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JUMA Communications Ltd is a UK based company whose mission is to supply our customers a full range of quality audio accessories for the professional radio user, at affordable prices.

Our solutions range from fire ground applications and tactical response teams, through covert and public order protection, through to heavy and light industrial / commercial users.

In addition to our standard range of products we can offer a bespoke modification service to tailor a solution to users individual requirements.
For deep covert applications (BT1-COV) this system is fitted with Bluetooth 4.2v and LTE / ESN compatible. Comprising of an interference free wireless earpiece, neckloop with built in microphone, and car key style wireless PTT.

Bluetooth TAC-PTT (IP67)  
Coming Soon

IP67 rated push to talk switch (BT-TAC-PTT) fitted with Bluetooth 4.2v and LTE / ESN compatible. A chassis mounted Nexus socket allows for the connection of the 3M Peltor ComTAC headset for tactical use, lightweight behind head tactical headset for command & control roles, and a basic earpiece/microphone for general patrol use.

Bluetooth JJ-760  
Coming Soon

Multi-purpose speaker microphone (BT-JJ-760) fitted with Bluetooth 4.2v and LTE / ESN compatible. Containing all the features of the standard product including top mount & large front facing PTT switches, noise cancelling microphone, and Nexus headset socket. Additional features of wireless PTT, and auto switching microphone amplifiers can be added to the system.

Bluetooth Covert  
Coming Soon

For deep covert applications (BT1-COV) this system is fitted with Bluetooth 4.2v and LTE / ESN compatible. Comprising of an interference free wireless earpiece, neckloop with built in microphone, and car key style wireless PTT.
Bluetooth Semi Covert

For semi covert applications (BT-WECK) this system is fitted with Bluetooth 4.2v and LTE / ESN compatible. A range of acoustic tube, D & G shaped earpieces with in-line microphones can be attached to this device.

Bluetooth Speaker Microphones

A range of Speaker Microphones including the BT-RSM65 are fitted with Bluetooth 4.2v and LTE / ESN compatible. The RSM65 is fitted with 3.5mm earphone socket, and Emergency button feature.
CARRYING SOLUTIONS

JCH-1 Shoulder Harness
Unisex shoulder harness with adjustable straps can be worn on either side of the body. Pockets have double lockable zips, and with rubber ends to avoid excess noise in the event the wearer is actively mobile. Available in black, or white material.

JCH-100 Covert Vest Harness
Full covert vests for both male, and female, in various sizes. Versions are available with a zip front, or as a pull over style. Available in black, or white material.

JTH1 Thigh Harness
Unisex thigh harness can be worn on either leg, with adjustable waistband, and adjustable straps to give a comfortable fit. Made of lightweight wick-able fabric keeps perspiration away from the body.
JTH-250

IP67 Single sided headset with noise cancelling boom microphone. Supplied with adjustable head strap for use beneath Ballistic helmets in a CROPS / CBRN environment.

Fitted with a quick release Nexus connector, this will interface to all JUMA PTT units, and Multi-purpose speaker microphones.

J-BCM1 Skull Microphone

The J-BCM1 Skull Mic consists of a Loud Ambient Speaker, and Bone Conduction Microphone which has been optimized for use on Tetra & DMR radio platforms. Supplied with fixing head strap, and female/male Velcro, the BCM1 can be fitted to most fire fighting helmets on the market.

The J-BCM1 is fitted with 4-pole Nexus connector, and interfaces to the JUMA 80mm Body PTT unit, or our JJ-760 multi-purpose speaker microphone.

J-BCHS1 Bone Conduction Headset

The BCHS1 headset consists of an adjustable lightweight behind the head headband, and dual bone conduction sensors that are positioned on the users cheeks (just in front of the ear). These sensors directly transfer vibration signals to and from the ear and vocal cords through the facial bones. So as well as being able to receive and transmit on the radio, the user also has their ears free and full spatial awareness. This product is ideal for use within a CBRN environment, or when used within a fully encapsulated PPE suit.

Fitted with a quick release Nexus connector, this will interface to all JUMA PTT units, and Multi-Purpose speaker microphones.

This product is IP56 rated.

J-BHTH

The J-BHTH headset comprises a behind the head adjustable neckband, earpiece speaker and Noise cancelling Boom Microphone. Both are fitted with replaceable protective foam covers.

A heavy-duty down-lead with internal Kevlar terminates in a quick release Nexus connector that will interface to all JUMA PTT units, and Multi-purpose speaker microphones.

