

# OPTIONS & ACCESSORIES

PORTABLE RADIOS  
DMR | P25 | ANALOG



Optimize and tailor your  
communications experience

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**tait**  
communications

## Preface

### PLEASE READ BEFORE USING THIS PRODUCT CATALOG.

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#### **SCOPE:**

This catalog describes accessories compatible with Tait Portable Radio products.

Custom product and non-standard equipment is not listed. Please contact your Tait representative if you require information on any product not listed within this book.

#### **PRODUCT STATUS:**

Every care has been taken to assure that the products meet the respective regulatory requirements. However, Tait does not warrant that all products meet specific country requirements.

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#### **UPDATE AND CHANGES:**

The information within the product catalog is subject to change without notice and shall not form part of any contract. This information is issued for guidance purposes only. Please note that not all frequency bands and power outputs are available in all markets.

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# OPTIONS & ACCESSORIES

**The right choice of accessories can optimize and complete the communications experience**

A Tait radio is not a solitary product, it supports a range of great accessories. We recommend tailoring each user's experience to suit their industry and role. Select the battery that's the right balance of weight versus shift-life. Select a carry accessory that makes the radio easier to wear, and keeps the radio protected and in good working order.

The right audio accessories, like speaker mics and ear-pieces, can make team communication much more effective. Optimizing audio performance means calls can be heard first time during normal operations and emergencies, keeping channels clear for other users.



## Batteries

### TP9000 Portable Radio Batteries

Select the performance and capacity options that are right for your organization's needs.

For best shift life, we recommend the 3300mAh High Capacity Battery. This is the same form factor and dimensions as the Tait Performance Battery, but with an improved shift-life for high duty-cycle, long shift, or demanding applications.

#### GENERAL TAIT BATTERY FEATURES

- ▶ Premium quality Li-Ion cells
- ▶ Over charge protection
- ▶ Over-current protection
- ▶ Thermal protection
- ▶ Over-discharge protection

#### BUILT TO EXCEED AND SURVIVE TAIT TOUGH AND MIL-STD810G DROP TESTS

- ▶ Strong attachment
- ▶ Rubberized corners

#### BATTERY



**Slimline** Li-Ion 1880mAh

 **T03-00011-AAAA**

**Performance** Li-Ion 2400mAh

 **T03-00011-CAAA**

**High Capacity** Li-Ion 3300mAh

 **T03-00011-EAAA**

	Weight	Size (WxHxD)	Shift Life
Slimline	130g / 4.6oz	2.4in x 4.7in x 0.7in (61mm x 118mm x 17mm)	Up to 15 hours
Performance	175g / 6.2oz	2.4in x 4.7in x 0.8in (61mm x 118mm x 21mm)	Up to 19 hours
High Capacity	188g / 6.6oz	2.4in x 4.7in x 0.8in (61mm x 118mm x 21mm)	Up to 27 hours

#### For use with:

TP9300, TP9400, TP9500, TP9600, TP9800

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Batteries

### TP3 Portable Radio Batteries

For use with the TP3000 range only.

#### TP3 SPARE BATTERY



#### TP3000 Li-Ion Battery 2000mAh

 TP3000-BAT

#### Features

- Chemistry: Lithium Ion
- Capacity: 2000mAh
- Built in over current protection, temperature sensing, charge contact isolation
- Up to two extra batteries can be supplied in each radio carton

#### For use with:

TP3000

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Chargers

### TP9000 Desktop Chargers

Choose the appropriate plug pack for your region. These Desktop Chargers are available as either a Single Charger or a convenient 6-Way Multi Charger.

**ALL TP9000 SERIES DESKTOP CHARGERS ARE COMPATIBLE WITH:**

- ▶ TP8100
- ▶ TP9300/TP9400
- ▶ TP9500/TP9600
- ▶ TP9800

#### SINGLE CHARGER FAST LI-ION



- No Plug Pack ■ ■ T03-00012-AAAA
- With Australia/New Zealand Plug Pack ■ ■ T03-00012-ABAA
- With United Kingdom Plug Pack ■ ■ T03-00012-ACAA
- With Europe Plug Pack ■ ■ T03-00012-ADAA
- With North America Plug Pack ■ ■ T03-00012-AEAA
- With Brazil Plug Pack ■ ■ T03-00012-AFAA

- There are options without plug packs.
- This is a desktop charger
- Charge radio with battery attached, or battery only

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### MULTI CHARGER LI-ION (6-WAY)



- No Mains Cable ■ ■ T03-00013-AAAA
- With Australia/New Zealand Mains Cable ■ ■ T03-00013-ABAA
- With United Kingdom Mains Cable ■ ■ T03-00013-ACAA
- With Europe Mains Cable ■ ■ T03-00013-ADAA
- With North America Mains Cable ■ ■ T03-00013-AEAA
- With Wall Mounting Kit ■ ■ TPA-CH-012

- There are options without plug packs.
- This is a desktop charger
- Charge up to six radios with batteries attached, or batteries only

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Chargers

### Transportable Chargers

Rapid field-deployable communication is essential to emergency responders. Scalable communications equipment such as the Transportable Multi-charger extends your normal field of operation and enhances flexibility.

The TA3004 Transportable Multi-charger can be powered by 110-240VAC mains, a vehicle accessories socket or a stand-alone 10-30VDC power source, like a battery, making it extremely versatile.

The Transportable Multi-charger's rugged pelican case with its lid up can charge a combination of portable radios and batteries at a time, both Slimline 1880 mAh Lithium Ion (Li-ion) or Performance 2400 mAh Li-ion batteries can be used.

*Note: Charging can only be carried out with the lid open. The unit is not waterproof with the lid open.*

#### ALL TP9000 SERIES TRANSPORTABLE CHARGERS ARE COMPATIBLE WITH:

- ▶ TP8100
- ▶ TP9300/TP9400
- ▶ TP9500/9600
- ▶ TP9800

#### TRANSPORTABLE MULTI-CHARGER



Orange

 TA3004-01

Silver

 TA3004-02

#### Features:

- Can charge a combination of up to six radios or batteries (either Slimline 1880mAh or Performance 2400mAh) simultaneously
- Easily deployed rugged 1520 Pelican case with aluminum internal chassis
- Can store up to six TP8000/9000 radios (with batteries and belt clips fitted), and six spare batteries
- Displays a red LED while battery is charging, green LED when battery is fully charged, and amber LED if there is a charging fault or error
- Standard IEC AC socket connected to an internal switch-mode power supply
- 110-250VAC input, fused and switched
- External DC power input, 10-30VDC at 13A
- DC power cord with a vehicle accessory plug to a 4-pin Amphenol plug, switched and fused
- DC power cord with crocodile clips to a 4-pin Amphenol plug for use on any 10-30VDC 13A power source
- Country-specific IEC AC power cords are available.

**Size:** L 182mm, W 124mm, H 58mm

**Weight:** approx. 12kg with 6 radios and 12 batteries fitted

**Typical Charge Time:** 1880mAh Li-ion 1.5-2hrs, 2400mAh Li-ion 2-2.5hrs

**Maximum charge time:** 1880mAh Li-ion 2.5hrs, 2400mAh Li-ion 3hrs

NZ Compliance only. Contact your Tait representative for availability and pricing in other regions

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Chargers

### TP9000 Vehicle Chargers

Our unique in-vehicle charger provides charging even in the toughest vehicle environments, ensuring batteries are optimally charged to keep users connected over long shifts. The vehicle charger can charge batteries connected to the radio, and also on their own.

This rugged in-vehicle radio charger securely holds the radio, exceeding crash-test requirements, minimizing in-vehicle hazards.

#### THE TP9000 VEHICLE CHARGER IS COMPATIBLE WITH:

- ▶ TP8100
- ▶ TP9300/TP9400
- ▶ TP9500/TP9600
- ▶ TP9800

#### VEHICLE CHARGER



#### CHARGING SOLUTION FOR PORTABLE RADIOS

 **T03-00014-BAAA**

Charging portable radios within a vehicle is a vital aspect of everyday operation. Unforeseen events require the flexibility to charge portables radios while on operation, so you are always prepared. The Vehicle Charger has been designed for tough conditions to assure reliable charging, and also keep the portable radio secure.

#### EFFICIENT CHARGING

The charger displays charging information consistent with the other Tait chargers. Battery faults, charging cycle and ready batteries are clearly indicated.

#### SUITABLE FOR MOUNTING IN VEHICLE

This charger is supplied with a power cable, but no fasteners, and can be mounted in a variety of different ways, including installation against a vertical surface. When properly fitted, the charging radio is safe and secure.

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Chargers

### TP9000 Vehicle Chargers (continued)

Our unique in-vehicle charger provides secure charging even with the roughest treatment, ensuring there is always a fresh battery available to keep users connected over long shifts.

This rugged in-vehicle charger is secure, even in crashes, to reduce in-vehicle hazards.

#### THE TP9000 VEHICLE CHARGER FOR BATTERIES IS COMPATIBLE WITH:

- ▶ **T03-00011-AAAA** Slimline Li-Ion 1880mAh battery
- ▶ **T03-00011-CAAA** Performance Li-Ion 2400mAh battery
- ▶ **T03-00011-EAAA** High Capacity Li-Ion 3300mAh battery

#### VEHICLE CHARGER FOR BATTERY ONLY



#### SECURE CHARGING SOLUTION FOR SPARE BATTERIES

 **T03-00014-AAAA**

The ability to charge spare batteries during operation is vital. You never know when shifts will be extended due to unforeseen events, and having a fully charged extra battery ready provides peace of mind when in critical missions.

The Battery Only Vehicle Charger has been designed for tough conditions to assure continuous charging.

#### EFFICIENT CHARGING

The charger displays charging information consistent with other Tait chargers. Battery faults, charging cycle and ready batteries are clearly visible.

#### SUITABLE FOR MOUNTING IN VEHICLE

The battery charger is very simple to use with positive audible feedback of insertion. Two rubber studs help ensure robust attachment in a moving vehicle.

Four mounting screws are available for firm and reliable contact with the mounting surface. The battery is easily accessible for urgent need by pressing the top clip.

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Chargers

### TP3 Chargers

Desktop Chargers are available as a Single Charger that offers the flexibility to use the plug pack for the region of your choice, or a convenient 6-Way Multi Charger.

