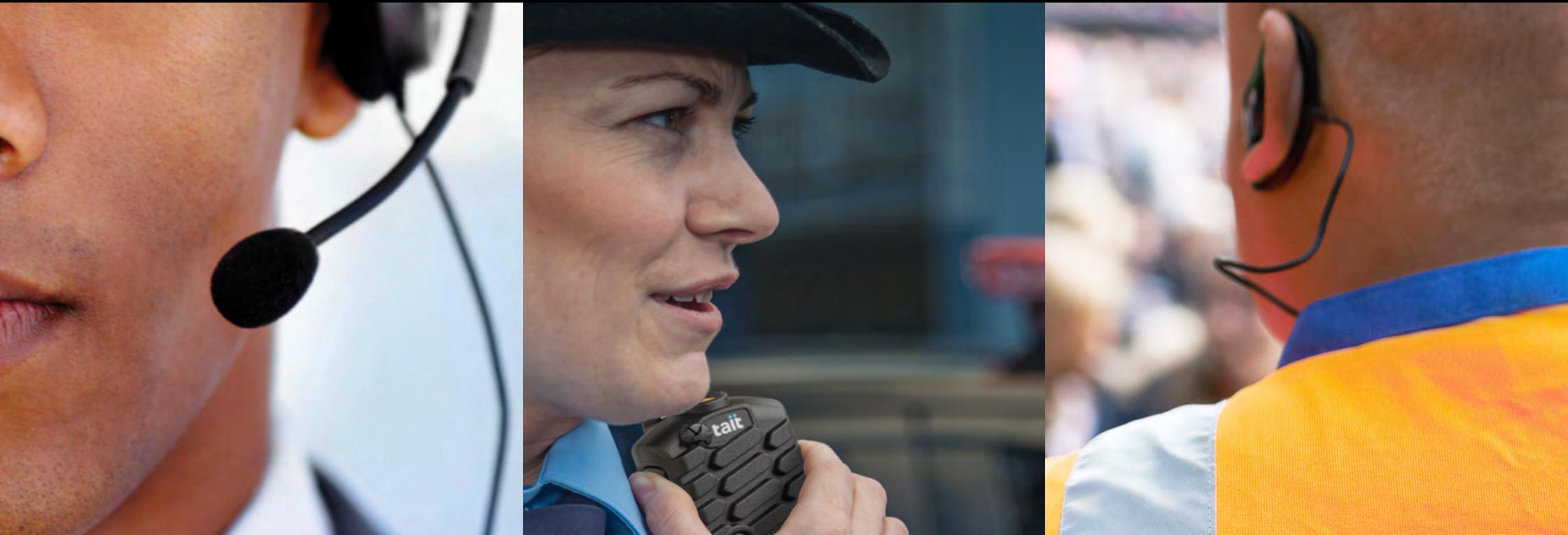# PORTABLE RADIOS
OPTIONS & ACCESSORIES

DMR | P25 | ANALOG

Optimize and tailor your
communications experience

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.

If you have any questions regarding product suitability please contact your Tait representative.

TERMS AND CONDITIONS OF SALE:

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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.

Contents

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.

SYMBOLS USED IN THIS DOCUMENT

🟦🟨 **ITEM CODE**

IS Intrinsically Safe
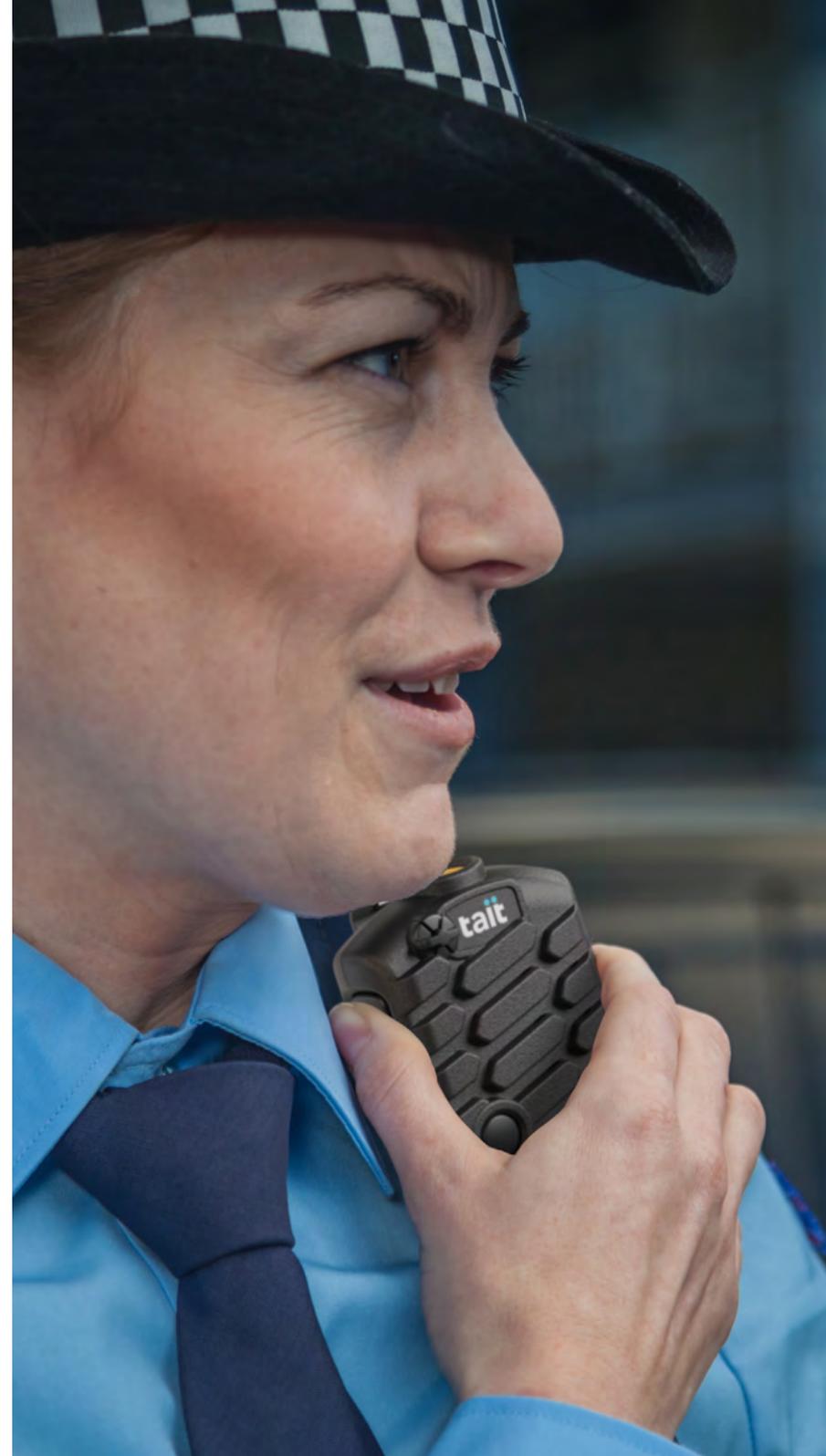
Control Options

Large, Easy Grip Control Options

Users can now choose between either standard controls or easy grip controls. Large controls are ideal for any users in any industry when thick safety gloves are worn, but can also be of assistance to any user without gloves for easier identification of the volume and channel change controls that are significantly different to each other compared to their standard counterparts.

Note: Easy grip controls are compatible with TP95/96/97/98, but do not fit TP93/9400 portables — easy grip control knobs are standard for the TP9900 Multiprotocol Portable.

