

Accessories for THR9 EX



THR9 Ex

Intrinsically safe TETRA radio

The robust and modern THR9 Ex TETRA handportable radio from CASSIDIAN combines high performance and security in mission-critical voice and data communication where intrinsically safe products are needed.

To learn more, download the full brochure available at <https://cinfodin.cassidian.com>



- Intrinsically safe TETRA radio, certified according to ATEX and IEC-Ex specifications
- Large QVGA colour display supports true-colour pictures
- Robust construction resistant to water, dust and exposure
- Complete with Lifeguard, the advanced solution for a man-down alarm
- Vibrating alert
- Powerful, 2000 mAh battery for long operation time
- Battery and accessories can be changed within Ex area

THR9 Ex accessories

Classification

AUDIO accessories

Page 77

POWER accessories

Page 85

CARRYING accessories

Page 89

INSTALLATION accessories

Page 95

CONNECTIVITY accessories

Page 99

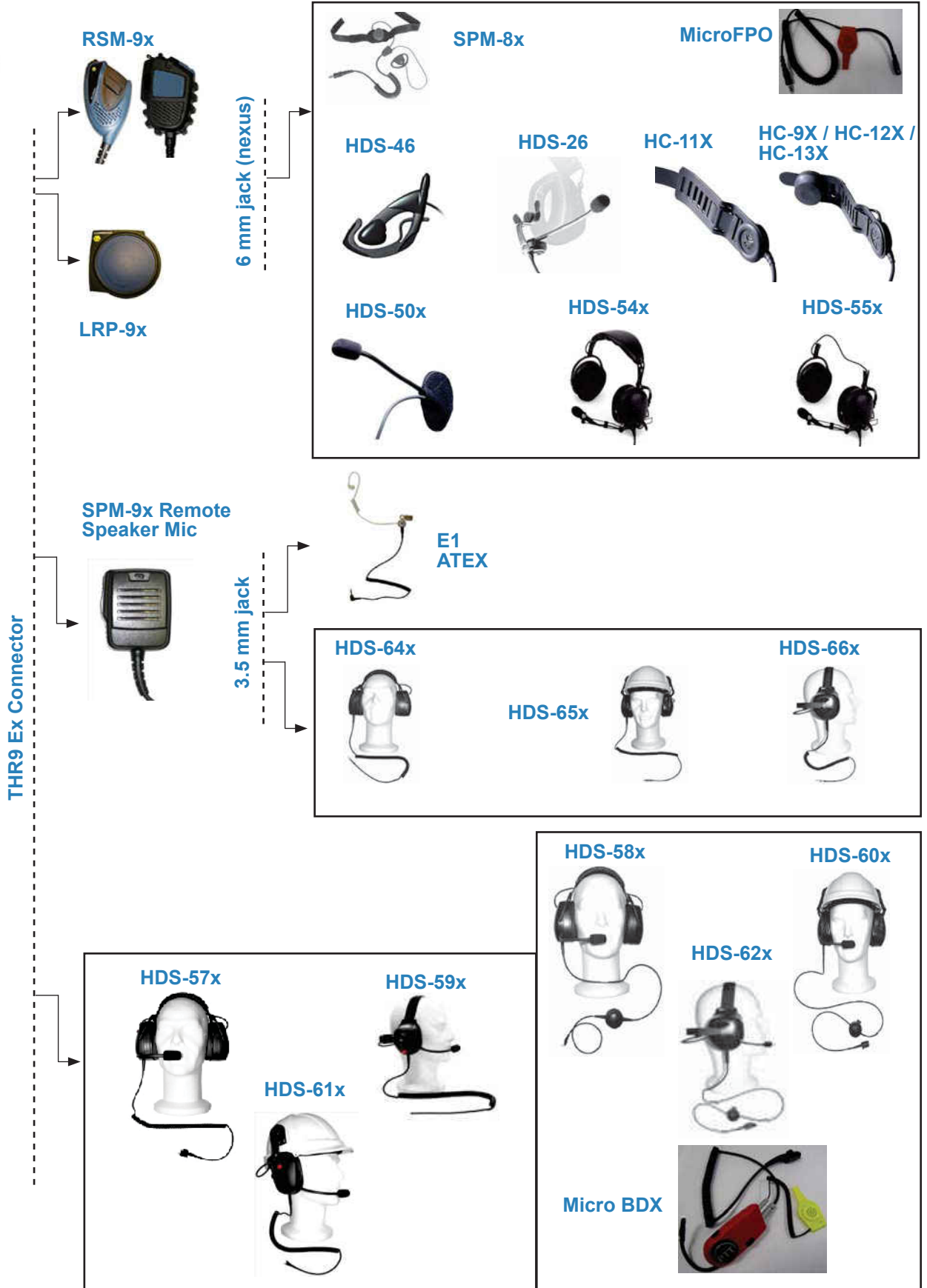
VARIOUS accessories

Page 101



RSM-9x / LRP-9x / SPM-9x plug-in compatibility

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RSM-9x**Rugged Speaker Microphone Ex**

