no matter how harsh the conditions. Its ergonomic design makes it easy to operate, even with gloved hands or in poor light.

The IP67 Ultra RSM has all the features of the IP67 Ultra CSM, except talkgroup rotary control.



ROTARY CONTROL

Gives access to up to 15 talk groups, both DMO and TMO

EMERGENCY LED

Allows rapid location of users in distress

IP67 ENVIRONMENTAL SEALING

Provides protection against the harshest climatic conditions

PROTECTED FRONT AND SIDE PTT BUTTONS

Provide easy access whilst avoiding accidental operation

TOUGH, UL-94 V-0 FLAME-RETARDANT CASING

EMERGENCY BUTTON

Protected against accidental use

SPEAKER CONTROL

Permits instant volume adjustment and speaker activation when a headset is connected

PROGRAMMABLE SOFT KEYS

Fully configurable in Radio Manager, for both short- and long-press operation

NEXUS CONNECTOR

Supports connection of both half- and full-duplex headsets

3.5MM CONNECTOR

Supports connection of earpieces

IP67 ULTRA CSM: TECHNICAL SPECIFICATIONS

PHYSICAL SPECIFICATION

Size: body only (WxLxD) 74mm x 129mm x 36mm
 Weight: 245g
 Cable length (nominal): 550mm
 Cable length (extended): > 1550mm
 Cable pull strength: 50N min. applied axially
 Bend strength: 50,000 bend cycles
 Material: polycarbonate
 Flammability rating: UL-94 V-0 (body, cable & strain relief)

CONTROLS

Front-facing:
 +/- soft keys
 Large PTT (area >1170mm²)
Top-facing:
 Emergency button: orange
 Alt key
 Loudspeaker rotary
 16-position selector (Ultra CSM only)
Side-facing:
 PTT

INDICATORS

Red/green LEDs: status indication
 Orange LED: alternate function status
 White LED: emergency

LOUDSPEAKER

Impedance: 8 Ohm
 Diameter: 45mm
 Power handling: 2W maximum
 Sensitivity: >90dB SPL 0.5W 0.2m@1kHz
 Frequency response: 300Hz-4kHz

MICROPHONE

Omnidirectional electret microphone with water rejection
 Nominal sensitivity: -40dB (rel 1V/Pa@1kHz)
 Frequency response: 100Hz-3.3kHz

CONNECTORS

Sepura sRAC plug compatible with STP8000 & STP9000 series radios
 Headphone socket: 3.5mm jack compatible with mono or stereo earpiece accessories
 Headphone impedance: min. 16 Ohm
 Nexus socket: 4-pole (Savox or Peltor interface)

SUPPLY

Supply voltage: 3.6V (nominal) supplied from host radio
 Current in standby: 2.7mA

ENVIRONMENTAL

Operating temperature range: -40°C to +85°C
 Storage temperature range: -40°C to +85°C
 Ingress protection: IEC529 IP67

CONFORMANCE

Emissions: ETSI EN 300 394-1
 Immunity: ETSI EN 301 489-1 & ETSI EN 301 489-18
 Radiated: EN 61000-4-3
 ESD: EN 61000-4-2

BEZEL OPTIONS

PTT protective bezel, black (300-01150)

FIXING OPTIONS

Heavy-duty rear clip (300-01151)
 Standard-rear clip (300-01149)

PRODUCT VARIANTS

IP67 Ultra CSM Savox interface (300-01123)
 IP67 Ultra CSM Peltor interface (300-01152)
 IP67 Ultra RSM Savox interface (300-01124)
 IP67 Ultra RSM Peltor interface (300-01153)

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