LARGE CONTROL KNOBS (SET)

TP95/96/97/98 Spares Kit x1 set Large Control Knobs   **T03-00082-0012**

TP95/96/97/98 Spares Kit x20 set Large Control Knobs   **T03-00082-0013**

- Pack of 1 or 20 sets of Large Control Knobs as pictured
- Designed with gloved radio users in mind, easily adjust volume and change channels without interference
- Knobs come standard with the TP9900 Multiprotocol Portable

For use with:
- TP9500, TP9600, TP9700, and TP9800

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

STANDARD VOLUME AND CHANNEL CONTROLS
TP95/96/97/9800 volume control angles away from the channel controller for easier grip.

LARGER, EASY-GRIP, VOLUME AND CHANNEL CONTROLS
TP95/96/97/9800 volume control angle allows the larger volume control to be fitted.

TP9300/9400 STANDARD CONTROLS
TP93/9400 controls both angle straight up, so the larger volume control does not fit.

Batteries

TP9000 Portable Radio Batteries

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

We recommend the 3300mAh High Capacity Battery
for best shift life in demanding applications such as high
duty-cycle operations or long shifts.

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**

High Capacity Li-Ion 3300mAh   **T03-00011-EAAB**

	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
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:
TP9000

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

*Expected shift life varies between models and modes of operation - please refer
to individual radio specification sheets for the expected shift life for each model.*

Batteries

TP9800 AA Battery Pack / Clamshell

Increase worker safety when you're in remote areas where power may not be available for rechargeable batteries. AA batteries are readily available and can be stockpiled for extended remote operations.

AA BATTERY PACK / CLAMSHELL

AA BATTERY PACK

T03-00011-HAAA

- Fits 12 x AA 1.5V dry cell alkaline batteries (lithium rechargeable batteries are not supported and should not be used).
- Exceeds 8 hours shift life at 2W power (10/10/80) in analog or P25 Phase 1 digital modes (US Department of Interior specification).
- Tait Tough:
  - Designed to IP67 dust and waterproof rating, drop tested and MIL-STD810 514.8 Vibration tested.
  - The base of the Tait clamshell features the same two-shot rubber molding that is found on the corners of TP9000 portables and batteries.

For use with:
- TP9800 with custom software loaded

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

Batteries not included.

Available in North America, Compliance Pending for Europe, Australia and New Zealand

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-Bay Multi Charger.

Charge up to six radios with batteries attached or batteries only on multicharger modules.

TP9 MULTICHARGER

TP9-MC6 - 6 Bay Charger with Power Supply

- Includes External Power Supply — T03-00013-CAAA
- IEC-C13 mains cables are sold separately to the 6-Bay Charger

Australia/New Zealand IEC-C13 Mains Cable	219-01000-00
United Kingdom IEC-C13 Mains Cable	219-01001-00
Europe IEC-C13 Mains Cable	219-01002-00
North America IEC-C13 Mains Cable	219-01561-00
Replacement Power Supply	T03-00321-AAAA

- External Power Supply
- IEC-C13 mains cables are sold separately to the Spare Power Supply
- 1amp power, charging speed is 470mAh/hour
- Plastic housing
- Mounting points for 3rd party wall brackets

For use with:
- TP9000 radios and batteries

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

TP9 FAST MULTICHARGER

TP9-MC6-Fast - 6 Bay Charger with Internal Power Supply, No Mains Cable, No Wall Mounting Kit	T03-00013-AAAA
With Australia/New Zealand IEC-C13 Mains Cable[1]	T03-00013-ABAA
With United Kingdom IEC-C13 Mains Cable [1]	T03-00013-ACAA
With Europe IEC-C13 Mains Cable [1]	T03-00013-ADAA
With North America IEC-C13 Mains Cable [1]	T03-00013-AEAA
Wall Mounting Kit	TPA-CH-012

- Charges twice as fast as the T03-00013-CAAA, at 2amp power, charging speed is 940mAh/hour
- Metal housing - includes internal power supply
- Wall mounting kit available

For use with:
- TP9000 radios and batteries

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

[1] These part numbers all include wall mounting kit, and mains cable.

Chargers

TP9000 Desktop Chargers (continued)

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

Charge up to six radios with batteries attached or batteries only on multicharger modules.

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
- Plastic containment housing

For use with:
- TP9000 radios and batteries

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

Chargers

TP9000 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.

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

For use with:

- TP9000 radios and batteries

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.

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.

For use with:
- TP9000 radios and batteries

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.

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.

For use 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**

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

Chargers

Wearable Chargers

This 6 Bay Multi Charger is available for TWX550 devices to enable easy charging for multiple devices in a central location. Additional flexibility is offered through regionalized plug packs.

For use with: TWX550 Wearable

TWX550 6 BAY MULTICHARGER

6 Bay Multi Charger for TWX550 devices
- Includes External Power Supply
- IEC-C13 mains cables are sold separately to the 6-Bay Charger

TWX550-MC6

Australia/New Zealand IEC-C13 Mains Cable **219-01000-00**

United Kingdom IEC-C13 Mains Cable **219-01001-00**

Europe IEC-C13 Mains Cable **219-01002-00**

North America IEC-C13 Mains Cable **219-01561-00**

Spare/Replacement Power Supply **T03-00321-AAAA**

- External Power Supply
- IEC-C13 mains cables are sold separately to the Spare Power Supply

For use with:
- TWX550 Wearable

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-Bay Multi Charger.

For use with: TP3000 radios and batteries.

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

For use with:
- TP3000 radios and batteries

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

MULTI CHARGER (6-BAY)

6-Bay Charger with Power Supply
- Includes External Power Supply
- IEC-C13 mains cables are sold separately to the 6-Bay Charger   **TP3000-CH6**

6-Bay Charger Spare Power Supply	**T03-00321-AAAA**
Australia/New Zealand IEC-C13 Mains Cable	**219-01000-00**
United Kingdom IEC-C13 Mains Cable	**219-01001-00**
Europe IEC-C13 Mains Cable	**219-01002-00**
North America IEC-C13 Mains Cable	**219-01561-00**
Brazil IEC-C13 Mains Cable	**219-01007-00**

- Specifically for TP3300 radios
- Supplied with an external Power Supply (6A, 12V), but spare power supplies are available
- IEC-C13 mains cables are sold separately to the 6 Bay Charger

For use with:
- TP3000 radios and batteries

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

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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:

• 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

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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, T03-00079-0007)

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	T03-00038-0019
TP9300/9400 4 Key Variant	T03-00038-0020
TP9300/9400 4 Key / 16 Key Variant	T03-00038-0021
TP9500/9600/9700/9800/9900 4 Key / 16 Key Variant	T03-00079-0005

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
TP9500/9600/9700/9800/9900 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 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

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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
TP9500/9600/9700/9800/9900 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
TP9500/9600/9700/9800/9900 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
- Includes 3-way nylon chest harness straps

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 Cases – Universal

NYLON

▸ Secure your radio in a comfortable, stable position with the 3-way chest harness.

▸ Features an adjustable radio holder and zippered pocket.