- ATEX and IEC-Ex certified (same level as the THR9 Ex)
- Remote speaker microphone that can be used alone or with various plug-in accessories through a robust 6 mm jack connector
- 2 large PTT buttons
- IP67

References: HR8531AA - CC500 version
HR8531BA - CC550 version

Related accessories: see picture on page 77

**LRP-9x****Large Remote PTT Ex**

- ATEX and IEC-Ex certified (same level as the THR9 Ex)
- Extra large remote PTT that can be used alone or with various plug-in accessories through a robust 6 mm jack connector

Reference: HR8641AA

Related accessories: see picture on page 77

**SPM-8x****Throat Speaker Microphone Ex**

- Comfortable throat speaker microphone combination
- Quick plug connector
- D-hanger earpiece

Compatibility: THR880i Ex

Reference: HR8337BA

Related accessories: see picture on page 77



HC-11X

Helmet Unit with Integrated Speaker and Microphone



- Compact and lightweight helmet unit with integrated speaker and microphone
- Quick plug connector

Reference: HR8640AA

Related accessories: see picture on page 77



HC-9X / HC-12X / HC-13X

Helmet Units with Bone Microphone



- Compact and lightweight helmet using bone conductive microphone
- Quick plug connector

References: HR8334DA 1 speaker, flameproof cable (HC-9X)
 HR8638AA 1 speaker (HC-12X)
 HR8639AA 2 speakers (HC-13X)

Related accessories: see picture on page 77



HDS-50X

Multipurpose Headset Adapter



- Flexible boom microphone
- Fits all types of headgear
- Quick plug connector

Compatibility: THR880i Ex

Reference: HR8642AA

Related accessories: see picture on page 77



HDS-26**Talk Device for Hearing Protectors**

- Special adaptor fits in almost all hearing protectors with integrated speaker
- Flexible boom microphone
- Quick plug connector

Compatibility: THR880i Ex

Reference: HR8339AA

Related accessories: see picture on page 77

**HDS-46****Earset with Microphone**

- Light earset with microphone
- Adaptable to both ears

**Only for use in gaseous ATEX environment
Not approved for dust ATEX environments**

Compatibility: THR880i Ex

Reference: HR8340AA

Related accessories: see picture on page 77

**HDS-54X****Heavy Duty Headset with Microphone**

- Comfortable heavy duty headset
- Flexible boom microphone

Limited to group of gas IIB for ATEX use

Reference: HR8643AA

Related accessories: see picture on page 77



HDS-55X**Heavy Duty Headset with Microphone**

- Comfortable heavy duty headset
- Adaptation to worker helmet
- Flexible boom microphone

Limited to group of gas IIB for ATEX use

Reference: HR8644AA

Related accessories: see picture on page 77

**Earpiece and Microphone FPO**

- Flexible boom microphone
- Rigid earpiece left and right
- Adaptation to worker helmet

Reference:

coming soon

Related accessories: see picture on page 77



SPM-9x**Speaker Microphone Ex**

- ATEX certified (same level as the THR9 Ex)
- Remote speaker microphone that can be used alone or with various plug-in accessories through a jack connector

Reference: HR8673AA

Related accessories: see picture page 77

**HDS-63x****Light Earpiece**

- Plug-in accessory for SPM-9x
- Light sound tube
- ATEX certified (same level as the THR9 Ex)
- Quick plug connector

Reference: HR8680AA

Related accessories: see picture page 77

**HDS-64x / HDS-65x / HDS-66x****Listening Headset**

- Plug-in accessories for SPM-9x
- ATEX certified (same level as the THR9 Ex)
- Various types of heavy duty headset for listening in very noisy environment (3 variants available)
- Quick plug connector

References: HR8681AA HDS-64x (headband)
 HR8682AA HDS-65x (neckband)
 HR8683AA HDS-66x (safety helmet adaptor)

Related accessories: see picture page 77



HDS-57x / HDS-58x / HDS-59x**Headset with Integrated PTT**

- Heavy duty headset connected directly to the THR9 Ex
- ATEX certified (same level as the THR9 Ex)
- PTT integrated on the headset shell
- Boom speaker microphone
- 3 variants available

References: HR8674AA HDS-57x (headband)
 HR8676AA HDS-59x (neckband)
 HR8678AA HDS-61x (safety helmet adaptor)

Related accessories: see picture page 77

**HDS-58x / HDS-60x / HDS-62x****Headset with In-Line PTT**

- Heavy duty headset connected directly to the THR9 Ex
- Large PTT on the cable with a clip
- ATEX certified (same level as the THR9 Ex)
- Boom speaker microphone
- 3 variants available

References: HR8675AA HDS-58x (headband)
 HR8677AA HDS-60x (neckband)
 HR8679AA HDS-62x (safety helmet adaptor)