#### COMPATIBILITY

- ▶ TP3000

#### SINGLE CHARGER WITH MULTINATIONAL PLUG PACK



#### Single Charger with Multinational Plug Pack **TP3000-CH1**

- Triple LED Indication
- Temperature, voltage, battery type detection
- Over-charge timeout
- Includes regional plugs for Australia/New Zealand, United Kingdom, Europe, North America and Brazil
- Plug pack rated at 12V, 2A

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### MULTI CHARGER (6-WAY)



#### 6-Way Charger with Power Pack **TP3000-CH6**

#### 6-Way Charger Spare Plug Pack **T03-00321-AAAA**

#### Australia/New Zealand Mains Cable **219-01000-00**

#### United Kingdom Mains Cable **219-01001-00**

#### Europe Mains Cable **219-01002-00**

#### North America Mains Cable **219-01561-00**

#### Brazil Mains Cable **219-01007-00**

- Specifically for TP3300 radios
- Supplied with a plug pack (6A, 12V), but spare plug packs are available
- IEC mains cables are sold separately to the 6-Way Charger

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Carry Accessories

Carry Cases provide a range of options to provide:

- ▶ Extra protection for your radio, minimizing damage wear and tear and prolonging the life of your investment
- ▶ Choice of options personal comfort and ease of use when carrying and using your radio.

Tait radios are Built Tait Tough to take the knocks – the Tait Belt Clip, and Optional Belt Clip adapter provide:

- ▶ A low cost alternative to carry your radio
- ▶ Secure attachment, quick release, and improved RF coverage with the belt clip adaptor
- ▶ Full visibility of your radio, e.g. your high visibility color, blue for IS, custom labeling etc
- ▶ Full tactile and ergonomic access to the radio operation

Carry cases and belt clip adapters are very important tools for improving coverage by pushing the antenna farther from the body as the body can block or absorb signals.

*Note: belt clip & belt clip adaptor also applies to TP8000, TP9000, TP9461 and TP9361 IS radios*

### ATTACHMENT TYPE



#### Belt Clip 55mm

 **TPA-CA-201**

Tough carry accessory.  
Comes standard in every radio package.  
Not included with spare batteries.  
Strong attachment, easy to remove without tools.

For use with: All TP8000/9000 radios



#### Belt Clip Adaptor for 55mm belt clip **TPA-CA-208**

This adaptor provides secure, robust attachment of radio to your belt, allowing easy release for handheld operation. Avoiding interference with day-to-day tasks is critical for active staff.

- Unique, rugged accessory designed to last
- Allows the radio to securely swivel 15deg forwards and backwards from center, providing ergonomic but constrained movement for user comfort
- Provides low-cost, secure radio attachment
- Release mechanism allows for easy intentional release, but makes it extremely difficult for the radio to be unintentionally removed – perfect for public safety and security usage
- Improves radio range by angling the antenna away from the user's body

**REQUIRES: TPA-CA-201**

## Carry Accessories

### Carry Cases – TP9000 series

#### HEAVY DUTY LEATHER

- ▶ Keep your hands free and portable radio safe with a durable heavy leather case.
- ▶ Resilient and robust, the Heavy Duty Leather cases withstand the toughest conditions, allowing you to focus on the job.

*Note: TP81, TP93/4, and TP95/6/8 are different heights, so different carry cases apply to each*

#### CARRY CASE HEAVY DUTY LEATHER D-STUD BELT LOOP



TP9310 0 Key Variant	T03-00038-0001
TP9300/9400 4 Key Variant	T03-00038-0004
TP9300/9400 4Key / 16 Key Variant	T03-00038-0007
TP9500/9600/9800 4 Key / 16 Key Variant	T03-00079-0001

#### Features:

- Belt loop is approx 55mm
- D-Stud for secure flexible attachment and easy release
- Improves coverage by pushing antenna farther from the body, as the body can block or absorb signals

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### CARRY CASE HEAVY DUTY LEATHER SPRING CLIP



TP9310 0 Key Variant	T03-00038-0002
TP9300/9400 4 Key Variant	T03-00038-0005
TP9300/9400 4 Key / 16 Key Variant	T03-00038-0008
TP9500/9600/9800 4 Key / 16 Key Variant	T03-00079-0002

#### Features:

- Spring clip is approx 45mm

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Carry Accessories

### Carry Cases – TP9000 series

#### HEAVY DUTY LEATHER (CONTINUED)

- ▶ Increase your carry options by including a Belt Loop or Belt Loop D-Rings.
- ▶ Use D-Rings to attach Shoulder Strap.

*Note: TP81, TP93/4, and TP95/6/8 are different heights, so different carry cases apply to each*

#### CARRY CASE HEAVY DUTY LEATHER BELT LOOP



- |                                    |                |
|------------------------------------|----------------|
| TP9310 0 Key Variant               | T03-00038-0003 |
| TP9300/9400 4 Key Variant          | T03-00038-0006 |
| TP9300/9400 4 Key / 16 Key Variant | T03-00038-0009 |

#### Features:

- Belt loop is approx 60mm

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### CARRY CASE HEAVY DUTY LEATHER BELT LOOP D-RINGS



- |   |                |
|---|----------------|
| TP9310 0 Key Variant                    | T03-00038-0035 |
| TP9300/9400 4 Key Variant               | T03-00038-0036 |
| TP9300/9400 4 Key / 16 Key Variant      | T03-00038-0037 |
| TP9500/9600/9800 4 Key / 16 Key Variant | T03-00079-0007 |

#### Features:

- Product consists of the Heavy Duty Leather Belt Loop case with the addition of two D-rings, for attaching a shoulder strap (T03-00038-0034)

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Carry Accessories

### Carry Case Accessories – TP9000 series

#### HEAVY DUTY LEATHER (CONTINUED)

- ▶ Enhance your carry options with a Shoulder Strap for the Heavy Duty Leather case.
- ▶ Battery Spacer creates a secure fit when using smaller batteries in a full size carry case.

#### SHOULDER STRAP



Shoulder Strap for Heavy Duty Leather Case ■■■ T03-00038-0034

#### Features:

- Durable leather strap.
- Secure clasps to attach to Heavy Duty Leather Case.

#### For use with:

- Heavy Duty Leather Belt Loop D-rings carry cases (T03-00038-00035, T03-00038-00036, T03-00038-00037)

#### BATTERY SPACER



Battery Spacer for Heavy Duty Leather Case ■■■ T03-00038-0030

#### Features:

- Comes with Heavy Duty Leather Carry Cases – this allows them to be used with the Slimline (thin) battery.
- Not required when radios have the Performance (thick) battery.

#### For use with:

- All TP8000/9000 radios (except for IS models) in Heavy Duty Leather Carry Cases

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Carry Accessories

### Carry Cases – TP9000 series





#### SOFT LEATHER

- ▶ Maintain durability against damage with a slim and smooth line Soft Leather case.
- ▶ Robust case, yet comfortable to wear and use.

*Note: TP81, TP93/4, and TP95/6/8 are different heights, so different carry cases apply to each*

#### CARRY CASE SOFT LEATHER



TP9310 0 Key Variant		<b>T03-00038-0019</b>
TP9300/9400 4 Key Variant		<b>T03-00038-0020</b>
TP9300/9400 4 Key / 16 Key Variant		<b>T03-00038-0021</b>
TP9500/9600/9800 4 Key / 16 Key Variant		<b>T03-00079-0005</b>

#### Features:

- Uses standard battery belt clip (TPA-CA-201), which comes standard with each radio

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Carry Accessories

### Carry Cases – TP9000 series

#### NYLON

- ▶ Soft yet durable, these slim, firm fitting cases minimize damage and wear and tear to your portable radio.
- ▶ Comfortable while using your radio.

*Note: TP81, TP93/4, and TP95/6/8 are different heights, so different carry cases apply to each*

#### CARRY CASE NYLON D-STUD BELT LOOP



TP9310 0 Key Variant	T03-00038-0010
TP9300/9400 4 Key Variant	T03-00038-0013
TP9300/9400 4 Key / 16 Key Variant	T03-00038-0016
TP9500/9600/9800 4 Key / 16 Key Variant	T03-00079-0003

#### Features:

- Belt loop is approx 55mm
- Nylon D-Stud for slimline belt attachment and rapid release
- Improves coverage by pushing antenna farther from the body, as the body can block or absorb signals

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### CARRY CASE NYLON BELT LOOP



TP9310 0 Key Variant	T03-00038-0011
TP9300/9400 4 Key Variant	T03-00038-0014
TP9300/9400/9800 4 Key / 16 Key Variant	T03-00038-0017

#### Features:

- Belt loop is approx 65mm

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Carry Accessories

### Carry Cases – TP9300/9400

#### NYLON (CONTINUED)

- ▶ Individualize your slim Nylon Carry Case by adding on options such as the D-Stud Chest Harness, to carry your case with ease.

*Note: TP81, TP93/4, and TP95/6/8 are different heights, so different carry cases apply to each*

#### CARRY CASE NYLON



TP9310 0 Key Variant	T03-00038-0012
TP9300/9400 4 Key Variant	T03-00038-0015
TP9300/9400 4 Key / 16 Key Variant	T03-00038-0018
TP9500/9600/9800 4 Key / 16 Key Variant	T03-00079-0004

#### Features:

- Uses standard battery belt clip (TPA-CA-201), which comes standard with each radio

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### CARRY CASE NYLON D-STUD CHEST HARNESS



TP9310 0 Key Variant	T03-00038-0027
TP9300/9400 4 Key Variant	T03-00038-0028
TP9300/9400 4 Key / 16 Key Variant	T03-00038-0029
TP9500/9600/9800 4 Key / 16 Key Variant	T03-00079-0006

#### Features:

- Uses a Nylon D-Stud Belt Loop case, but with velcro to attach to the chest mount

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Carry Accessories

### Carry Cases – TP9000 series

#### COLOR OPTIONS

- ▶ Personalize your portable radio with a brightly colored Carry Case.
- ▶ Available in Nylon Orange and Polyester Green, these cases stand out for high visibility.

*Note: TP81, TP93/4, and TP95/6/8 are different heights, so different carry cases apply to each*

#### CARRY CASE NYLON ORANGE



TP9310 0 Key Variant	T03-00038-0024
TP9300/9400 4 Key Variant	T03-00038-0025
TP9300/9400 4 Key / 16 Key Variant	T03-00038-0026

#### Features:

- Uses standard battery belt clip (TPA-CA-201), which comes standard with each radio

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### CARRY CASE POLYESTER GREEN



TP9310 0 Key Variant	T03-00038-0031
TP9300/9400 4 Key Variant	T03-00038-0032
TP9300/9400 4 Key / 16 Key Variant	T03-00038-0033

#### Features:

- Uses standard battery belt clip (TPA-CA-201), which comes standard with each radio

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Carry Accessories

### Carry Cases – TP3

#### BALLISTIC NYLON

- ▶ Ballistic Nylon Carry Cases for TP3 provide a tough solution to keep portable radios safe from damage, while keeping your hands free.
- ▶ Available with either a D-Clip to attach to the wearer’s belt or a standard radio belt clip to hang the radio.