TP CARRY CASE HARNESS 3-WAY

TP Carry Case Harness 3-way Nylon HiVis w/pocket   **T03-00053-0103**

TP Carry Case Harness 3-way Nylon Black w/pocket   **T03-00053-0104**

Features:

- Secure and comfortable strapping system
- Padded back for comfort and structure
- Compatible with all Tait portable radios
- Durable materials for long service life
- Easy access zip pocket for notebook/map, phone, or spare battery
- Secure, replaceable radio retention straps with easy adjustment

DIMENSIONS

- Weight (unladen) 210g
- Height 23cm
- Width 19cm
- Zip length 16.5cm
- Waist Strap length 126cm max., width 2.5cm
- Shoulder Strap length 89cm max., width 3.8cm

FABRICS/MATERIALS

- EVA foam for stability, 4mm
- Nylon Oxford fabric, PU coated and showerproof
- PVC radio patch for high abrasion resistance
- High retention shockcord
- Metal hook adjust
- YKK zip with metal slider, acetate buckles and triglides
- 30 and 60 weight thread

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

tait
communications

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.
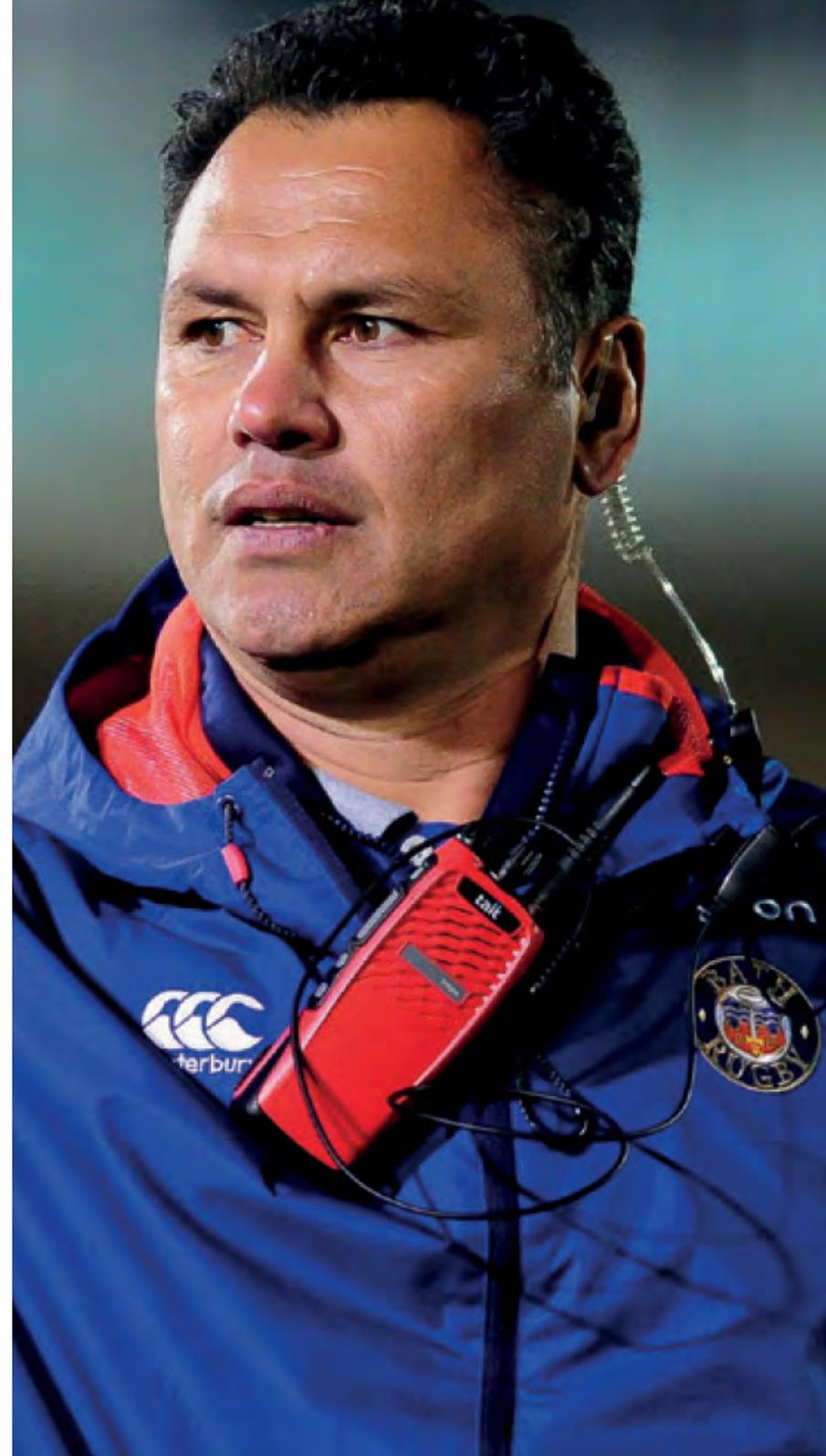
Audio Accessories for Tait Portables

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** 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.
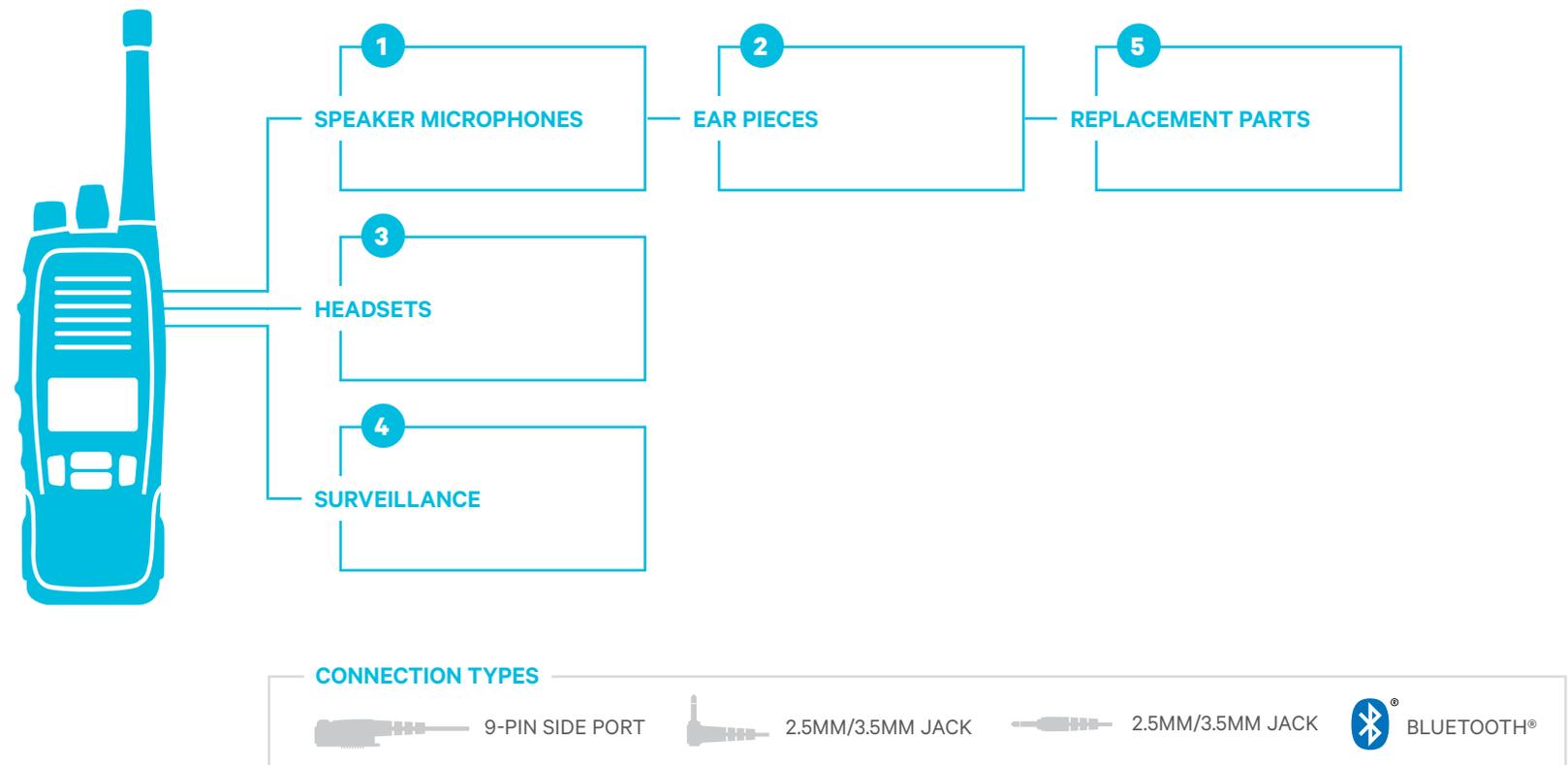
HYGIENE ISSUE?