An IP67 version of this headset is available for harsh working environments.
The JJ-750 is a heavy-duty speaker microphone. The Rubber sealed housing design making it extremely durable against impact, and water ingress. Fitted with an 8-position 360 degree rotating belt clip the JJ-750 also features volume up/down control buttons, 3.5mm threaded earphone socket, and emergency button for supporting radio models.

All units feature heavy grade industrial jacketed cables and excellent strain reliefs for maximum life in the field.

The JJ-760 circuitry has been specifically designed for optimum performance on Tetra, and DMR radio models. Fitted with 2 PTT (Push To Talk) buttons. Button 1 is located on the topside housing. Button 2 is a large front facing PTT that is also part of the speaker housing. This is ideal for users operating with big gloves. The rubber sealed housing make it extremely durable against impact, and water ingress, combined with the large speaker element means that it performs very well in loud environments.

A Nexus connector is fitted into the top panel which allows the connection of JUMA headsets, and other manufacturer’s headsets on the market. The internal amplifier also allows for connection of Bone & Ear Microphone systems typically using low level microphone circuits.

The JJ-770 is a heavy-duty speaker microphone. The sealed housing design making it extremely durable against impact, and water ingress. Fitted with an 8-position 360 degree rotating belt clip the JJ-770 also features hi/low volume control, 3.5mm earphone socket, and emergency button for supporting radio models.

All units feature heavy grade industrial jacketed cables and excellent strain reliefs for maximum life in the field. This product is IP67 rated.

The S720 is a lightweight speaker microphone. The slip proof ribbed sides make it extremely comfortable to operate. Fitted with an 8-position 360 degree rotating metal belt clip. High quality condenser microphone, and large speaker produce excellent audio quality. A 3.5mm earphone socket is fitted allowing connection of various earpieces.

All units feature heavy grade industrial jacketed cables and excellent strain relief for maximum life in the field.
**Dual Radio Interface RSM**

Incorporating the JJ-760 housing this product allows for the connection of 2 radio systems. The radio down-leads can either be hard-wired, or fitted with in-line military grade connectors, the benefit being the ability to switch between different radio models, and reducing the wear & tear of constantly taking connectors on/off the radio.

Software driven the mixing of incoming and transmitted audio signals can be tailored to the users specifications.

The Nexus headset socket can be configured to accept a multitude of heavy-duty, tactical, and semi covert audio accessories.

Additionally our latest Tone Generation system, and wireless PTT receiver modules can be added to the system.

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**TAC-PTT (IP67)**

Comprising of a radio connector, and heavy-duty lead up to an in-line tactical PTT unit. The large surface button makes it easy to use, even with gloves, and under clothing.

Military standard quick release NeXuS socket allows connection of various headsets.

An additional 3.5mm socket allows connection of remote finger PTTs that can be activated without having to move the hand to the large PTT.

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**TAC-PTT Plus (IP67)**

Additional features from the standard TAC-PTT include optional Tone Generation system, and wireless PTT receiver modules.

A 2nd Nexus socket can be added to the system allowing for connection to the speech port on respirators like the Avon C50/FM53. The internal audio switching circuit takes Tx audio from the respirator whilst channelling Rx audio to the attached headset. Once the respirator lead is disconnected all Tx/Rx audio is routed back to the attached headset.

Military grade connectors can be fitted to the TAC-PTT down-lead. We then provide a variety of radio leads with the matching military connector so the TAC-PTT hardware can be switched between radio models easily helping to reduce overall system costs for the user should they be operating multiple radio models, or looking to refresh to a newer radio model in the future.
50mm PTT with Waterproof Wireless PTT Option

Comprising of a multi-pin radio connector, and heavy-duty lead to a 50mm Body PTT (push to talk), with rugged clothing clip. An encrypted wireless receiver inside the PTT housing is paired to a waterproof wireless PTT. The wireless PTT is supplied with a rubber mount, and Velcro making it ideal to mount on to handlebars, gearshifts, or around the wearer's hand. From the Body PTT is a short lead to a Nexus headset socket. Most Juma Headset products are compatible with this item.

80mm Body PTT

Comprising a radio connector, and heavy-duty lead to an 80mm Body PTT (push to talk), and rugged clothing clip. From the Body PTT is a short lead to a Nexus headset socket with protective cap to stop water/dirt ingress for when a headset is not connected.