#### CARRY CASE NYLON D-CLIP



0 Key Variant

T03-00370-AAAB

4 Key / 16 Key Variant

T03-00370-AAAA

#### Features:

- D-Clip is attached to the wearer’s belt. The radio in the cover can easily be hooked onto the belt. The radio must be rotated (until upside-down) in order to release it.
- 6mm Black Nylon Binding
- Black/Green 1060 Ballistic Nylon
- Radio secured by ½” Brass Oxide Black Snap
- D-Stud, Black, Pie-shaped - Improves coverage by pushing antenna farther from the body, as the body can block or absorb signals
- 350 Leather Belt Loop

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### CARRY CASE NYLON



0 Key Variant

T03-00370-ABAB

4 Key / 16 Key Variant

T03-00370-ABAA

#### Features:

- Uses standard radio belt clip, which comes standard with each radio
- Spare belt clips are available (Pack of 10 TP3000 beltclips T03-00350-AAAA)
- 6mm Black Nylon Binding
- Black 1060 Ballistic Nylon
- Radio secured by ½” Brass Oxide Black Snap

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Carry Accessories

### Carry Case Parts

- ▶ Heavy duty cowhide leather, provides a tough solution to secure your Carry Case.
- ▶ Suitable for all industries, these are designed to excel in the toughest environments.

#### ATTACHMENT TYPE



**Belt Loop for D-Stud 55mm**

 **T03-00038-0022**

- For use with: All TP8000/9000/3000 radios



**Spring Clip for D-Stud 40mm**

 **T03-00038-0023**

- For use with: All TP8000/9000 radios

# AUDIO ACCESSORIES

**The right audio accessories can help you do your job more safely and effectively**

Whether your team operates in a particularly noisy environment, or has a need for covert communications, Tait offers a range of audio accessories to make sure voice calls get through loud and clear.



## Audio Accessories for Tait Portables

Smart audio accessory selection plays an important role in worker safety and efficiency.

Tait portable radios share a common accessory connector, so audio accessories are generally compatible between models. Intrinsically Safe radios offer an extra level of electrical and thermal safety, so IS radios require specific accessories.

Tait recommends the use of Tait TDMA audio accessories with radios operating in TDMA modes. Tait TDMA audio accessories are tested to function in TDMA, and have “TDMA” molded in the radio connector. TDMA technology is used in DMR and P25 Phase 2. Visit [www.taitradioacademy.com](http://www.taitradioacademy.com) to learn more about TDMA technology.

### SELECTING THE APPROPRIATE AUDIO ACCESSORIES

#### NOISY ENVIRONMENT?

When there's a lot of noise around you, one option is to just turn up the volume on your radio. This is not always practical, especially if the noise is intermittent or you're moving between areas of differing noise. Earpieces or noise canceling headsets can help you hear better amid loud noises. Your team also needs to be able to hear you when you're talking in a noisy environment. Some radio features and noise canceling accessories can also help reduce the background noise in your call. Microphone settings make a big difference. TP3 and TP9000 in DMR or P25 digital modes filters some background noise. TP9000 radios also have digital noise suppression. TP9500, TP9600, and TP9800 have dual-mic active noise cancellation for best-in-class audio volume and quality that works in both analog and digital modes. Proper radio and accessory configuration is the most important factor for these noisy environments to match performance to your budget and situation.

#### OUTDOOR OPERATION?

If the radio is to be worn on a belt or pocket, wearing it higher is better for reception and audio. Consider using a shoulder mounted speaker microphone. Wired in-ear accessories can also help.

#### CONFIDENTIAL CALLS?

If you expect calls of a sensitive nature, then an in-ear speaker should be used. If you do not want people to know you are transmitting, then a discreet finger-worn PTT is useful.

#### HYGIENE ISSUE?

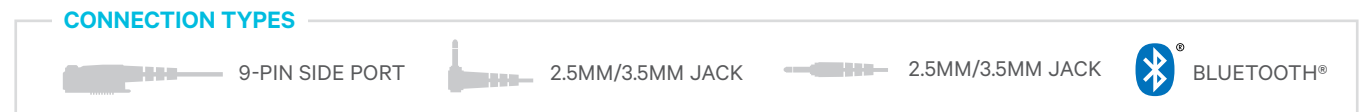
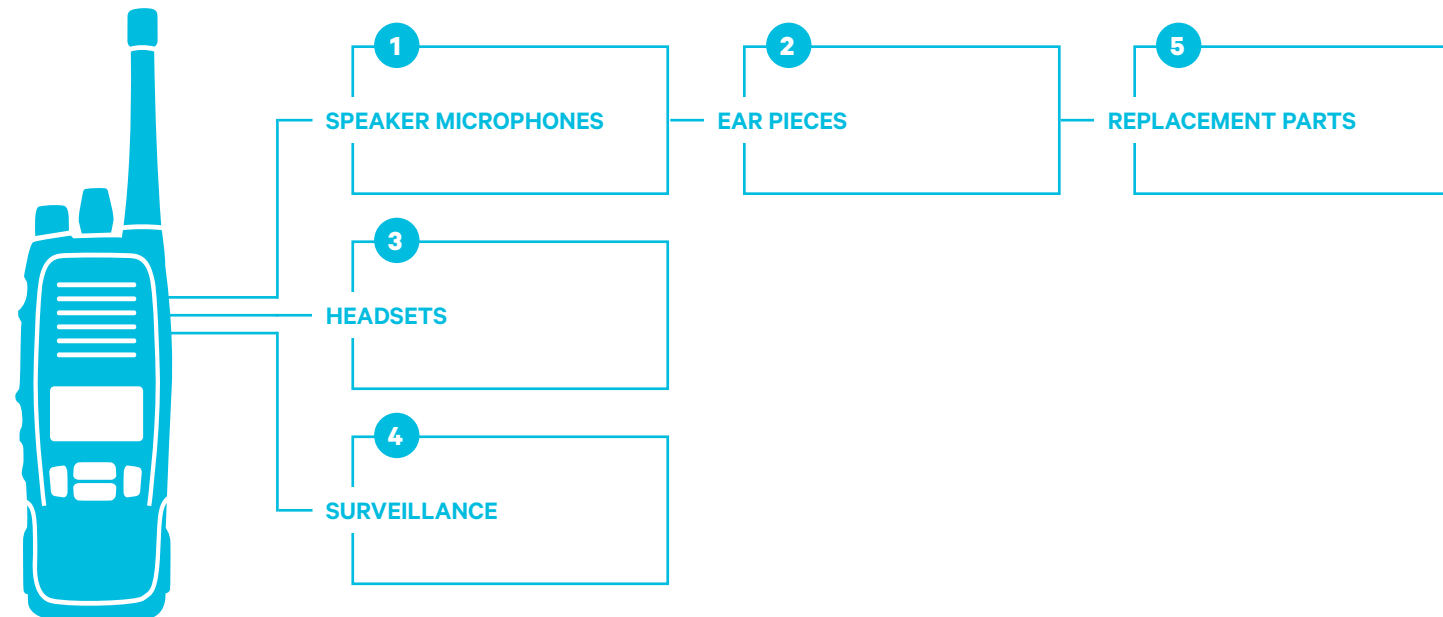
If staff are to wear in-ear speakers, avoid hygiene concerns by issuing personal speakers, rather than sharing.

#### WIRED OR WIRELESS?

Tait supports a range of Bluetooth® audio accessories. Bluetooth® pairing can be less reliable than wired PTT, or the PTT on the radio. Select the balance of convenience and reliability appropriate for your team.

## Audio Accessories Overview

The Tait audio accessory system is anchored by the standard audio accessory connector, found on all of our portable radios. This gives you the freedom to select the right accessories for you. Only approved accessories can be used with Intrinsically Safe (IS) products. See Intrinsically Safe section for details.



## Audio Accessories

### Speaker Microphones 1

Our range of Speaker Microphones offer many features and something unique to meet the needs of a variety of users and environments. This comparison table is a quick guide to the models to take a closer look at to include in your fleet.

FEATURE	SPEAKER MIC LIGHT WEIGHT	TSM3	TSM3E	TSM4	EVOLUTION	STORM	GENESIS	AINA PTT VOICE RESPONDER
Light Duty	●	●						
Standard Duty			●					
Heavy Duty				●	●	●	●	
Wireless								●
2.5mm Earpiece Jack					●	●		
3.5mm Earpiece Jack	●	●	●	●	●			●
Shoulder Mounted	●	●	●	●	●	●	●	●
Push to Talk		●	●	●	●	●	●	●
Water Shedding Grille & Microphone		●	●	●				
Loud Speaker suitable for noisy environments			●	●	●	●	●	●
Heavy Duty Cable		●	●	●	●	●	●	
Function / Emergency Button		●	●	●	●	●	●	●
Programmable Function Button				●				
Covert								●
IP67		●	●					●
IP68				●		●	●	

## Audio Accessories

### Speaker Microphones 1

#### LIGHT DUTY

These speaker microphones offer the convenience of a light weight shoulder mount, while your portable radio is securely fastened to your belt, ideal for light duty roles.

#### LIGHT-WEIGHT



#### Speaker Mic Light-Weight

 T03-00045-ERAA

#### Features:

- 3.5mm earpiece jack
- Cord approx. 50cm unstretched
- Rotatable lapel clip

#### For use with:

- TP9300, TP9400, TP3, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*




## Audio Accessories

### Speaker Microphones 1

#### LIGHT DUTY

This speaker microphone offers the convenience of a light weight shoulder mounted extension of radio function, while your portable radio is securely fastened to your belt.