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.

1 SPEAKER MICROPHONES

2 EAR PIECES

5 REPLACEMENT PARTS

3 HEADSETS

4 SURVEILLANCE

CONNECTION TYPES

9-PIN SIDE PORT   2.5MM/3.5MM JACK   2.5MM/3.5MM JACK   BLUETOOTH®

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:

- TP9000, TP3000

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:

- TP9000, TP3000

*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.

Video: Learn More

TSM4

60.3mm (2.37in)

82.6mm (3.25in)

28.2mm (1.11in)
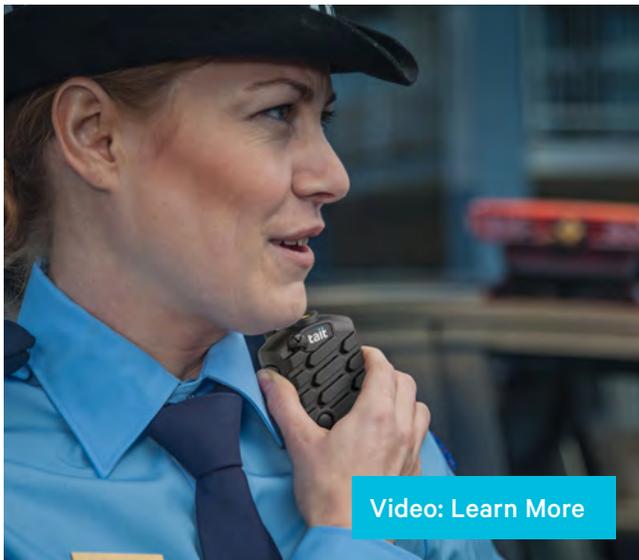
TSM4 Speaker Mic Heavy Duty Long Cable ▮▮ **T03-00045-PCAA**
TSM4 Speaker Mic Heavy Duty Short Cable ▮▮ **T03-00045-PCEA**

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) or short cable option 0.9m (3ft), 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:

- TP9000, TP3000

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.

PTT Button Options

RECESSED PTT BUTTON	LARGE PTT BUTTON
Protects from accidental PTT activation	(Non-Recessed) Easier PTT activation when wearing gloves
T03-00045-PCAA T03-00045-PCEA	T03-00045-PCDA

TSM4 LARGE PTT

60.3mm (2.37in)

82.6mm (3.25in)

28.2mm (1.11in)

TSM4 Speaker Mic Heavy Duty Large PTT, Long Cable   **T03-00045-PCDA**

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)
- Heavy duty cable with extended length 1.5m (5ft)
- Large Push-to-Talk button
- Glove-friendly orange programmable emergency and function button
- Additional programmable function button
- Large 360 degree rotating clip
- 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:

- TP9000, TP3000

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

Audio Accessories

Replacement Kits 5

TSM3, TSM3e, TSM4

Replacement parts for your TSM3, TSM3e, or TSM4 Speaker Microphones.

TSM3/TSM3e SPARES KIT LAPEL CLIP C/W SCREWS

T03-00053-0201

TSM4 SPARES KIT LAPEL CLIP C/W SCREWS

T03-00053-0202

TSM4 SPARES KIT COIL CABLE

Standard Coil (1.5m / 5ft extended)   T03-00053-0203
Short Coil (0.9m / 3ft extended)   T03-00053-0207

TSM4 SPARES KIT RUBBER BUNG 3.5MM 5PCS

T03-00053-0204

Audio Accessories

Speaker Microphones (Continued)

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

The TWX550 increases worker safety and productivity by enabling movement between communications networks and access to applications using a compact, wearable broadband device with heads-up operation.

TWX550

TWX550 - North America	**TWX556**
TWX550 - Asia-Pacific	**TWX553**
TWX550 - Europe	**TWX553**
Portables Cable Connection (TP9300/9500)	**TWX55000-TCTP9**

Features:

MAXIMUM CONNECTIVITY

- Operates as a smart speaker microphone when connected with any TP9300, TP9500, and TP9700 Portable Radio
- Broadband connection via WiFi and LTE (optional - requires Tait TeamPTT or Tait PTToX service)
- Location services options utilizing GNSS

HIGH QUALITY AUDIO

- 3W Speaker
- 3.5m headset audio jack

TOUGH, USER-FRIENDLY, ERGONOMIC DESIGN

- Full-color OLED display screen extends the radio display to be easily reached and seen without removing the radio from your belt and is easily seen while wearing polarized glasses.
- Large, protected Push-to-Talk button
- Glove-friendly orange programmable emergency and function button
- Additional programmable function button
- IP68 dust and water proof, IP65 protection from water jets
- Complies with 810H Military Standard
- Dimensions (DxWxH excluding clip): 51mm (2.0in) x 72mm (2.8in) x 113mm (4.4in)

For use with:

- TP9300. TP9500, and TP9700 Portable radios

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

Audio Accessories

Speaker Microphones ①

HEAVY DUTY

The C-C550 Remote Speaker Microphone is designed for Fire Fighting and Heavy Industry applications.

High temperature option rated to 500°F (260°C) for 5 minutes.

Features a Nexus connector for a wide range of audio accessories, including SCBA.

SAVOX C-C550

| C-C550 Standard with 27.9" (710mm) Cable | **T03-00045-MAAA** |
| C-C550 High-Temp with 19.3" (490mm) Cable | **T03-00045-MAFA** |

Features:

ENVIRONMENTAL RATINGS

- IP67, IP66, MIL-STD810G
- Flammability rating UL 94 V-0
- Operational temperature min/max: -40°F/185°F (-40°C/85°C) Continuous
- High temperature rating: 500°F (260°C) for 5 minutes for T03-00045-MAFA

SPEAKER

- 3W Max power (rated 2W at 100dB SPL at 11.8"/30cm)
- Distortion 15% max (300-3kHz at 2W at 11.8"/30cm)
- Size 2" (50mm)

CONNECTORS

- Headset connector - Quick-release 4-pole female connector (QR4) - Savox wiring
- 3.5mm jack

TOUGH, USER-FRIENDLY, ERGONOMIC DESIGN

- Microphone – Omnidirectional, -39db sensitivity (+-2db)
- 2 x PTT buttons, top and front
- Emergency Function Key
- Programmable Function Key
- 360° Rotating Clip
- Dimensions (excluding cable): L x W x H: 3.1 x 1.5 x 4.5" (79 x 37 x 115 mm)
- Weight: 6oz (170g)
- Cable Length:
   - 19.3" (490mm) for T03-00045-MAFA High Temp Cable
   - 27.9" (710mm) for T03-00045-MAAA Standards Cable

For use with:

- TP9000

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

Audio Accessories

Headsets for C-C550

A range of headset options are available to connect to the C-C550, designed for specialist applications such as helmets and high noise environments. All C-C550 headset options feature a 4-pin quick release connector.

