

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?

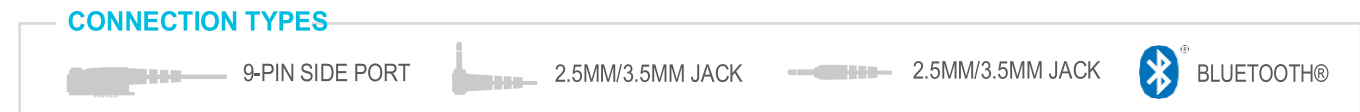
If staff are to wear in-ear speakers, avoid hygiene concerns by issuing personal speakers, rather than sharing.

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.



Audio Accessories

Speaker Microphone 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	AIA 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 Microphone¹

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 Microphone 1

LIGHT DUTY

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

TSM3



TSM3 Speaker Mic

 T03-00045-NDCA

Features:

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

For use with:

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

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



Audio Accessories

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

For use with:

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

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

Audio Accessories

Speaker Microphone 1

HEAVY DUTY

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

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



TSM4



TSM4 Speaker Mic Heavy Duty

■ T03-00045-PCAA

Features:

TAIT TOUGH FOR PUBLIC SAFETY AND HEAVY DUTY APPLICATIONS

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

HIGH QUALITY AUDIO: HEAR AND BE HEARD IN CHALLENGING SITUATIONS

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

USER-FRIENDLY, ERGONOMIC DESIGN

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

For use with:

- TP9300, TP9400, TP9500, TP9600, TP9800

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

Audio Accessories

Speaker Microphone 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:

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

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

STORM



Storm Speaker Mic

 T03-00045-KFAA

Features:

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

For use with:

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

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

Audio Accessories

Speaker Microphones 1

HEAVY DUTY (CONTINUED)

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

GENESIS



Genesis Speaker Mic

■ ■ T03-00045-DMAA

Features:

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

For use with:

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

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

Audio Accessories

Speaker Microphones 1

WIRELESS

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

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

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

AINA PTT VOICE RESPONDER



Aina PTT Voice Responder

■ TT0011-0001

Features:

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

For use with:

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

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

Audio Accessories

Ear Pieces for Speaker Mi²

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.

EARHANGER



EarHanger

■ 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 Mi²

STANDARD DUTY EAR PIECES

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

EARTUBE IN-EAR



Ear tube In-Ear 2.5mm Connector

 T03-00120-AAAD

Ear tube In-Ear 3.5mm Connector

 T03-00120-AAAE

Features:

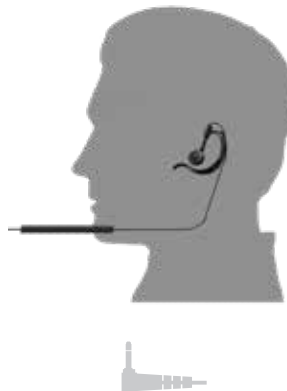
- Commercial grade
- Soft rubber ear piece
- 2.5mm and 3.5mm connectors available
- Low profile, flexible, transparent acoustic tube
- Length: approx. 600mm (700mm stretched)
- Designed to fit either the left or right ear

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



Eartube Ear Hook 2.5mm Connector

 T03-00120-BAAD

Eartube 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 Mi²

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:

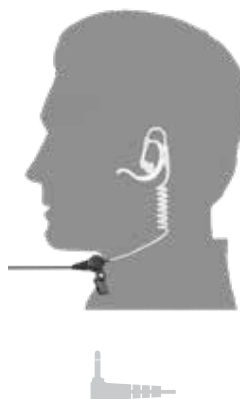
- Commercial grade
- Soft rubber ear piece
- Discreet, unobtrusive acoustic tube
- Length: approx. 361mm
- Designed to fit either the left or right ear

For use with:

- Speaker microphones with a 3.5mm jack as specified

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

EARTUBE EAR HOOK



Eartube Ear Hook 2.5mm Connector

T03-00120-FAAD

Eartube 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 Mi²

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 Mi²

STANDARD DUTY EAR PIECES (CONTINUED)

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

EARPIECE C-HOOK



Earpiece Ear-Bud C-hook Black 3.5mm-RA-Jack 0.2m-lead  T03-00086-0201
 Earpiece Ear-Bud C-hook Black 3.5mm-Str-Jack 0.2m-lead  T03-00086-0202

Features:

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

For use with:

- TSM3, TSM3e, and TSM4 only

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

EARPIECE D-RING



Earpiece On-Ear D-ring Black 3.5mm-RA-Jack 0.3m-lead  T03-00086-0301
 Earpiece On-Ear D-ring Black 3.5mm-Str-Jack 0.3m-lead  T03-00086-0302

Features:

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

For use with:

- TSM3, TSM3e, and TSM4 only

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

Audio Accessories

Headsets 3

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

HEAVY DUTY OVER HEAD



Heavy Duty Over Head Headset

■ ■ T03-00046-FAAA

Features:

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

For use with:

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

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

HEAVY DUTY BEHIND HEAD



Heavy Duty Behind Head Headset

■ ■ T03-00046-FEAA

Features:

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

For use with:

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

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

Audio Accessories

Headsets (continued) 3

HURRICANE BEHINDHEAD



Hurricane Behind Head Headset

T03-00046-GEAA

Features:

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

For use with:

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

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

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

LIGHT WEIGHT BEHIND HEAD



Light Weight Behind Head Headset

T03-00046-EFAA

Features:

- Flexible boom microphone
- Finger mount PTT
- Lapel clip

For use with:

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

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

Audio Accessories

Surveillance Kit 4

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

2-WIRE SURVEILLANCE KIT



2-Wire Surveillance Kit

T03-00047-AAAA

Features:

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

For use with:

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

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



COVERT KIT EARTUBE-IN-EAR



Covert Kit Eartube-In-Ear, Mic with PTT

T03-00047-BAAA

Features:

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

For use with:

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

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



Audio Accessories

Surveillance Kit (continued) 4

COVERT KIT EAR HANGER LAPEL MIC



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

Features:

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

For use with:

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

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

WIRED FINGERPTT



Wired Finger PTT ■ ■ T03-00053-0101

Features:

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

For use with:

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

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

Audio Accessories

Surveillance Kit (continued) 4

WIRELESS

Covert, wireless PTT option.

SAVOXBT.COM



Savox BT COM Wireless PTT

TT0012-0001

Features:

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

For use with:

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

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

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

Audio Accessories

Replacement Kit **5**

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

FLEXIBLE OPEN EAR INSERT - LEFT EAR



For use with:

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

■ TPA-AA-215 (left ear – small)

■ TPA-AA-216 (left ear – medium)

■ TPA-AA-217 (left ear – large)

■ TPA-AA-218 (right ear – small)

■ TPA-AA-219 (right ear – medium)

■ TPA-AA-220 (right ear – large)

EARPIECE QUICK DISCONNECT ACOUSTIC TUBE



For use with:

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

■ TPA-AA-214 (set of five)