**TSM3**



**TSM3 Speaker Mic** ■ **T03-00045-NDCA**


**Features:**

- 3.5mm ear piece jack
- Rugged, dust proof and water immersible (IP67 rated with connector jack sealed)
- Speaker: 1W
- Tait design water shedding grille and microphone
- Function button (programmable emergency button)
- Push to Talk button
- Cable length (extended) is 0.8m, diameter 4mm
- Compatible Earpieces:
  - T03-00086-0101 Earpiece In-ear
  - T03-00086-0201 Earpiece C-hook
  - T03-00086-0301 Earpiece D-ring

**For use with:**

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Audio Accessories

### Speaker Microphones 1

#### STANDARD DUTY

This speaker microphone offers a medium weight shoulder mounted extension of radio function, while your portable radio is securely fastened to your belt. With enhanced audio and ruggedness, well suited to harsh work environments.

TSM3e



TSM3e Speaker Mic Medium Weight

T03-00045-NDAA

#### Features:

- 3.5mm ear piece jack
- Rugged, dust proof and waterimmersible (IP67 rated with connector jack sealed)
- Speaker: 2W
- Tait design water-shedding grille and microphone
- Function button (programmable emergency button)
- Heavy duty cable
- Cable length (extended) is 1.5m, diameter 5mm
- Push to Talk button
- Compatible Earpieces:
  - T03-00086-0101 Earpiece In-ear
  - T03-00086-0201 Earpiece C-hook
  - T03-00086-0301 Earpiece D-ring

#### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Audio Accessories

### Speaker Microphones 1

#### HEAVY DUTY

Remote Speaker Microphones provide a shoulder mounted extension of radio function while your portable radio is securely fastened to your belt.

The TSM4 is designed to meet the needs of Public Safety and a wide range of professional users. It is a rugged accessory with high quality audio performance.



**TSM4**

**TSM4 Speaker Mic Heavy Duty** ■ **T03-00045-PCAA**

**Features:**

**TAIT TOUGH FOR PUBLIC SAFETY AND HEAVY DUTY APPLICATIONS**

- Rugged design
- IP68 dust-proof and water-immersible (IP68 rated with/without audio jack bung)

**HIGH QUALITY AUDIO: HEAR AND BE HEARD IN CHALLENGING SITUATIONS**

- Speaker 3W nominal, 6W maximum
- Tait water-shedding speaker grille and microphone
- 3.5mm connector plug for earpieces
- Digital and analog compatible

**USER-FRIENDLY, ERGONOMIC DESIGN**

- Dimensions (HxWxD excluding clip): 82.6mm (3.25in) x 60.3mm (2.37in) x 28.2mm (1.11in)
- Large, protected Push-to-Talk button
- Glove-friendly orange programmable emergency and function button
- Additional programmable function button
- Large 360 degree rotating clip
- Heavy duty cable with extended length 1.5m (5ft), diameter 5mm (0.2")
- Replaceable spare parts (lapel clip, cable, and audio jack bung)
- Compatible 3.5mm Jack Earpieces:
  - T03-00086-0101 Earpiece In-ear (right-angled jack)
  - T03-00086-0201 Earpiece C-hook (right-angled jack)
  - T03-00086-0301 Earpiece D-ring (right-angled jack)
  - T03-00086-0102 Earpiece In-ear (straight jack)
  - T03-00086-0202 Earpiece C-hook (straight jack)
  - T03-00086-0302 Earpiece D-ring (straight jack)

**For use with:**

- TP9300, TP9400, TP9500, TP9600, TP9800

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Speaker Microphones 1

#### HEAVY DUTY (CONTINUED)

These speaker microphones offer a heavy duty, shoulder mounted extension of radio function, while your portable radio is securely fastened to your belt. Well suited to rugged work environments.

#### EVOLUTION



Evolution 2.5mm Ear Piece Jack  
Evolution 3.5mm Ear Piece Jack

 **T03-00045-JFAA**

 **T03-00045-JBAA**

#### Features:

- Choice of 2.5mm or 3.5mm ear piece jack
- Fully sealed housing to MIL-STD-810 specs
- High/low volume control
- Emergency button
- PTT switch life: 1 million cycles
- Heavy duty cable

#### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### STORM



Storm Speaker Mic

 **T03-00045-KFAA**

#### Features:

- 2.5mm ear piece jack
- Large PTT with positive tactile feedback
- Push-button high/low volume control below PTT
- Emergency button
- Compatible with a variety of radio models
- Exceeds MIL-STD-810F spec, 40mph blowing rain
- Immersion rated, fully sealed to IP68

#### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Speaker Microphones 1

#### HEAVY DUTY (CONTINUED)

These speaker microphones offer a heavy duty, shoulder mounted extension of radio function, while your portable radio is securely fastened to your belt. Well suited to rugged work environments.

#### GENESIS



#### Genesis Speaker Mic

**T03-00045-DMAA**

#### Features:

- Fully sealed against water and dust penetration to IP68
- Removable front grill for easy cleaning and maintenance
- Large snap-action PTT suitable for use with gloves
- Emergency button with large notch for easier actuation
- Loud speaker mic suitable for noisy environments
- Heavy duty cable

#### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Speaker Microphones 1

#### WIRELESS

These speaker microphones offer a heavy duty, shoulder mounted extension of radio function, such as push-to-talk, phone calls, and emergency alerts, while your portable radio is securely fastened to your belt.

In covert mode LED indications are suppressed and audio annunciations are selectively muted. Support for an audio headset is provided by a standard 3.5mm jack, which mutes the speaker when used.

This accessory incorporates a number of rugged design features for mission critical applications, including emergency button, auxiliary buttons, covert mode and high quality audio, making it well suited to rugged and noisy work environments.

#### AINA PTT VOICE RESPONDER



#### Aina PTT Voice Responder

■ ■ TT0011-0001

#### Features:

- Easy to use
  - Simple Bluetooth® pairing
  - Two PTT buttons to simplify communication to two main channels or contacts
  - Call-answer button
  - Volume control
  - 3.5mm standard audio jack for connection to a wide variety of earpieces and headsets
  - Battery life: ~24 hours
- High quality audio suitable for noisy environments
  - Sound pressure level of 105dB at 10cm
  - Wide-band audio
  - Noise suppression
  - Echo cancellation
  - Wind noise reduction
- Built for critical communications
  - Real-time PTT: short latency
  - Emergency button increases worker safety by allowing a worker in distress to notify dispatch about an emergency
  - Covert mode option
  - Rugged IP67 dust and water resistant
  - MIL-STD 810G 2 meter drop test and environmental protection

#### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3, Android and IOS smartphones with PTT applications

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Ear Pieces for Speaker Mics 2

#### HEAVY DUTY EAR PIECES

Ear pieces offer the option of discreet voice calls, and are great in environments where a loud speaker is inappropriate.

#### EARPHONE IN-EAR



#### Earphone In-Ear

**T03-00053-0451**

##### Features:

- Professional grade
- Discreet, flexible, transparent acoustic tube
- Designed to fit either the left or right ear
- Lightweight ear piece
- Quick disconnect earphone adapter for easy acoustic tube replacement

##### For use with:

- Speaker microphones with a 2.5mm jack (e.g. Evolution and Storm models)

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### EAR HANGER



#### Ear Hanger

**T952-055**

##### Features:

- Professional grade
- Soft rubber ear loop with speaker
- Rotational clip to fit either the left or right ear
- Lightweight ear piece

##### For use with:

- Speaker microphones with a 2.5mm jack (e.g. Evolution and Storm models)

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Ear Pieces for Speaker Mics 2

#### STANDARD DUTY EAR PIECES

Ear pieces offer the option of discreet voice calls, and are great in environments where a loud speaker is inappropriate.

#### EAR TUBE IN-EAR



Ear tube In-Ear 2.5mm Connector

**T03-00120-AAAD**

Ear tube In-Ear 3.5mm Connector

**T03-00120-AAAE**

#### Features:

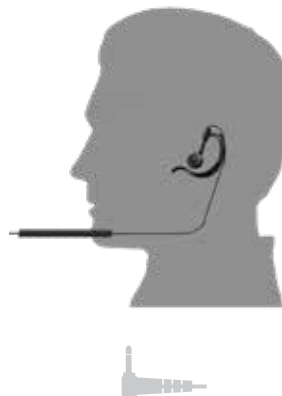
- Commercial grade
- Soft rubber ear piece
- 2.5mm and 3.5mm connectors available
- Low profile, flexible, transparent acoustic tube
- Length: approx. 600mm (700mm stretched)
- Designed to fit either the left or right ear

#### For use with:

- Speaker microphones with a 2.5mm or 3.5mm jack as specified

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### EAR HOOK



Ear tube Ear Hook 2.5mm Connector

**T03-00120-BAAD**

Ear tube Ear Hook 3.5mm Connector

**T03-00120-BAAE**

#### Features:

- Commercial grade
- Soft rubber ear piece
- 2.5mm and 3.5mm connectors available
- Discreet, unobtrusive acoustic tube
- Length: approx. 600mm (700-750mm stretched)
- Designed to fit either the left or right ear

#### For use with:

- Speaker microphones with a 2.5mm or 3.5mm jack as specified

*Not for use with Intrinsically Safe or Non-Incendive radios.*



## Audio Accessories

### Ear Pieces for Speaker Mics 2

#### STANDARD DUTY EAR PIECES (CONTINUED)

Ear pieces offer the option of discreet voice calls, and are great in environments where a loud speaker is inappropriate.

#### EAR-BUD C-HOOK



#### Ear-bud C-hook Right Angle Jack

**T03-00120-KAAE**

##### Features:

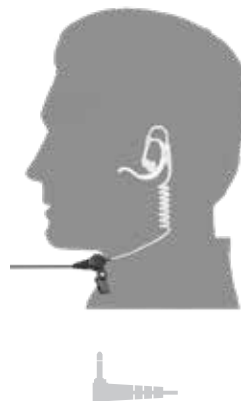
- Commercial grade
- Soft rubber ear piece
- Discreet, unobtrusive acoustic tube
- Length: approx. 361mm
- Designed to fit either the left or right ear

##### For use with:

- Speaker microphones with a 3.5mm jack as specified

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### EAR TUBE EAR HOOK



#### Ear tube Ear Hook 2.5mm Connector

**T03-00120-FAAD**

#### Ear tube Ear Hook 3.5mm Connector

**T03-00120-FAAE**

##### Features:

- Commercial grade
- Soft rubber ear piece
- 2.5mm and 3.5mm connectors available
- Low profile and flexible acoustic tube
- Length: approx. 600mm (700mm stretched)
- Designed to fit either the left or right ear

##### For use with:

- Speaker microphones with a 2.5mm or 3.5mm jack as specified

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Ear Pieces for Speaker Mics 2

#### STANDARD DUTY EAR PIECES (CONTINUED)

Ear pieces offer the option of discreet voice calls, and are great in environments where a loud speaker is inappropriate.