HEADSET – BEHIND HEAD

TP9 Headset Savox L-H Behind-Head Noise-cancel 4-pole **T03-00046-LHAA**

Features:
- Light weight (60g)
- IP54 Dust and water protection
- Supreme comfort for extended wear
- Operating temp −40°C to +85°C
- Flexible noise cancelling microphone suitable for noisy environments
- Can be used/worn behind the neck, or the neckband can be removed to allow the headset to be mounted into most helmets
- 4-pin quick release connector

For use with:
- C-C550 Speaker Mic T03-00045-MAAA or T03-00045-MAFA

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

HEADSET – THROAT MIC

TP9 Headset Savox TM-1 Throat Mic Noise Cancel 4-pole D-ring ear **T03-00046-MLAA**

Features:
- Operational temperature min/max −25°C/+63°C
- Weight 86 g
- All materials according to UL 94 V-0
- 4-pin quick release connector

For use with:
- C-C550 Speaker Mic T03-00045-MAAA or T03-00045-MAFA

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

Audio Accessories

Headsets for C-C550

A range of headset options are available to connect to the C-C550, designed for specialist applications such as helmets and high noise environments. All C-C550 headset options feature a 4-pin quick release connector.

HEADSET – BONE CONDUCTIVE

TP9 Helmet Headset Savox HC-1
Bone Conduct Mic Noise Cancel 4-pole　　**T03-00046-NMAA**

Features:

- Operational temperature: min/max -25°C/85°C
- Weight: 88g
- Universal fastening strap mounts easily to various helmets and includes speaker adapters for MSA Gallet helmets.
- Ingress protection IP56
- All materials according to UL 94 V-0
- 4-pin quick release connector

For use with:

- C-C550 Speaker Mic T03-00045-MAAA or T03-00045-MAFA

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

HEADSET – HELMET
WITH BOOM MICROPHONE

TP9 Headset Savox HC-100 Helmet-Com
Boom Mic Noise-cancel 4-pole　　**T03-00046-HGAA**

Features:

- Universal fastening arm and strap assembly that easily mounts into most types of helmets.
- Weight: 135g
- Operational temperature: min/max -40°C/80°C
- Robust, designed to withstand a 6'6" (2m) drop onto a flat, hard surface
- All materials according to UL 94 V-0
- 4-pin quick release connector

For use with:

- C-C550 Speaker Mic T03-00045-MAAA or T03-00045-MAFA

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	T03-00045-JFAA
Evolution 3.5mm Ear Piece Jack	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:

- TP9000, TP3000

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:

- TP9000, TP3000

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:
- TP9000, TP3000

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

NOTE: The Genesis Speaker Mic is now End of Life. Last time buys are possible - please contact your local Tait Dealer, or consider alternative options such as the **TSM4 Speaker Mic** *or Savox C-C550.*

Audio Accessories

Speaker Microphones ①

WIRELESS

These speaker microphones offer a shoulder mounted extension of radio function, such as push-to-talk 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 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.

NIGHTHAWK LAPEL MIC

- 3.5mm Audio Jack
- Earpiece
- Microphone element
- PTT Button
- Volume Control
- USB Charging Port
- Multi Function Button (MFB)

- Soft, comfortable gel material
- Rounded tip for extra comfort
- Open skeleton design allows more ambient sound to travel through
- Smaller cone for less ear fatigue

Lapel Mic Nighthawk Bluetooth® with 3.5mm earpiece   TTP-00047-0001

Features:
- Talk time 12hrs / Standby 80hrs
- USB rechargeable li-ion battery, battery is replaceable
- 10m (32ft) operational range
- 3.5mm audio jack supports external earpiece or external microphone
- Fin Ultra™ Eartip, unique design for all-day comfort:
  - Soft silicone gel for flexibility and comfort
  - Large cutouts allow more ambient sound for higher situational awareness
  - Replaceable acoustic eartube
- Rotating clip
- IP65 rating
- Covert mode
- Multifunction button for easy pairing, on/off, accept/end calls

Specifications:
- Bluetooth® version and RF spec – Bluetooth® 3.0, Class 2
- Encryption – 128 bit key encryption
- Frequency range – 2.4000 - 2.4835GHz
- RF Power / Sensitivity – 6dB / -90dB
- Audio output bandwidth – 20Hz ~ 20kHz
- Audio input SNR @ 8hKz – 79dB
- Average standby current – 6mA
- CMRR – 50dB
- Operating temperature -15°C ~ 50°C
- Storage temperature -25°C ~ 60°C

For use with:
- TP9000

Compliance:
- FCC (US), CE (Europe), and RCM (NZ, Australia) compliance

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

Audio Accessories

Speaker Microphones (1)

WIRELESS

These speaker microphones offer a 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 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   **TTP-00045-0001**

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:

- TP9000, TP3, Android/IOS smartphones with PTT applications, TMX450, and TM9000 with TU2000M3 fitted

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)

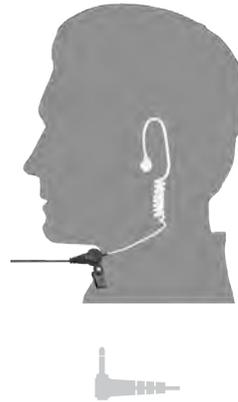*Not for use with Intrinsically Safe or Non-Incendive radios.*

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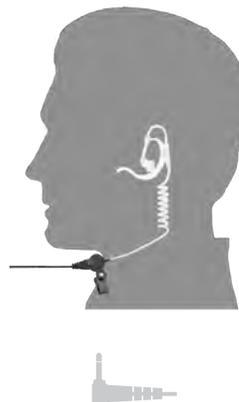
Features:
- Commercial grade
- Soft rubber ear piece
- Discreet, unobtrusive acoustic tube
- Length: approx. 361mm
- Designed to fit either the left or right ear

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.

![tait communications logo]

Audio Accessories

Headsets (3)

TH3 with overhead headband and adjustable boom mic

TH3 with overhead headband and PTT on Ear Cup

TAIT TH3 HEARING PROTECTION HEADSET

TH3 Overhead

T03-00046-KJAA

The Tait TH3 hearing protection headset is engineered for Tait portable radios, designed to protect hearing and enable effective two-way communications in high noise environments such as for mining operations, utilities, rail and other heavy industries.

Features:

- Meets global hearing protection standards (details in table below)
- PTT on Ear Cup
  - Easy to locate and use
- Noise-canceling boom microphone with adjustable length:
  - Microphone filters out background noise to provide audio focussed on clear speech
  - Quick and easy to adjust the length of the microphone boom to suit different users
- Built to last:
  - Nylon reinforced ABS cups provide greater shock, ultraviolet and chemical resistance
  - Stainless steel headband

- Secure attachment:
  - The TH3 connects directly to Tait TP9000 and TP3000 portable radios
  - Heavy duty spiral cable with extended length 1.5m (5ft) when stretched
- Simple, lightweight, comfortable design:
  - Padded headband and ear cups for comfort, with adjustable height
  - Headband version 339g (12oz)
- Servicable:
  - Spare parts are available, enabling Tait dealers to maintain and repair the headset
- No battery required as powered from the portable radio

For use with:

- TP9000, TP3000 *Not for use with Intrinsically Safe or Non-Incendive radios.*

REGION	Australia & New Zealand	USA & Canada	Europe
Hearing Protection Standard	AS/NZS 1270:2002	ANSI S3.19-1974	EN352-1/EN352-3
Result	SLC80	NRR	SNR
Overhead version	30dB, Class 5	24dB	32dB

tait communications

Audio Accessories
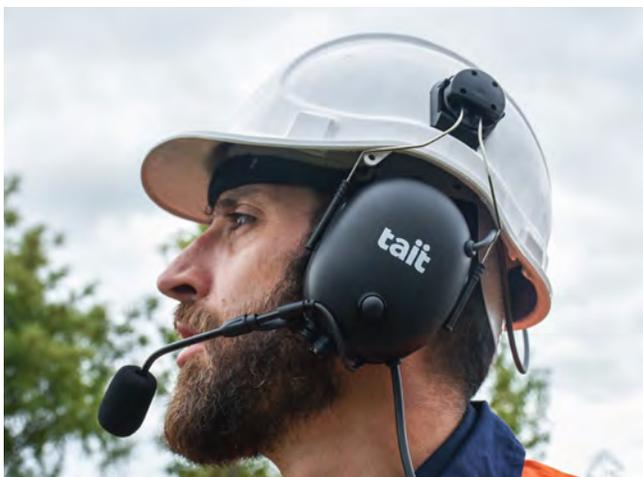
Headsets ③

TH3 hearing protection headset and adjustable boom mic

TH3 hearing protection headset and PTT on Ear Cup

TAIT TH3 HEARING PROTECTION HEADSET

TH3 Helmet Mount (includes T03-00053-0106 Universal 733N II helmet adaptor)	**T03-00046-KKAA**
Helmet Adaptor for 740N2M2D (MSA VGard)	**T03-00053-0107**
Spare/Replacement Universal 733N II helmet adaptor	**T03-00053-0106**

The Tait TH3 hearing protection headset is engineered for Tait portable radios, designed to protect hearing and enable effective two-way communications in high noise environments such as for mining operations, utilities, rail and other heavy industries.

Features:

- Meets global hearing protection standards (details in table below)
- Compatible with a wide range of helmets
  - T03-00053-0106 Universal 733N II Helmet Adaptor is compatible with 3M G3000, 3M SecureFit X5000/X5500, Petzl Vertex, Uvex Pheos, Kask Zenith
  - T03-00053-0107 740N2M2D Helmet Adaptor is compatible with the MSA V-Gard helmet
- PTT on Ear Cup
  - Easy to locate and use
- Noise-canceling boom microphone with adjustable length:
  - Microphone filters out background noise to provide audio focussed on clear speech
  - Quick and easy to adjust the length of the microphone boom to suit different users

- Built to last:
  - Nylon reinforced ABS cups provide greater shock, ultraviolet and chemical resistance
  - Stainless steel helmet attachment
- Secure attachment:
  - The TH3 connects directly to Tait TP9000 and TP3000 portable radios
  - Heavy duty spiral cable with extended length 1.5m (5ft) when stretched
- Simple, lightweight, comfortable design:
  - Padded ear cups for comfort
  - Helmet version 347g (12.2oz)
- Serviceable:
  - Spare parts are available, enabling Tait dealers to maintain and repair the headset

For use with:

- TP9000, TP3000 *Not for use with Intrinsically Safe or Non-Incendive radios.*

REGION	Australia & New Zealand	USA & Canada	Europe
Hearing Protection Standard	AS/NZS 1270:2002	ANSI S3.19-1974	EN352-1/EN352-3
Result	SLC80	NRR	SNR
Helmet Mount version	26dB, Class 5	24dB	30dB

Audio Accessories

Headsets (continued) 3

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

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:
- TP9000

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:
- TP9000, TP3000

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:
- TP9000

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:
- TP9000, TP3000

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:
- TP9000, TP3000

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:
- TP9000, TP3000

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

Audio Accessories

Replacement Kits 5

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

FLEXIBLE OPEN EAR INSERT

For use with:
- TPA-AA-214
- 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:
- T03-00053-0451
- T03-00047-AAAA

TPA-AA-214 (set of five)

EARPIECE QUICK DISCONNECT ACOUSTIC TUBE

For use with:
- T03-00086-0101
- T03-00086-0102

T03-00053-0213 (set of five)

Antennas for Tait Portables

TP8000/TP9000 Antennas

Antennas for frequencies supported by Tait portable radios.
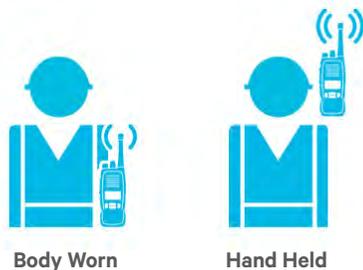
SELECT THE RIGHT ANTENNA FOR YOUR JOB

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.

Helical   **Whip**

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.

Body Worn   **Hand Held**

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-024
762-870MHz	Helical	68mm	TPA-AN-028

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

¼ Wave Whip (450-520MHz)

½ Wave Whip (762-870MHz)

Helical (162-174MHz)

Wideband Helical (136-174MHz)

Multiband Antenna

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, TP9000 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

VHF **UHF** **UHF2**

T03-00340-BBAA 136-150 173mm
T03-00340-BDAA 136-145 95mm
T03-00340-BEAA 144-154 95mm
T03-00340-BCAA 150-174 154mm
T03-00340-BFAA 153-164 95mm
T03-00340-BGAA 163-174 95mm
T03-00340-GAAA 400-480 164mm
T03-00340-GBAA 400-480 95mm
T03-00340-HAAA 450-520 122mm
T03-00340-HBAA 450-520 95mm

Programming & Service Accessories

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

TP8000 / TP9000		COMPATIBLE WITH:
Programming & Calibration Kit	T02-00031-0001	TM8100/8200/9000, TP8100/9000
USB to RJ11 Programming Cable	T03-00118-0601	TM8100/8200/9000, TP8100/9000
Programming Adaptor	T03-00118-0101	TP8100/9000
Calibration Adaptor	T03-00118-0201	TP8100/9000
Calibration Low Pass Filter	T03-00118-0202	TP8100/9000
Radio Programming Lead	TPA-SV-006	TP8100/9300/9400
Service Lead N-type to SMA RF	TOPA-SV-006	TP8100/9000
Terminals Calibration Box	TOPA-SV-024	TM8100/8200/9000, TP8100/9000
DC Service Adaptor	T03-00011-FAAA	TP8100/9000
Assembly Tool Kit	T03-00118-5301	TP8100/9000
Service Kit (includes all of the above EXCEPT Programming and Calibration Kit, Calibration Adaptor, and Radio Programming Lead)	T03-00040-0001	TP8100/9000

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

Programming &
Service Accessories

TP9800 Front Panel Programming & Radio Cloning

Without the need of a computer with a programming application, authorized users are able to enter channel frequencies, bandwidth and labels directly into the radio as well as configure CTCSS or DCS subaudible tones and NAC codes. Zone information can also be cloned directly from radio to radio.

Front panel programming and cloning eliminates the need of a computer with a programming application when operating remotely in the field - all you need is a AA battery powered radio when you're off the grid.

Front panel programming, cloning and selectable signaling are requirements for US Wildland Fire Agencies. This capability is restricted in the USA by the FCC and is available only to authorized agencies. A number of controls are required:

▶ A Tait Software Feature Enabler (SFE) is required to enable this capability in a TP9800 radio

▶ Custom firmware is required to enable this capability in a TP9800 radio

▶ Features related to front panel programming and cloning are password protected in the radio to ensure that only authorized and qualified personnel perform these actions

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FRONT PANEL PROGRAMMING

TP9800 Front Panel Programming SFE **TPAS118**

Features:
- PIN protection restricts access to authorized users
- Enter channel frequencies, bandwidth and labels directly into the radio
- Configure User Selectable Picklist for CTCSS/DCS/NAC

For use with:
- TP9800, with custom software loaded

Front Panel Programming and Cloning are designed to comply with FCC guideline's part 90. FCC 90.203(g). However, the individual programming radio frequencies or cloning from one radio to another must ensure that the radio frequencies in use are authorized.