Special versions are available with built in amplifiers.

Tactical Style Throat Mic

Next generation Throat Microphone fitted with anti-slip coating on the dual sensor microphone’s ensure optimum audio pick-up of the voice, whilst providing comfort for the wearer when operating over long work periods and is ideal for use in high noise environments or decontamination suits.

The adjustable “click shut” strap across the front of the neck band is optional, but if using this device it provides positive pressure of the TM sensors against the neck. This allows further enhanced pick-up of the human voice on transmission.

The Throat Mic down-lead is fitted with modified 4-pole Nexus connector allowing correct fitment through the weather proof seal of the Dectcom II, Juma PTT units, and JJ-760.
Rugged Breeze Headset (S4-BA2/RG/NP)

Comprising a behind the head neckband, earpiece speaker and Noise Cancelling Boom Microphone fitted with protective windsock. Available with transition inline PTT and connection direct to Radio or fitted with Nexus connector for use with our 50mm, 80mm Body PTT, or JJ-760.

Rugged Breeze Headset with Waterproof Wireless PTT (J4-BA2/RG/WP/xx)

Comprising an adjustable behind the head neckband, with earpiece speaker, and noise cancelling boom microphone fitted with protective windsock, the in-line Body PTT (Press To Talk) complete with rugged clothing clip, houses an encrypted wireless receiver which is paired to a waterproof wireless PTT. The wireless PTT is supplied with a rubber mount, and Velcro strap making it ideal to mount on to handlebars, gearshifts, or around the wearer’s hand.

Medium Weight Adjustable Headset (S4-LWHS/NP)

Comprising an adjustable overhead band, earpiece speaker, and 280 degree adjustable Boom Microphone fitted with protective windsock. Available with inline PTT and connection direct to Radio, or fitted with Nexus connector for use with our 50mm, 80mm Body PTT, or JJ-760.

High Attenuation Headset (J-HAH/xx)

Providing certified hearing protection for extremely noisy environments. This headset comprises a noise cancelling electret microphone, with quick disconnect connector, ear cushions with liquid filled sealing ring that can be replaced by hand, making it easy to service in the field. The PTT (push to talk) button is located on the right ear-cup. Various radio leads can be connected to the headset by way of a quick release XLR connector. This is an ideal solution if you have multiple types of radios in use.
BLUETOOTH PRODUCTS

Bluetooth Dongle (JBD)
Available for most two-way radios on the market. Depending on the radio model the BT dongle either takes power directly from the radio (no excessive battery drain), or has its own internal battery (14hrs of continuous talk-time between chargers). Our BT dongles allow connection of a BT enabled headset, and a BT wireless PTT simultaneously.

Bluetooth Dongle for Mobile Radios (JBTM)
Connecting to the mobile radio via the front RJ45, or rear multi-pin connector (depending on radio model) the BT dongle allows connection of a BT enabled headset, and a BT wireless PTT simultaneously. The dongle itself is also fitted with a PTT. If operating a wireless PTT the range from the dongle can be up to 10M.

Bluetooth Wireless PTT (BT-PTT)
Bluetooth Wireless PTT is for use with BT dongles on portable, and mobile two-way radios. Ideal for users who wish to transmit their radios discreetly, or are operating machinery. The eradication of a trailing wire to the PTT make it safer, and easier to operate.

Bluetooth Wireless PTT (BT-PTT2)
This 2nd generation BT-PTT is fitted with a USB connector so charging can be carried out directly from any USB fitted device.
Bluetooth Lightweight Headset (HS-701)

Lightweight cellular style Bluetooth Headset for use with BT dongles on portable, and mobile two-way radios, as well as other Bluetooth enabled devices.

Push to talk of the radio can either be from the PTT on the BT dongle, or via the separate Bluetooth wireless PTT.

Bluetooth Wireless Earphone Connection Kit (BT-WECK)

IP55 Wireless Earphone Connection Kit for use with BT dongles on Motorola DMR & Tetra Terminals. Incorporating a large PTT button, and Earpiece/Mic socket compatible with Motorola NNTN8191 (M12) accessories. Dual Pairing to radio, and cellular devices. 128 bit encryption, and 10M range from Bluetooth device.

Bluetooth Speaker Microphone (BT-RSM70)

IP56 Speaker Microphone for use with BT dongles on Motorola DMR & Tetra Terminals. Side & Large Front Facing PTT buttons. High / Low volume control, and earpiece socket compatible with Motorola NNTN8191 (M12) accessories.