#### EARPIECE BLACK D-RING



Earpiece D-Ring Black Right Angle Jack ■ ■ **T03-00120-LAAE**

#### Features:

- Soft rubber ear piece designed to fit either the left or right ear
- Length: approx 455mm

#### For use with:

- Speaker microphones with a 3.5mm jack as specified

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### EARPIECE IN-EAR ACOUSTIC-TUBE



Earpiece In-Ear Acoustic tube 3.5mm-RA-Jack 0.3m-lead ■ ■ **T03-00086-0101**

Earpiece In-Ear Acoustic tube 3.5mm-Str-Jack 0.3m-lead ■ ■ **T03-00086-0102**

#### Features:

- High grade silicon ear-tips, comfortable to wear
- Rotating clothing metal clip
- Available in black color
- 3.5mm right angle or straight connector

#### For use with:

- TSM3, TSM3e, and TSM4 only

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Ear Pieces for Speaker Mics 2

#### STANDARD DUTY EAR PIECES (CONTINUED)

Ear pieces offer the option of discreet voice calls, and are great in environments where a loud speaker is inappropriate.

#### EARPIECE C-HOOK



**Earpiece Ear-Bud C-hook Black 3.5mm-RA-Jack 0.2m-lead**

**T03-00086-0201**

**Earpiece Ear-Bud C-hook Black 3.5mm-Str-Jack 0.2m-lead**

**T03-00086-0202**

#### Features:

- Adjustable full rotating earbud that fits both ears
- Rubberized C-shaped loop
- Available in black color
- 3.5mm right angle or straight connector

#### For use with:

- TSM3, TSM3e, and TSM4 only

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### EARPIECE D-RING



**Earpiece On-Ear D-ring Black 3.5mm-RA-Jack 0.3m-lead**

**T03-00086-0301**

**Earpiece On-Ear D-ring Black 3.5mm-Str-Jack 0.3m-lead**

**T03-00086-0302**

#### Features:

- Detachable design that fits both ears
- Rubberized D-shaped loop
- Available in black color
- 3.5mm right angle or straight connector

#### For use with:

- TSM3, TSM3e, and TSM4 only

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Headsets 3

Headsets offer the best noise reduction for receiving calls in high noise environments.

#### HEAVY DUTY OVER HEAD



#### Heavy Duty Over Head Headset

T03-00046-FAAA

##### Features:

- Rotating boom for left or right positioning
- Flexible, noise canceling boom microphone with replaceable windscreen
- In-line PTT in cable
- Comfortable, cloth-covered ear seals

##### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### HEAVY DUTY BEHIND HEAD



#### Heavy Duty Behind Head Headset

T03-00046-FEAA

##### Features:

- Designed for use with a helmet or hat
- Discreet c-style headband for comfortable, stable fit
- In-line PTT
- Flexible, noise canceling boom microphone with replaceable windscreen
- Improved ear seal design delivers advanced noise reduction and superior comfort

##### For use with:



- TP9300, TP9400, TP9500, TP9600, TP9800, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Headsets (continued) 3

**HURRICANE BEHIND HEAD**

**Hurricane Behind Head Headset**  **T03-00046-GEAA**

**Features:**

- Lightweight and comfortable design
- Behind the head style headset with dual ear inserts
- Noise canceling boom microphone with replaceable windscreen
- Noise reducing Ear Inserts offer a certified NRR of 29dB

**For use with:**

- TP9300, TP9400, TP9500, TP9600, TP9800, TP8100

*Note: The Hurricane Behind Head is supplied with two sets of ear insert options: clear ear tips and foam earplugs.*

*Not for use with Intrinsically Safe or Non-Incendive radios.*

**LIGHT WEIGHT BEHIND HEAD**




**Light Weight Behind Head Headset**  **T03-00046-EFAA**

**Features:**

- Flexible boom microphone
- Finger mount PTT
- Lapel clip

**For use with:**

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Surveillance Kit 4

Surveillance kits offer a discreet device that can be worn under clothing for covert communications.

#### 2-WIRE SURVEILLANCE KIT



#### 2-Wire Surveillance Kit

**T03-00047-AAAA**

##### Features:

- Professional grade
- Separate wires for ear piece and Microphone/PTT button with lapel clip.

##### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### COVERT KIT EARTUBE-IN-EAR



#### Covert Kit Eartube-In-Ear, Mic with PTT

**T03-00047-BAAA**

##### Features:

- Commercial grade
- Transparent in-ear piece
- Microphone with lapel clip
- PTT on microphone
- Cord length approx 1000mm

##### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Surveillance Kit (continued) 4

#### COVERT KIT EAR HANGER LAPEL MIC



Covert Kit Ear Hanger Lapel Mic with PTT ■ ■ **T03-00047-CBAA**

**Features:**

- Commercial grade
- Clip midway along cable can be connected to clothing
- Ear piece clips over the ear (wire from behind)
- Length: radio to PTT/clip 900mm
- Length: PTT/clip to earpiece 600mm

**For use with:**

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

#### WIRED FINGER PTT



Wired Finger PTT ■ ■ **T03-00053-0101**

**Features:**

- Commercial grade
- Finger mounted PTT button
- May be used in conjunction with Bluetooth® audio accessories
- Designed so the wire can be fitted through clothing – from the radio up to shoulder and then down sleeve to the hand
- Cable length: approx. 1100mm (1500mm stretched)

**For use with:**

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3, TP8100

*Not for use with Intrinsically Safe or Non-Incendive radios.*

## Audio Accessories

### Surveillance Kit (continued) 4

#### WIRELESS

Covert, wireless PTT option.

#### SAVOX BT COM



#### Savox BT COM Wireless PTT

■ ■ TT0012-0001

#### Features:

- Professional grade
- Wireless Push-to-Talk device
  - Two large PTT buttons
  - Volume control
  - On/Off pairing button
- 3.5mm earpiece jack - supports headsets ranging from a simple ear bud (included) to high-end hearing protection headsets
- Two modes of operation:
  - As a Push-to-talk button and microphone, using the microphone on the device and the supplied earpiece
  - As a Push-to-talk button, with an external microphone such as a commercial mobile phone's 3.5mm mic/earpiece accessory. Check audio levels and operation before use.
- IP55 dust and water resistant
- Talk time: up to 12hrs
- Standby time: Up to 120hrs
- Supplied earpiece cord is approx. 50cm unstretched
- Rotatable lapel clip

#### For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800, TP3

*Not for use with Intrinsically Safe or Non-Incendive radios.*

*For more information on compatibility with Tait Portable Radios see [page 66](#).*



## Audio Accessories

### Replacement Kits 5

Soft plastic parts may require occasional replacement. Keep spares to minimize downtime.

#### FLEXIBLE OPEN EAR INSERT - LEFT EAR



##### For use with:

- T952-051
- TPA-AA-213
- TPA-AA-214
- TPA-AA-221
- T03-00046-CEAA
- T03-00046-GEAA
- T03-00047-AAAA

■ **TPA-AA-215** (left ear – small)

■ **TPA-AA-216** (left ear – medium)

■ **TPA-AA-217** (left ear – large)

■ **TPA-AA-218** (right ear – small)

■ **TPA-AA-219** (right ear – medium)

■ **TPA-AA-220** (right ear – large)

#### EARPIECE QUICK DISCONNECT ACOUSTIC TUBE



##### For use with:

- T952-051
- TPA-AA-213
- TPA-AA-221

■ **TPA-AA-214** (set of five)

## Antennas for Tait Portables

### TP8000/TP9000 Antennas

Antennas for frequencies supported by Tait portable radios.

#### SELECT THE RIGHT ANTENNA FOR YOUR JOB

Tait radio antennas are available in **Whip** and **Helical** variants for each frequency band. Whip antennas are typically longer, and offer greater coverage. Helical antennas are typically shorter, but offer less coverage.

- ▶ If your radio users prioritize coverage over a compact antenna, we recommend you select the Whip variant.
- ▶ If your radio users prioritize a compact antenna over coverage, we recommend you select the Helical variant.



#### OPTIMIZING COVERAGE

Whichever antenna you choose, a radio that is hand-held will offer greater coverage than a radio that is worn on the body, as the human body can block or absorb radio signal. See our Carry Accessories section for the right carry option for your users.



VHF				
136-174MHz	Wideband Helical	219mm		TPA-AN-034
136-225MHz	Tunable Helical	Cut to length		TPA-AN-001
136-151MHz	Helical	183mm		TPA-AN-002
150-162MHz	Helical	170mm		TPA-AN-003
155-167MHz	Helical	163mm		TPA-AN-032
162-174MHz	Helical	155mm		TPA-AN-004
174-193MHz	Helical	140mm		TPA-AN-040
213-225MHz	Helical	120mm		TPA-AN-041

UHF				
320-380MHz	¼ Wave Whip	200mm		TPA-AN-035
378-470MHz	¼ Wave Whip	160mm		TPA-AN-037
380-420MHz	¼ Wave Whip	181mm		TPA-AN-039
400-470MHz	¼ Wave Whip	160mm		TPA-AN-011
450-520MHz	¼ Wave Whip	135mm		TPA-AN-012
320-380MHz	Helical	94mm		TPA-AN-036
378-470MHz	Helical	74mm		TPA-AN-038
380-420MHz	Helical	79mm		TPA-AN-027
400-470MHz	Helical	74mm		TPA-AN-013
450-520MHz	Helical	67mm		TPA-AN-015

700 / 800 / 900MHZ				
762-870MHz	½ Wave Whip	180mm		TPA-AN-022
896-941MHz	½ Wave Whip	175mm		TPA-AN-025
762-870MHz	Helical	68mm		TPA-AN-028

MULTIBAND ANTENNA - VHF, UHF, 700 / 800MHZ				
136-174MHz, 378-520MHz, 762-870MHz		210mm		TPA-AN-051



## Antennas for Tait Portables (continued)

### TP3 Antennas

These antennas are specific to the TP3000 range of portables. They can be used with all TP3000 and TP3350 radios, however please note that GPS functionality is only supported in TP3350 models.