RADIO-TO-RADIO ZONE CLONING

TP9800 Cloning SFE **TPAS119**
TP9800 Cloning Cable **T03-00053-0105**

Features:
- PIN protection restricts access to authorized users
- Easily replicate the programming from one radio throughout the fleet, without the need of a computer with a programming application

For use with:
- TP9800, with custom software loaded

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

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

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.
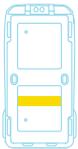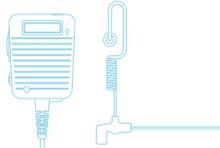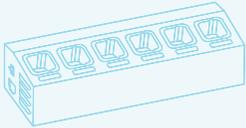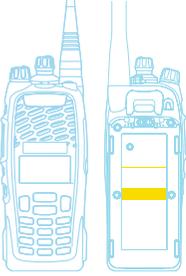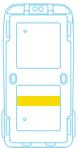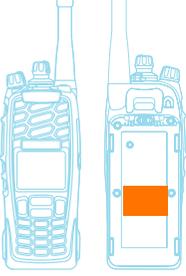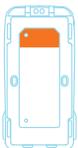
Equipment labels clearly identify the item's ratings.

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) Product Compatibility Overview

PORTABLE	BATTERY	AUDIO ACCESSORIES	SHARED ACCESSORIES

TP9361 & TP9461 IECEx

IECEx Battery

⚠ Only IECEx batteries can be used with IECEx radios

TP9358/68 & TP9458/68 Div1 for USA and Canada

Div1 Battery

⚠ Only Div1 batteries can be used with Div1 radios

TP9558/68 & TP9658/68 Div1 for USA and Canada

Div1 Battery

◇ Use only batteries and audio accessories with an orange label that is marked with a diamond

EX STORM is approved for use with TP9300 and TP9400 IS radios, not for use with TP95/6 IS radios

TSM4 IS is only approved for use with TP9558/68 and TP9658/68, not for use with any TP9300 or TP9400 IS radios.

CHARGERS

IS Single Charger

IS Multi Charger (6 bay)

IS Vehicle Charger

Antennas

Belt Clip

IS CARRY CASES are approved for use with IS radios

Note: *Any TP9500 / TP9600 CARRY CASE may be used with TP9500, or TP9600 IS radios*

Ⓘ Product Comparison

IS SPECIFICATION	IECEX BASED TP9361 TP9461	DIVISION 1 TP9358/68 TP9458/68	DIVISION 1 TP9558/68 TP9658/68
Test Lab / Certifiers	Ex Testing and Certification Pty Ltd	Eurofins/MET	Underwriters Laboratories (UL)
Standards	IEC 60079-0:2017 IEC 60079-11:2011	UL 913 5th edition CAN/CSA-C22.2 NO. 157-92 (Canada)	ANSI/TIA 4950-B CAN/CSA-C22.2 NO. 157-92 (Canada)
Specs/Ratings for Hazardous Locations	Ex ib IIA T4 (Gas Only) CID2 Gas Groups A, B, C, D	CID1 Gas Groups A,B,C, D CIID1 Dust Groups E, F, G CIIID1 Fibers and Flyings	CID1 Gas Groups C and D CID2 Gas Groups A, B, C, D CIID1 Dust Groups E, F, G CIIID1 Fibers and Flyings
Countries Applicable	International	USA, Canada	USA, Canada
Frequency bands	VHF (136–174MHz) B1 VHF (174–225MHz) C0 UHF (380–470MHz) HB UHF (450–520MHz) H7 700/800MHz K5	VHF (136–174MHz) B1 VHF (174–225MHz) C0 UHF (380–470MHz) HB UHF (450–520MHz) H7 700/800MHz K5	136–174MHz B1 378–470MHz HK
Speaker Output (W & dB)	1W (non IS TP93/4=2W)	1W (non IS TP93/4=2W)	2W (non IS TP95/6 = 3W)
Bluetooth® Audio	No	No	Yes
WiFi OTAP	No	No	Yes
UI options	Mono Display, full keypad (16 key)	Mono Display, full keypad (16 key) Mono Display, limited keypad (4key)	Color Display, full keypad (16 key) Color Display, limited keypad (4key)
Radio Colors	Blue	Black, Yellow, Hi Vis Green	Black, Yellow, Hi Vis Green

Unique Accessories	• Battery (2300mAh)
	• Ex Earphone In-Ear 2.5mm
	  T03-22008-CAAA
	• Savox C-C550+Attachments
	• Ex Storm RSM
		• Battery (2300mAh)
		 – 15 hours TDMA mode
		 – 11.5hours FDMA/analog mode
		• Earphone In-Ear 2.5mm (Ex/Div1)
		  T03-22008-CAAB*
		
		Otto accessories exclude IS Dust compliance in Canada
			• Battery (2300mAh)
			 – 15 hours TDMA mode
			 – 12 hours FDMA/analog mode
			• TSM4-IS RSM
			 – Earpiece In-ear (straight jack)
			 – Earpiece C-hook (straight jack)
			 – Earpiece D-ring (straight jack)

Shared Accessories	Antennas, Belt clip, Programming Cables		

IS

Intrinsically Safe Batteries

Tait portable radio Intrinsically Safe batteries

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

TP9300/TP9400 IS BATTERIES

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

For use with:

• TP9300/TP9400 IS portable radios

• Use only Div1 batteries with Div1 radios (US and Canada Only)

• Use only Gas Group IIC batteries with Gas Group IIC radios

• Use only Gas Group IIA batteries with Gas Group IIA radios

TP9500/TP9600 IS BATTERY

Li-ion 2300mAh Div1	**T03-25001-AAAA**

For use with:

• TP9500/TP9600 IS portable 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/TP9500/TP9600 IS portable radios *
- Intrinsically Safe Batteries for the TP9300/TP9400/TP9500/ TP9600 IS portable radios

* Chargers must be selected according to required safety compliance.

SINGLE CHARGER

Single Charger with Plug Pack

Australia/New Zealand IECEx/ATEX — T03-22011-BDFA
United Kingdom IECEx/ATEX — T03-22011-BDDA
Europe IECEx/ATEX — T03-22011-BDCA
United States/Canada TP93/94 IS — T03-22011-BABA
Brazil INMETRO — 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 — T03-22011-CDFA
United Kingdom IECEx/ATEX — T03-22011-CDDA
Europe IECEx/ATEX — T03-22011-CDCA
United States/Canada AEx/CaEx — T03-22011-CABA
Brazil INMETRO — 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/TP9500/TP9600 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	**T03-22011-DDAA**
IS Vehicle Charger **United States/Canada**	**T03-22011-DAAA**
Vehicle Charger INMETRO	**T03-22011-DCAA**

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(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 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 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

TP9300/TP9400 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

Carry Case LCD View Heavy Duty D-Stud   **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

Carry Case LCD View Heavy Duty Spring   **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

TP9300/TP9400 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 BELT LOOP

Carry Case LCD View Heavy Duty 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

Carry Case LCD View Heavy Duty Leather D-Rings (4x 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)

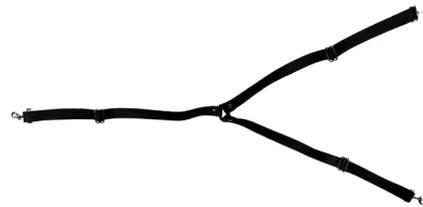| REGIONAL COMPLIANCE	AEx | Div1	CaEx	ATEX	INMETRO	IECEx
	✔	✔	✔	✔	✔

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/TP9500/TP9600 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/ TP9500/TP9600 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