Dual Pairing to radio, and cellular devices. Up to 40hrs talk-time between chargers. Available soon with pairing to POC applications like Zello, Voxer, and Instant Talk.

Bluetooth Bone Conduction Headset (BTHG40)

Behind the head Bone Conduction Bluetooth Headset for use with BT dongles on portable, and mobile two-way radios, as well as other Bluetooth enabled devices.

Push to talk of the radio can either be from the PTT on the BT dongle, or via the separate Bluetooth wireless PTT.
Budget Level Wire Kit (J1-ELWK/xx)

From the radio specific connector 1 lead runs up to a microphone, and PTT (push to talk) unit housed inside a robust moulding. This is fitted with a spring clothing clip for attaching to the wearer’s lapel. Lead 2 continues from this housing up to a polarized DIN plug. This allows the user to choose the style of earpiece they prefer.

EARPIECE OPTIONS:

EM2-DIN  MP3-DIN  TUBE-DIN  330-DIN

1 Wire Kit (J-1W/BLK/xx)

Listen only acoustic tube earpiece kit. Available with connections direct to the radio, or to the socket of a remote speaker microphone. The earphone cable is fitted with a mini DIN plug allowing easy replacement of the speaker element. A rugged clip to attach to the wearers clothing is fitted to the speaker element housing, and the acoustic tube and silicon eartip have quick release connections allowing easy change over and extended durability. Alternative ear inserts are available.

2 Wire Kit (J-2W/BLK/xx)

Consisting of 2 cables exiting the radio connector. Cable 1 runs up to a speaker, and acoustic tube earpiece similar to that found on the 1 wire kit. The 2nd lead fitted with a microphone & push to talk switch is supplied with sufficient cable to place on the wearer’s lapel, or run down the sleeve and mount onto the shirt cuff.

It is possible to upgrade this product for use with a wireless earpiece. The speaker and acoustic tube can be removed at the DIN plug point. A neck loop inductor is available to connect (see Pluggable Inductor section).
Neckloop Inductors are available for converting our semi covert 1, 2, and 3 wire kits into fully covert systems. Removing the acoustic tube and speaker off the semi covert wire kits, and fitting this Neckloop Inductor in place allows for use with covert wireless earpieces.

Pluggable Inductor (JC-Loop)

Neckloop Inductors are available for converting our semi covert 1, 2, and 3 wire kits into fully covert systems. Removing the acoustic tube and speaker off the semi covert wire kits, and fitting this Neckloop Inductor in place allows for use with covert wireless earpieces.

3 Wire Kit (J-3W/BLK/xx)

The 1st lead incorporates the same earpiece as a 1 wire kit. The 2nd lead is fitted with a miniature microphone, and secure clip for attaching to the wearer’s lapel. The 3rd lead is fitted with a barrel style PTT (push to talk), and sufficient cable to run down the sleeve onto the wearer’s shirt cuff.

It is possible to upgrade this product for use with a wireless earpiece. The speaker, and acoustic tube can be removed at the DIN plug point. A neck loop inductor is available to connect (see Pluggable Inductor section).

3 Wire Kit with 3.5mm Earpiece Socket (S-3W/BLK/3.5skt/xx)

Latest generation 3 wire kit incorporates a tactile barrel PTT (push to talk) switch with clip for securing to the users shirt cuff. A miniature microphone is fitted with a quick release clip for fastening to the users lapel.

The earphone lead is fitted with a 3.5mm stereo socket allowing the user to connect their own ipod, or similar earpieces.

3 Wire Kit with Wireless PTT (J-3W/BLK/WP/xx)

This product incorporates the same earpiece, and lapel microphone as used on the standard 3 wire kit. A small PTT button (push to talk) is located in the wiring approximately 20cm from the radio connector. The PTT unit also houses an encrypted wireless receiver. Supplied with this 3 wire kit is a waterproof wireless PTT, and Velcro loop.
**Inductive Neckloop with Microphone (COV-Loop)**

The COV-Loop is supplied with a radio connector for the specific model of radio. Lead 1 is fitted with an Inductive Neckloop with built in microphone for use with a wireless earpiece. Lead 2 has a barrel style PTT (push to talk) with sufficient cable to run down the sleeve to the wearer’s shirt cuff.

Any of the COV wireless earpieces can be used with this system.