*Note: These antenna are not interchangeable with the TP8100, TP9300, TP9400, TP9500, TP9600, or TP9800 radios.*






VHF		
136-150MHz / GPS	Helical	T03-00340-BBAA
136-145MHz / GPS	Stubby	T03-00340-BDAA
144-154MHz / GPS	Stubby	T03-00340-BEAA
150-174MHz / GPS	Helical	T03-00340-BCAA
153-164MHz / GPS	Stubby	T03-00340-BFAA
163-174MHz / GPS	Stubby	T03-00340-BGAA

UHF		
400-480MHz / GPS	¼ Wave Whip	T03-00340-GAAA
400-480MHz / GPS	Stubby	T03-00340-GBAA
450-520MHz / GPS	¼ Wave Whip	T03-00340-HAAA
450-520MHz / GPS	Stubby	T03-00340-HBAA




## Programming & Service Accessories

Tools and cables for programming, managing and servicing Tait portable radios.

TP8000 / TP9000		COMPATIBLE WITH:
Programming & Calibration Kit	 T02-00031-0001	TM8100/8200/9300, TP8100/9300
USB to RJ11 Programming Cable	 T03-00118-0601	TM8100/8200/9300, TP8100/9300
Programming Adaptor	 T03-00118-0101	TP8100/9300/9400
Calibration Adaptor	 T03-00118-0201	TP8100/9300/9400
Calibration Low Pass Filter	 T03-00118-0202	TP8100/9300/9400
Radio Programming Lead	 TPA-SV-006	TP8100/9300/9400
Service Lead N-type to SMA RF	 TOPA-SV-006	TP8100/9300/9400/9500/9600/9800
Terminals Calibration Box	 TOPA-SV-024	TM8100/8200/9300, TP8100/9300
DC Service Adaptor	 T03-00011-FAAA	TP8100/9300/9400
Assembly Tool Kit	 T03-00118-5301	TP8100
Service Kit (includes all of the above EXCEPT Programming and Calibration Kit, Calibration Adaptor, and Radio Programming Lead)	 T03-00040-0001	TP8100/9300/9400

TP3		COMPATIBLE WITH
Programming Cable (1m)	 T03-00361-AAAA	TP3000
Calibration, Test & Programming Kit	 T03-00362-AAAA	TP3000
Radio Pressure Test Kit	 T03-00360-AAAA	TP3000

# INTRINSICALLY SAFE ACCESSORIES

**Electronic equipment can be an ignition source, hazardous in an explosive atmospheric environment**

Intrinsic Safety is one method of meeting safety standards in these environments. Detailed information about Intrinsically Safe standards can be found here: [www.taitcommunications.com/solutions/intrinsically-safe](http://www.taitcommunications.com/solutions/intrinsically-safe)

Tait offers Intrinsically Safe (IS) portable radios with limited electrical and thermal output for use in hazardous locations. Only Tait approved IS accessories can be used with Tait IS portable radios, as listed in this catalog.

The IS rating of the radio, battery, and accessories must be reviewed to ensure a safe IS radio system. IS ratings must be “matched”, and the lowest approval level determines the overall IS radio system approval. If non-IS accessories are used with IS radios, the radio system is not Intrinsically Safe.

Equipment labels clearly identify the item’s ratings.

Tait IS radios and accessories are certified to meet a number of compliance standards: **IECEX** (International), **ATEX** (Europe), **AEx** (USA), **Div1** (USA), **CaEx** (Canada), **INMETRO** (Brazil).

Each accessory in this catalog states which compliances apply.



IS

## Intrinsically Safe Batteries

### Tait portable radio Intrinsically Safe batteries

Intrinsically Safe batteries feature an anti-static surface pattern to reduce static electricity.

#### GENERAL TAIT BATTERY FEATURES

- ▶ Premium quality Li-Ion cells
- ▶ Over charge protection
- ▶ Over-current protection
- ▶ Thermal protection
- ▶ Over-discharge protection

#### BUILT TO EXCEED AND SURVIVE TAIT TOUGH AND MIL-STD810G DROP TESTS

- ▶ Strong attachment
- ▶ Rubberized corners

#### IS BATTERY



ExIS Li-Ion 2300mAh IECEx IIA	<b>T03-22001-ADAA</b>
ExIS Li-Ion 2300mAh IECEx IIC	<b>T03-22001-ADCA</b>
ExIS Li-Ion 2300mAh ATEX IIA	<b>T03-22001-ABAA</b>
ExIS Li-Ion 2300mAh ATEX IIC	<b>T03-22001-ABCA</b>
ExIS Li-Ion 2300mAh AEx IIA	<b>T03-22001-AAAA</b>
ExIS Li-Ion 2300mAh AEx IIC	<b>T03-22001-AACA</b>
ExIS Li-Ion 2300mAh CaEx IIA	<b>T03-22001-AEAA</b>
ExIS Li-Ion 2300mAh CaEx IIC	<b>T03-22001-AECA</b>
ExIS Li-Ion 2300mAh INMETRO IIA	<b>T03-22001-ACAA</b>
ExIS Li-Ion 2300mAh INMETRO IIC	<b>T03-22001-ACCA</b>
ExIS Li-Ion 2300mAh Div1	<b>T03-22001-AGAA</b>

#### For use with:

Use only Div1 batteries with Div1 radios (US Only)

Use only Gas Group IIC batteries with Gas Group IIC radios

Use only Gas Group IIA batteries with Gas Group IIA radios

IS

## Intrinsically Safe Chargers

### TP9000 IS Desktop Chargers

These Desktop Chargers are available as either a Single Charger or a convenient 6-Way Multi Charger. Choose the appropriate plug pack or cable for your region.

Chargers for IS batteries are marked with an IS circle logo. You must use these chargers with an IS battery, as their internal circuitry provides additional protection for the IS circuitry in the battery and radio.

#### THE TP9000 IS DESKTOP CHARGERS ARE COMPATIBLE WITH:

- ▶ TP9300/TP9400 IS portable radios \*
- ▶ Intrinsically Safe Batteries for the TP9300/TP9400 IS portable radios

\* Chargers must be selected according to required safety compliance.

#### SINGLE CHARGER



#### Single Charger with Plug Pack

- Australia/New Zealand IECEx/ATEX
- United Kingdom IECEx/ATEX
- Europe IECEx/ATEX
- United States/Canada TP93/94 IS
- Brazil INMETRO

- T03-22011-BDFA
- T03-22011-BDDA
- T03-22011-BDCA
- T03-22011-BABA
- T03-22011-BCEA

- There are options without plug packs.
- This is a desktop charger
- Charge radio with battery attached, or battery only

#### MULTI CHARGER (6-WAY)



#### 6-Way Charger with Mains Cable

- Australia/New Zealand IECEx/ATEX
- United Kingdom IECEx/ATEX
- Europe IECEx/ATEX
- United States/Canada AEx/CaEx
- Brazil INMETRO

- T03-22011-CDFA
- T03-22011-CDDA
- T03-22011-CDCA
- T03-22011-CABA
- T03-22011-CCEA

- There are options without mains cables.
- This is a desktop charger
- Charge up to six radios with batteries attached, or batteries only.

IS

## Intrinsically Safe Chargers

### TP9000 IS Vehicle Chargers

Our unique in-vehicle charger provides charging even in the toughest vehicle environments, ensuring batteries are optimally charged to keep users connected over long shifts. The vehicle charger can charge batteries connected to the radio, and also on their own.

This rugged in-vehicle radio charger securely holds the radio, exceeding crash-test requirements, minimizing in-vehicle hazards.

Chargers for IS batteries are marked with an IS circle logo. You must use these chargers with an IS battery, as their internal circuitry provides additional protection for the IS circuitry in the battery and radio.

#### THE TP9000 VEHICLE CHARGER IS COMPATIBLE WITH:

- ▶ TP9300/TP9400 IS portable radios

#### IS VEHICLE CHARGER



#### CHARGING SOLUTION FOR PORTABLE RADIOS

Charging portable radios within a vehicle is a vital aspect of everyday operation. Unforeseen events require the flexibility to charge portables radios while on operation, so you are always prepared. The Vehicle Charger has been designed for tough conditions to assure reliable charging, and also keep the portable radio secure.

#### EFFICIENT CHARGING

The charger displays charging information consistent with the other Tait chargers. Battery faults, charging cycle and ready batteries are clearly indicated.

#### SUITABLE FOR MOUNTING IN VEHICLE

This charger is supplied with a power cable, but no fasteners, and can be mounted in a variety of different ways, including installation against a vertical surface. When properly fitted, the charging radio is safe and secure. The charger is compatible with RAM® Mounts RAM-202U "Round Plate with Ball" – please see the [Vehicle Charger Installation Instructions](#) for more info.

Vehicle Charger IECEx/ATEX

IS Vehicle Charger **United States/Canada**

Vehicle Charger INMETRO

**T03-22011-DDAA**

**T03-22011-DAAA**

**T03-22011-DCAA**



## IS Intrinsically Safe Carry Accessories

Carry Cases provide a range of options to provide:

- ▶ Extra protection for your radio, minimizing damage wear and tear and prolonging the life of your investment
- ▶ Choice of options personal comfort and ease of use when carrying and using your radio.

Tait radios are Built Tait Tough to take the knocks – the Tait Belt Clip, and Optional Belt Clip adaptor provide:

- ▶ A low cost alternative to carry your radio
- ▶ Secure attachment, quick release, and improved RF coverage with the belt clip adaptor
- ▶ Full visibility of your radio, e.g. your high visibility color, blue for IS, custom labeling etc
- ▶ Full tactile and ergonomic access to the radio operation

Carry cases and belt clip adapters are very important tools for improving coverage by pushing the antenna farther from the body as the body can block or absorb signals.

*Note: belt clip & belt clip adaptor also applies to TP8100, TP9100, TP9461 and TP9361 IS radios*

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
	✓	✓	✓	✓	✓

### BELT CLIP



### Belt Clip 55mm

TPA-CA-201

Tough carry accessory.  
Comes standard in every radio package.  
Not included with spare batteries.  
Strong attachment, easy to remove without tools.

For use with: All TP8000/9000 radios

### BELT CLIP SWIVEL ADAPTOR



### Belt Clip adaptor for 55mm belt clip

TPA-CA-208

This adaptor provides secure, robust attachment of radio to your belt, allowing easy release for handheld operation. Avoiding interference with day-to-day tasks is critical for active staff.