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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

IS

TP9500/TP9600 Intrinsically Safe Audio Accessories Overview

An IS audio accessory is identified by either:

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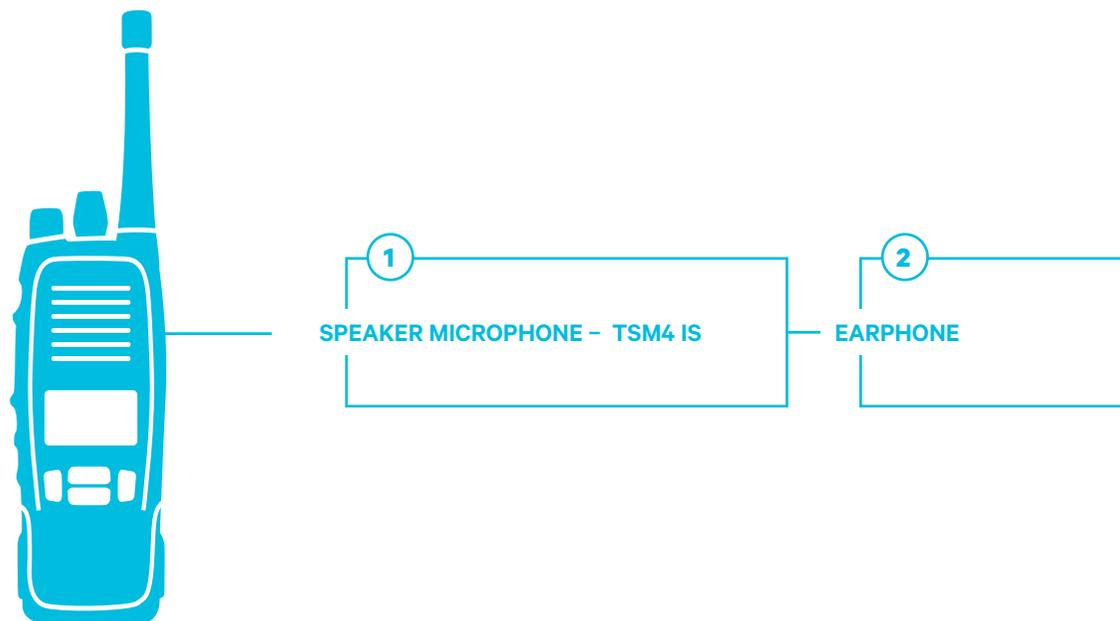
▶ A label on the audio accessory, showing IS information

1 SPEAKER MICROPHONE – TSM4 IS

2 EARPHONE

CONNECTION TYPES

9-PIN SIDE PORT   2.5MM/3.5MM JACK   NEXUS CONNECTOR

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IS

Intrinsically Safe 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

60.3mm (2.37in) W

82.6mm (3.25in) H

28.2mm (1.11in) D

TSM4 Speaker Mic Heavy Duty   **T03-25008-1010**

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)
- 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)
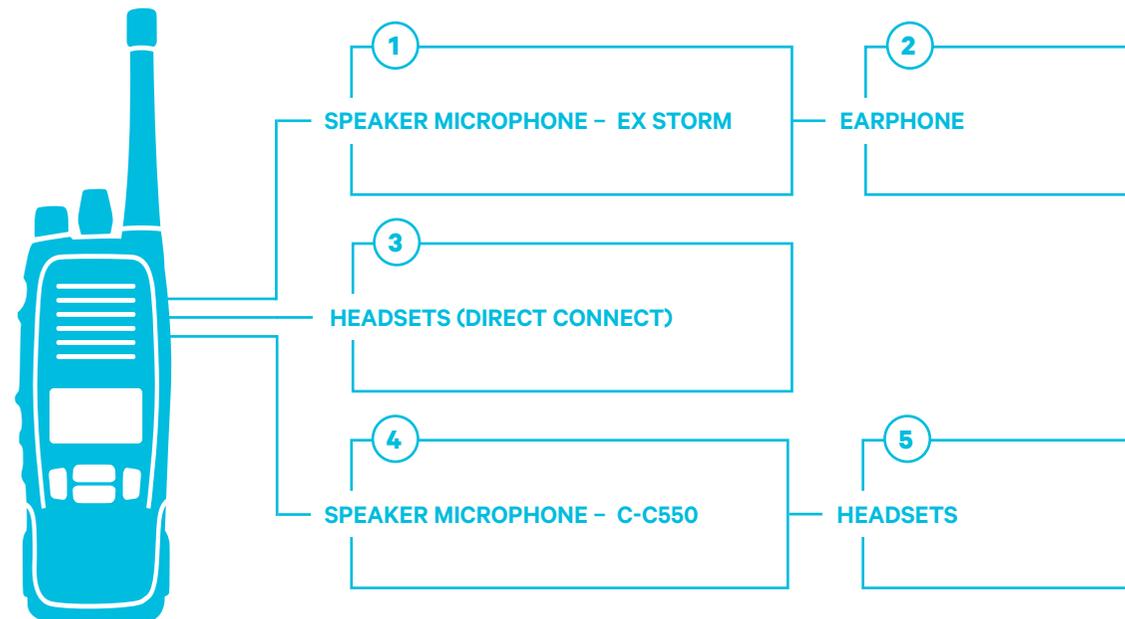   - T03-00086-0302 Earpiece D-ring (straight jack)

For use with:

- TP95/96 CID1

IS

TP9300/TP9400 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

1 SPEAKER MICROPHONE – EX STORM

2 EARPHONE

3 HEADSETS (DIRECT CONNECT)

4 SPEAKER MICROPHONE – C-C550

5 HEADSETS

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

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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
T03-22008-AAAB	✔	✔	✔	✔	✔

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② EARPHONE IN-EAR

Ex Earphone In-Ear 2.5mm　　**T03-22008-CAAA**
Earphone In-Ear 2.5mm (Ex/Div1)　　**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
T03-22008-CAAA	✔ AEx only	✔	✔	✔	✔
T03-22008-CAAB	✔ AEx | Div1				

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).

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

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 HEADSET SAVOX HC-E

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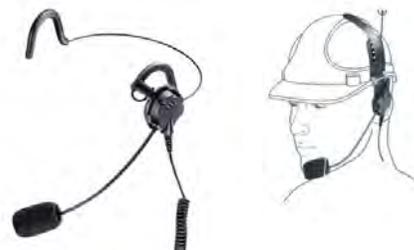

Features:
- Lightweight, helmet mounted headset with integrated electric mic
- Voice sensitive electric microphone integrated within the speaker housing
- Easily mounts into most types of helmets
- Affordable helmet headset option
- 4-pole connector
- Robust and easy to use

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

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-1 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.
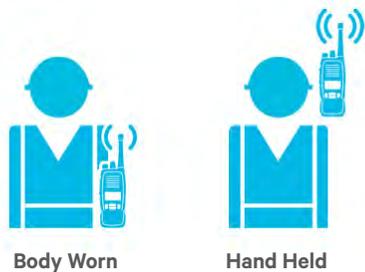
SELECT THE RIGHT ANTENNA FOR YOUR JOB

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.

Helical   **Whip**

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.

Body Worn   **Hand Held**

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

¼ Wave Whip
(450-520MHz)

½ Wave Whip
(762-870MHz)

Helical
(162-174MHz)

Wideband Helical
(136-174MHz)

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	T03-22009-AAAA	TP9361, TP9358, TP9368, TP9461,
TP93/94 Programming Adaptor IECEx / ATEX	T03-22009-ADAA	TP9361, TP9461

WE GO BEYOND FOR A SAFER WORLD.

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