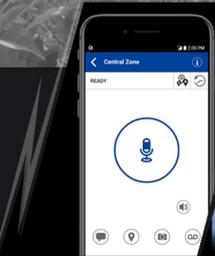


# S-TAG

Sonic Tactical Audio Gateway



**"..COMMUNICATIONS  
WITHOUT BOUNDARIES.."**



*Smartphone  
VoLTE*



*Fixed*



*Mobile*



*Satellite  
(PTT)*



*Transportable*



*PMR, DMR  
P25, TETRA*



*Military*

# S-TAG

Sonic Tactical Audio Gateway



The Sonic Tactical Audio Gateway (S-TAG) has been designed to fulfil a gap in the market for a reliable, versatile and cost effective solution, to allow the connection and gateway function between a wide range of communications devices, mobile, portable and fixed and to be agnostic to the frequency, modulation or encryption methods employed by such equipment's.

Setting up and operation is designed to be simple and once configured, does not require the use of a PC or specialised knowledge of IP or radio theory to control it and full training and information is available on how to configure S-TAG and how to set up an effective voice bridge.

S-TAG allows the connection of disparate communications systems to provide interoperability between organisations in any scenario where combined operations are necessary,

but different communications systems are being used and is compatible with all commercial PMR, TETRA, DMR, P25, Satellite (PTT) devices and Military radios.

S-TAG can interface between 3 communications devices, 2x HF, VHF, UHF radios or BLoS satellite PTT terminals, in any combination and any PTT over Cellular (PoC)/VoLTE solution running on a standard SmartPhone, such as Wave, Zello or any other suitable application that allows a remote audio accessory connection via its 3.5mm earpiece socket. Connection to SmartPhones can also be offered via USB (for compatible devices) or by Bluetooth, if a wireless connection to the SmartPhone is required. S-TAG provides a USB charge output for the SmartPhone to ensure its battery remains charged and power for S-TAG can be provided either from the connected devices or a separate DC supply. No additional license or costs are required to allow the use of all 3 ports.

Each connected device can be selected to participate in the "Gateway" connection, or de-selected during an operation as required, using the individual Net selection buttons on S-TAG, with an overall gateway On/Off switch, to quickly enable or disable the gateway function if required.

A local engineering audio device, such as a fist microphone, handset or headset with PTT can be connected to S-TAG, to allow an operator to monitor and transmit out on selected Nets, which can be configured as required using the individual front panel Net selection buttons.

Connecting cables are available for a wide range of communication devices, with any level adjustments or other device specific requirements being carried out using the supplied PC software connected to the gateway via its USB socket, which is also used to carry out any future firmware updates.

Various additional packaged solutions are also available, including the integration of S-TAG into mobile radio transportable stations, backpacks, fixed stations and also to integrate S-TAG into overt or covert vehicle installations, providing a mobile gateway to link a team operating on their closed radio Net, to another team, or to a remote Ops room over a VoLTE or Satellite system such as Iridium PTT and allow them to monitor only or participate as required. For such installations, S-TAG also provides a wired remote-control unit, allowing all the functions available on the gateway front panel to be made available at the front of the vehicle, with the S-TAG and associated radio equipment, located at the rear of the vehicle.



www.sonic-comms.com | info@sonic-comms.com

Tel: +44 (0) 121 781 4400 | Fax: +44 (0) 121 781 4402

Sonic Communications (Int) Ltd, Birmingham International Park, Starley Way, Bickenhill, Birmingham, B37 7HB, England