- Unique, rugged accessory designed to last
- Allows the radio to securely swivel 15deg forwards and backwards from center, providing ergonomic but constrained movement for user comfort
- Provides low-cost, secure radio attachment
- Release mechanism allows for easy intentional release, but makes it extremely difficult for the radio to be unintentionally removed – perfect for public safety and security usage
- Improves radio range by angling the antenna away from the user's body

REQUIRES: TPA-CA-201

**IS**  
**Intrinsically Safe Carry Accessories**


**IS Portable Radio Carry Cases**

**HEAVY DUTY LEATHER**

- ▶ Keep your hands free and portable radio safe with a durable heavy leather case.
- ▶ Resilient and robust, the Heavy Duty Leather cases withstand the toughest conditions, allowing you to focus on the job.

IS leather carry cases are marked with an IS circle logo. The following carry cases have been approved for use with TP9300/TP9400 IS portable radios.

**IS CARRY CASE HEAVY DUTY LEATHER D-STUD BELT LOOP**



16 Key D-stud Belt Loop T03-22007-0001

**Features:**

- Belt loop is approx 55mm
- D-Stud for secure flexible attachment and easy release
- Improves coverage by pushing antenna farther from the body, as the body can block or absorb signals
- LCD screen window is made from anti-static material and IS marking.

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
	✓	✓	✓	✓	✓

**IS CARRY CASE HEAVY DUTY LEATHER SPRING CLIP**



16 Key Spring Clip T03-22007-0002

**Features:**

- Spring clip is approx 45mm
- LCD screen window is made from anti-static material and IS marking.

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
	✓	✓	✓	✓	✓

**IS**  
**Intrinsically Safe Carry Accessories**


**IS Portable Radio Carry Cases**

**HEAVY DUTY LEATHER (CONTINUED)**

- ▶ Keep your hands free and portable radio safe with a durable heavy leather case.
- ▶ Resilient and robust, the Heavy Duty Leather cases withstand the toughest conditions, allowing you to focus on the job.

IS leather carry cases are marked with an IS circle logo. The following carry cases have been approved for use with TP9300/TP9400 IS portable radios.

**IS CARRY CASE HEAVY DUTY LEATHER  
 16 KEY BELT LOOP**



16 Key Belt Loop **T03-22007-0003**


**Features:**

- Belt loop is approx 60mm
- LCD screen window is made from anti-static material and IS marking.

*Note: Must not be used with H7 band radios with whip antenna (TPA-AN-012)*

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
	✓	✓	✓	✓	✓

**IS CARRY CASE HEAVY DUTY LEATHER  
 BELT LOOP D-RINGS**



16 Key Carry Case Heavy Duty Leather D-Rings **T03-22007-0008**

**Features:**

- Product consists of the Heavy Duty Leather Belt Loop case with the addition of two D-rings, for attaching a shoulder strap (T03-00038-0034)

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
	✓	✓	✓	✓	✓


## IS Intrinsically Safe Carry Accessories

### IS Portable Radio Carry Case Accessories

- ▶ Enhance your carry options with a Chest Harness or Shoulder Strap, designed to work with the Heavy Duty Leather D-rings Carry Cases.

The following carry case accessories have been approved for use with TP9300/TP9400 IS portable radios.






#### IS CHEST HARNESS




Ex Leather Chest Harness T03-22007-0009

**Features:**

- Chest harness for T03-22007-0008

REGIONAL COMPLIANCE	 AEx   Div1	 CaEx	 ATEX	 INMETRO	 IECEx
	✓	✓	✓	✓	✓

#### SHOULDER STRAP








Shoulder Strap for Heavy Duty Leather Case T03-00038-0034

**Features:**

- Durable leather strap.
- Secure clasps to attach to Heavy Duty Leather Case.

**For use with:**

- Heavy Duty Leather D-rings carry cases (T03-22007-0008, T03-00038-00035, T03-00038-00036, T03-00038-00037)

REGIONAL COMPLIANCE	 AEx   Div1	 CaEx	 ATEX	 INMETRO	 IECEx
	✓	✓	✓	✓	✓

**IS**  
**Intrinsically Safe Carry Accessories**

**IS Battery Only Carry Cases**

**HEAVY DUTY LEATHER**

- ▶ Keep your spare battery on you so you've always got power at hand.
- ▶ Resilient and robust, Heavy Duty Leather cases withstand the toughest conditions, allowing you to focus on the job.

IS leather carry cases are marked with an IS circle logo. The following carry cases have been approved for use with TP9300/TP9400 IS batteries.

Battery not included.

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
	✓	✓	✓	✓	✓

**IS BATTERY ONLY CARRY CASE  
 HEAVY DUTY LEATHER**

**T03-22007-0004**

**IS BATTERY ONLY CARRY CASE  
 HEAVY DUTY LEATHER D-STUD BELT LOOP**

**T03-22007-0005** Belt loop is approx 55mm, D-Stud for secure flexible attachment and easy release

**IS BATTERY ONLY CARRY CASE  
 HEAVY DUTY LEATHER SPRING CLIP**

**T03-22007-0006** Spring clip is approx 45mm

**IS BATTERY ONLY CARRY CASE  
 HEAVY DUTY LEATHER BELT LOOP**

**T03-22007-0007** Belt loop is approx 60mm

IS

## Intrinsically Safe Carry Accessories

### Carry Case Spare Parts

- ▶ Heavy duty cowhide leather, provides a tough solution to secure your Carry Case.
- ▶ Suitable for all industries, these are designed to excel in the toughest environments.
- ▶ For use with D-Stud carry cases only (T03-22007-0001 and T03-22007-0005)

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEX
	✓	✓	✓	✓	✓

ATTACHMENT TYPE		
	Belt Loop for D-Stud 55mm	T03-00038-0022
	Spring Clip for D-Stud 40mm	T03-00038-0023

# INTRINSICALLY SAFE AUDIO ACCESSORIES

The right audio accessories can help you do your job more safely and effectively

Whether your team operates in a particularly noisy environment, or has a need for covert communications, Tait offers a range of audio accessories to make sure voice calls get through loud and clear. Only Tait approved IS accessories can be used with Tait IS portable radios, as listed in this catalog.

The IS rating of the radio, battery, and accessories must be reviewed to ensure a safe IS radio system. IS ratings must be “matched”, and the lowest approval level determines the overall IS radio system approval. If non-IS accessories are used with IS radios, the radio system is not Intrinsically Safe. IS accessories must be approved for the compliance region they are to be used in, and must have the correct ratings for their operating environment.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

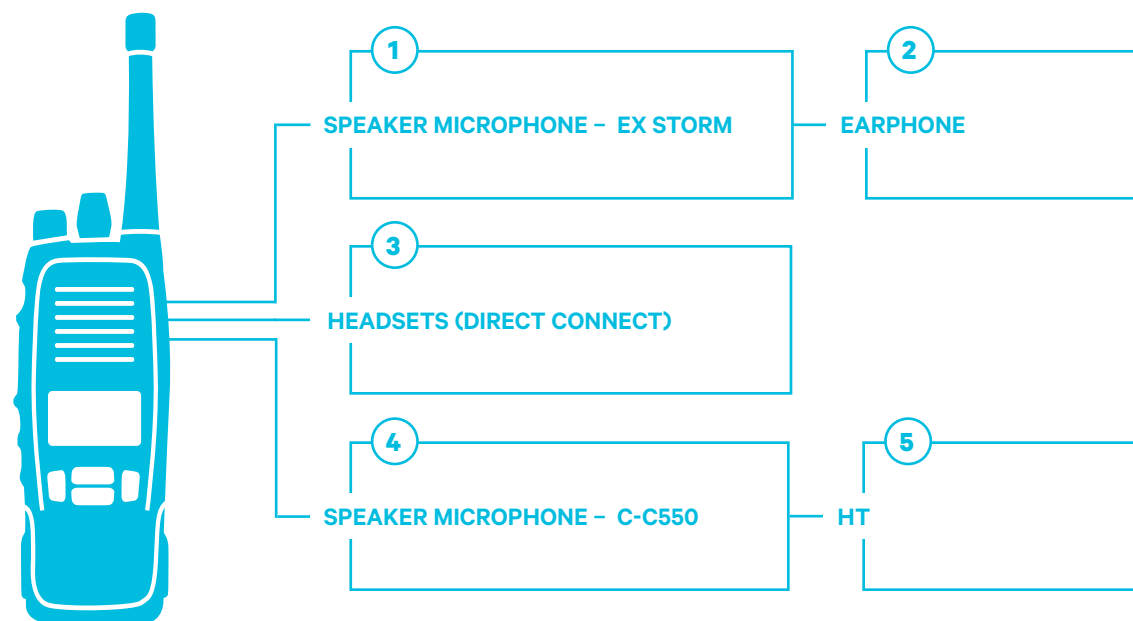




## Intrinsically Safe Audio Accessories Overview

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information



### CONNECTION TYPES



9-PIN SIDE PORT



2.5MM/3.5MM JACK



NEXUS CONNECTOR



## IS Intrinsically Safe Audio Accessories

### IS Speaker Microphone and Earphone

This speaker microphone offers a heavy duty, shoulder mounted extension of radio function, while your portable radio is securely fastened to your belt. Well suited to rugged work environments.

This earphone offers the option of discreet voice calls, and is great in environments where a loud speaker is inappropriate.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

1

#### EX STORM



Ex Speaker Microphone Storm IP68 E-Button  
2.5mm Jack (Ex/Div1)

**T03-22008-AAAB**

#### Features:

- Large PTT with positive tactile feedback
- Push-button high/low volume control below PTT
- Emergency button
- Compatible with a variety of radio models
- Exceeds MIL-STD-810F spec, 40mph blowing rain
- Immersion rated, fully sealed to IP68

#### For use with:

- TP9300/TP9400 IS portable radios

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
<b>T03-22008-AAAB</b>	✓	✓	✓	✓	✓

2

#### EARPHONE IN-EAR



Ex Earphone In-Ear 2.5mm  
Earphone In-Ear 2.5mm (Ex/Div1)

**T03-22008-CAAA**

**T03-22008-CAAB**

#### Features:

- Professional grade
- Discreet, flexible, transparent acoustic tube
- Designed to fit either the left or right ear
- Lightweight ear piece
- Quick disconnect earphone adapter for easy acoustic tube replacement

#### For use with:

- Ex Storm

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
<b>T03-22008-CAAA</b>	✓ AEx only	✓	✓	✓	✓
<b>T03-22008-CAAB</b>	✓ AEx   Div1	✓	✓	✓	✓

## IS Intrinsically Safe Audio Accessories

### IS Headsets – Direct Radio Connection

Headsets offer the best noise reduction for receiving calls in high noise environments.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

These headsets connect directly to your radio via the 9-pin side port.