**Inductive Flatpack with Microphone (COV-Pack)**

The COV-Pack is supplied with a radio connector for the specific model of radio. Lead 1 is fitted with an Inductive Flatpack with built in microphone for use with a wireless earpiece. Lead 2 has a barrel style PTT (push to talk) with sufficient cable to run down the sleeve to the wearer’s shirt cuff.

Any of the COV wireless earpieces can be used with this system.

**Inductive Neckloop/Microphone with Remote Covert Fob PTT (COV-Wireless-BD-Loop)**

Designed for deep covert applications, with minimal cabling for the user to wear. From the specific radio connector a lead connects to a small transition PTT (Push To Talk) housing incorporating an encrypted wireless receiver paired with a wireless covert style PTT.

From the transition PTT (Push To Talk) housing module a short lead runs up to an Inductive Neckloop with built in Microphone. The Neckloop is fitted with a quick breakaway safety feature.

Our Tone Generator system can be added to this system if required.

Any of the COV wireless earpieces can be used with the system.
Modular Covert Base Unit (COV-CBU)

Designed for deep covert applications, with minimal cabling for the user to wear. From the specific radio connector a lead connects to a small transition box fitted with 2 Lemo connectors. The female connector can be used for connecting Inductive Neckloops / Flatpacks / Flexible Shoulder Loops, or iPod style earpiece/microphones. The male connector is used for connecting a wired barrel PTT switch, or a wireless dongle that operates with our remote Fob PTT switch. Our Tone Generator system can be added to this system if required. Any of the COV wireless earpieces can be used with the system.

Standard Wireless Earpieces

Standard size digital wireless earpiece for use with COV-Loop, COV-Pack, and COV-Wireless. Supplied with 6 x A10 batteries, 15 x wax guards/fitting tool, and storage pouch. Features include automatic gain control, audible low battery warning. Available in three skin tones (European, Dark European, Afro Caribbean).

Sub Miniature Wireless Earpieces

Sub miniature digital wireless earpiece for use with COV-Loop, COV-Pack, and COV-Wireless. Supplied with 6 x A10 batteries, 15 x wax guards/fitting tool, and storage pouch. Features include automatic gain control, audible low battery warning. Available in three skin tones (European, Dark European, Afro Caribbean).

Interference Free Wireless Earpiece System (COV-5C)

A similar system to the COV-Wireless in terms of components but the main difference is this system is supplied with a wireless earpiece that is immune to electromagnetic interference generally associated with standard inductive wireless earpieces. An extremely specialist system designed for users operating in an environment with high RF noise.
From the chosen mobile connector a straight lead runs through a slim-line Transition PTT (push to talk) unit, with 360 degree rotating clip. An internal amplifier is fitted allowing connection of various headsets via the Nexus headset socket. A protection dust cap is fitted for when no headset is present. An additional 2.5mm socket on the TransPTT housing allows for connection of remote finger & foot PTT switches.

**Transition PTT unit for Mobile Radios (TransPTT/NP/xx)**

From the chosen mobile connector a straight lead runs through a slim-line Transition PTT (push to talk) unit, with 360 degree rotating clip. An internal amplifier is fitted allowing connection of various headsets via the Nexus headset socket. A protection dust cap is fitted for when no headset is present. An additional 2.5mm socket on the TransPTT housing allows for connection of remote finger & foot PTT switches.
GENERAL EARPIECES

Receive only Rubber G-shape Earpiece (JJ-EM2)

Listen only earbud earpiece with fully adjustable soft rubber G-loop. Supplied with a coil cord, and connections to a 2.5/3.5mm connector for use with a remote speaker microphone, or direct to most Tetra terminals.

Receive only Rubber D-Shape Earpiece (JJ-330)

Soft rubber D-shaped earpiece. Supplied with a coil cord, and connections to a 2.5/3.5mm connector for use with a remote speaker microphone, or direct to most Tetra terminals.

Adjustable G-Earpiece with In-line Mic/PTT (JJ-190)

Incorporating the same earpiece as the JJ-EM2 and combining a microphone, and PTT (Push To Talk) encapsulated in a robust housing that is fitted in-line. The housing is fitted with a spring clothing clip to attach to the wearer’s lapel.

Earbud with In-line Mic/PTT (JJ-191)

A single earbud earpiece, with in-line microphone, and PTT (Push To Talk) fitted inside a slim-line housing. A lightweight clip is attached to the cabling for securing to the wearer’s clothing. Available with direct connection to most radios on the market.