3

#### EX HEADSET HEAVY DUTY OVER HEAD



Ex Heavy Duty Over Head Headset  
Headset Heavy-Duty Overhead (Ex/Div1)

**T03-22008-BAAA**

**T03-22008-BAAB**

#### Features:

- Rotating boom for left or right positioning
- Flexible, noise cancelling boom microphone with replaceable windscreen
- In-line PTT in cable
- Comfortable, cloth-covered ear seals

#### For use with:

- TP9300/TP9400 IS portable radios

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
<b>T03-22008-BAAA</b>	✓ AEx only	✓	✓	✓	✓
<b>T03-22008-BAAB</b>	✓ AEx   Div1	✓	✓	✓	✓

3

#### EX HEADSET HEAVY DUTY BEHIND HEAD



Headset Heavy-Duty Behind-Head (Ex/Div1) **T03-22008-BABB**

#### Features:

- Designed for use with a helmet or hat
- Discreet c-style headband for comfortable, stable fit
- In-line PTT
- Flexible, noise cancelling boom microphone with replaceable windscreen
- Improved ear seal design delivers advanced noise reduction and superior comfort

#### For use with:

- TP9300/TP9400 IS portable radios

REGIONAL COMPLIANCE	AEx   Div1	CaEx	ATEX	INMETRO	IECEx
<b>T03-22008-BABB</b>	✓	✓	✓	✓	✓

## IS Intrinsically Safe Audio Accessories

### IECEX/ATEX IS Speaker Microphones

These speaker microphones offer a heavy duty, shoulder mounted extension of radio function, while your portable radio is securely fastened to your belt. Well suited to rugged work environments.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

4

#### C-C550 EX SPEAKER MIC



Ex Spkr Mic C-C550 IP67 E-button 4Pole  
ATEX/IECEX

T03-22008-AACA

#### Features:

- The C-C550 is a remote speaker microphone, manufactured by Savox, and interfaces to a range of Savox Intrinsically Safe headsets
- The C-C550 enables effective remote communications with the radio positioned under clothing and when wearing heavy gloves.
- Remote activation of the radio's emergency button provides an additional safety feature
- Rugged, dust proof and water immersible
- Two PTTs – adapts to different use scenarios as a handheld RSM or as a PTT on the chest
- Excellent tactile feel and operation even with thick gloves
- Exceptional speaker audio performance in noisy and harsh environments

#### For use with:

- TP9361, TP9461

REGIONAL COMPLIANCE	AEx	CaEx	ATEX	INMETRO	IECEX
			✓		✓

## IS Intrinsically Safe Audio Accessories

### IS Headsets for C-C550

These are specialist headsets designed for particular applications such as helmets and earmuffs.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

These headsets are only for use with the C-C550 Ex Speaker Mic (T03-22008-AACA).

REGIONAL COMPLIANCE	AEx	CaEx	ATEX	INMETRO	IECEX
			✓		✓

5

#### EX SKULL MICROPHONE SAVOX



Ex Skull Microphone Savox HC-1 4 Pole ATEX/IECEX

T03-22008-DABA

#### Features:

- Mounts in almost any type of helmets without tools
- Speech picked up through bone vibration on skull
- Compatible with breathing mask units
- Durable and light weight
- Protected from rough use by the helmet
- Ready for use when helmet is worn
- Minimizes transmission of background noise

#### For use with:

C-C550 Ex Speaker Mic

5

#### EX SKULL MICROPHONE SAVOX HC-2



ExSkull Microphone Savox HC-2 4 Pole ATEX/IECEX

T03-22008-DACA

#### Features:

- Similar to the HC-1 except that it has two speakers, for added audio performance in noisy situations

#### For use with:

C-C550 Ex Speaker Mic

## IS Intrinsically Safe Audio Accessories

### IS Headsets for C-C550

These are specialist headsets designed for particular applications such as helmets and earmuffs.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

These headsets are only for use with the C-C550 Ex Speaker Mic (T03-22008-AACA).

5

#### EX HEADSET SAVOX HC-E



Ex Headset Savox HC-E 4 Pole ATEX/IECEX **T03-22008-BACA**

**Features:**

- Lightweight, helmet mounted headset with integrated electric mic
- Voice sensitive electric microphone integrated within the speaker housing
- Easily mounts into most types of helmets
- Affordable helmet headset option
- 4-pole connector
- Robust and easy to use

**For use with:**

C-C550 Ex Speaker Mic

5

#### EX HEADSET SAVOX L-H



Ex Headset Savox L-H 4 Pole ATEX/IECEX **T03-22008-BADA**

**Features:**

- Can be comfortably strap-mounted to safety helmets
- Flexible noise canceling boom mic
- Lightweight
- Universal strap included

**For use with:**

C-C550 Ex Speaker Mic

REGIONAL COMPLIANCE	AEx	CaEx	ATEX	INMETRO	IECEX
			✓		✓

IS

## Intrinsically Safe Audio Accessories

### IS Headsets for C-C550

These are specialist headsets designed for particular applications such as helmets and earmuffs.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

These headsets are only for use with the C-C550 Ex Speaker Mic (T03-22008-AACA).

5

#### EX HEADSET SAVOX NOISE-COM 400

Ex Headset Savox Noise-COM 400 ATEX/IECEX   **T03-22008-BAHA**



**Features:**

- Hearing protection headset provides superior audio quality
- Can be attached to a wide range of construction helmets
- Replaceable microphone boom and ear cushions
- Robust and durable
- Helmet is not included

**For use with:**

- C-C550 Ex Speaker Mic

REGIONAL COMPLIANCE



AEx



CaEx



ATEX



INMETRO



IECEX



✓ (IIC)

## IS Intrinsically Safe Audio Accessories

### IS Throat Mic and Earpiece for C-C550

A comfortable throat microphone for communication in high-noise environments or other extreme conditions. Enables even whispered communication.

An IS audio accessory is identified by either:

- ▶ An IS circle logo on the audio accessory
- ▶ A label on the audio accessory, showing IS information

This accessory is only for use with the C-C550 Ex Speaker Mic (T03-22008-AACA).

REGIONAL COMPLIANCE	AEx	CaEx	ATEX	INMETRO	IECEx
			✓		✓

5

#### EX THROAT MIC EAR D-RING SAVOX



Ex Throat Mic Ear D-ring Savox TC-! 4 Pole ATEX/IECEx

T03-22008-EAAA

#### Features:

- Sensitive throat microphone
- Speech picked up through bone vibration at throat
- Clear audio in high noise environments
- Enables whispered communication; only light pressure is needed
- Flexible, washable fabric neck band is soft and comfortable to wear
- Can be worn with or without helmet, with passive hearing-muffs, protective suits, face masks, hoods or when boom microphone headset is not practical for wear

#### For use with:

C-C550 Ex Speaker Mic

## IS Antennas for Tait Portables

### TP8000/TP9000 Antennas

Antennas for frequencies supported by Tait portable radios.

#### SELECT THE RIGHT ANTENNA FOR YOUR JOB

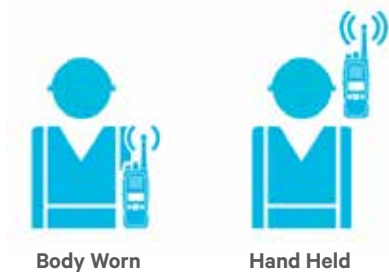
Tait radio antennas are available in **Whip** and **Helical** variants for each frequency band. Whip antennas are typically longer, and offer greater coverage. Helical antennas are typically shorter, but offer less coverage.

- ▶ If your radio users prioritize coverage over a compact antenna, we recommend you select the Whip variant.
- ▶ If your radio users prioritize a compact antenna over coverage, we recommend you select the Helical variant.



#### OPTIMIZING COVERAGE

Whichever antenna you choose, a radio that is hand-held will offer greater coverage than a radio that is worn on the body, as the human body can block or absorb radio signal. See our Carry Accessories section for the right carry option for your users.



VHF				
136-151MHz	Helical	165mm		TPA-AN-002
150-162MHz	Helical	165mm		TPA-AN-003
162-174MHz	Helical	165mm		TPA-AN-004
155-167MHz	Helical	165mm		TPA-AN-032
136-174MHz	Wideband Helical	219mm		TPA-AN-034
UHF				
320-380MHz	¼ Wave Whip	200mm		TPA-AN-035
378-470MHz	¼ Wave Whip	160mm		TPA-AN-037
400-470MHz	¼ Wave Whip	160mm		TPA-AN-011
450-520MHz	¼ Wave Whip	135mm		TPA-AN-012*
320-380MHz	Helical	94mm		TPA-AN-036
378-470MHz	Helical	74mm		TPA-AN-038
400-470MHz	Helical	74mm		TPA-AN-013
450-520MHz	Helical	67mm		TPA-AN-015
700 / 800 / 900MHZ				
762-870MHz	½ Wave Whip	180mm		TPA-AN-022

\* Note: Not approved for use with carry case T03-22007-0003 (IS Heavy Duty Leather 16 Key Belt Loop) in FCC jurisdictions.





**IS**  
**Intrinsically Safe  
 Programming & Service  
 Accessories**

Only IS programming adapters can be used when programming Intrinsically Safe Portables, also required for loading encryption keys via Tait Key Fill Device.

TP8000 / TP9000		COMPATIBLE WITH:
TP93/94 Programming Adaptor AEx/ CaEx	 <b>T03-22009-AAAA</b>	TP9361, TP9358, TP9368, TP9461,
TP93/94 Programming Adaptor IECEx / ATEX	 <b>T03-22009-ADAA</b>	TP9361, TP9461

## Appendix

### Savox BT-COM Discrete RSM TT0012-0001

Tait portables support these Bluetooth® devices; however the following limitations are known (refer to Technical Note TN-3154):

If the BT-COM Bluetooth® device is carried out of range of the radio (10m+) whilst connected, it does not automatically reconnect when it returns within range of the portable – without both the Savox device and portable radio being power-cycled.

Savox devices do not identify themselves individually by, for instance, serial number, so when pairing it is suggested only one device is in pairing mode when several are nearby.

If pressing and releasing the Savox BT-COM PTT results in ‘a single beep heard in the earbud speaker’, it is likely to be on the edge of a flat battery in the Savox device. This tends to occur before the BT-COM advises the user with low battery warnings.

Older models of TP9300 and TP9400 can experience radio resetting when manually re-connecting to these Savox devices. This issue is resolved by using the 2021 software releases for these portables.



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