Related accessories: see picture page 77

**Earpiece and Microphone BDX**

- Strictly for fire fighter Helmet MSA GALLET F1
- Flexible boom microphone
- Rigid earpiece
- Large PTT fitted directly to the helmet
- Adaptation to worker helmet

Reference:

coming soon

Related accessories: see picture on page 77



Power plug-in compatibility

THR9 Ex



ACP-12
Travel Charger



LCH-12
Cigarette-Lighter
Charger



DKC-1
Desktop Charger Ex



DKC-6
Multi Unit Charger Ex

BLN EX-2



BLN EX-4



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ACP-12 (new) Travel Charger



- Standard travel charger with various plug available
- Sold in kits of 5 pcs

Compatibility: All handheld portables

References: HT10309AA - EU plug
HT10310AA - US plug
HT10311AA - UK plug
HT10312AA - AU plug
HT10313AA - CH plug
HT10314AA - AR plug
HT10315AA - BR plug

ACP-12 (old) Travel Charger



- Standard travel charger with various plug available
- Sold in kits of 5 pcs
- Battery indicator in scrolling up and down during the charging on the handheld screen

Compatibility: All handheld portables

References: T0274955 Europe version – Kit of 5
T0274910 China version- Unit – Kit of 5
T0274911 US version- Unit – Kit of 5
T0274912 Korea Version- Unit – Kit of 5

LCH-12 Cigarette-Lighter Charger



- Multi-voltage charger plugs into the cigarette lighter of a vehicle
- Sold in kits of 5 pcs

Compatibility: THR9, THR9i, THR8, THR880i

Reference: T0274954

BLN EX-2 Battery Ex



- 2000 mAh Li-Ion battery offers excellent performance

Reference: HT9588AA Pack of 10 units



BLN EX-4 Battery Ex



- 1280 mAh Li-Ion battery offers excellent performance

Reference: HT10116AA

Pack of 10 units



DKC-6 Multi Unit Charger Ex (6+6 Batt)



- Up to 6 radios and 6 batteries charged simultaneously
- Includes power supply

Compatibility: THR9i, THR8

References: HR8166AA Europe version
 HR8166BA UK version
 HR8166CA China version
 HR8166DA US version
 HR8166EA Korea version

DKC-1**Desktop Charger Ex (1+1)**

- A convenient way to charge your radio on your desk
- A spare battery can be charged separately or simultaneously with the radio
- Use together with original travel charger which is included in the radio sales package
(Travel charger not included)

Compatibility: THR9i, THR8

Reference: HR8165AA

Related accessories: ACP-12

Carrying plug-in compatibility



BLN-EX2
Battery Ex

SBC-Ex



LCC-17x
Leather case with belt loop



LCC-9x
Leather case



LCC-15x
Leather case with click Fast



KFS-3/4



BCH-9x
Belt Clip



STR-1
Shoulder Strap



STR-5x
Red Leather Strap



STR-2
Wrist Strap



LBL-Ex
Red Leather Case with click Fast



NCH-9x
Nylon Chrest Harness



LBL-9x
Red Leather Belt Loop with click Fast Dock



BMD-
Belt Mounting Docks



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LCC-17x**Red Leather Case with Belt Loop**

- Red Leather Case in firm leather fitted with a flat belt loop for Belt mounting

Reference: HR8751AA

Related accessories: Belt Mounting Docks / BMD
Red Leather Strap / STR-5x

**LCC-15x****Red Leather Case with Klick Fast Stud**

- Red Leather case in firm leather with our Klick Fast stud fitted on the rear

Reference: HR8749AA

Related accessory: Red leather belt loop / LBL-9x

**LBL-9x****Red Leather Belt Loop with Klick Fast Dock**

- Red Leather Belt Loop that fits up to 90 mm belt, cases can be attached to the Belt loop via the Klick Fast Dock
- The Belt loop has one way opening Press studs to allow the loop to be fitted to the belt without undoing the buckle

Reference: HR8748AA



KFS-3 / KFS-4

Klick Fast Stud



- Connect directly to the belt clip screw holes on the back of the radio
- To be used with Belt Mounting Docks, Retro Fitting Clothing Dock, Leather Belt Loop with Klick Fast dock and the Extra long leather Belt Loop with Klick Fast Dock

References: HR8734AA pack of 10 / KFS-3
 HR8734BA pack of 50 / KFS-4

BMD-1 / BMD-2 / BMD-3 / BMD-4 / BMD-5 / BMD-6 / BMD-7 / BMD-8

Belt Mounting Docks



Four sizes available:

- | | | | | |
|---------|--------------------|----------|------------|---------|
| • 32 mm | References: | HR8739AA | Pack of 10 | / BMD-1 |
| | | HR8739BA | Pack of 50 | / BMD-2 |
| • 38 mm | References: | HR8738AA | Pack of 10 | / BMD-3 |
| | | HR8738BA | Pack of 50 | / BMD-4 |
| • 50 mm | References: | HR8737AA | Pack of 10 | / BMD-5 |
| | | HR8737BA | Pack of 50 | / BMD-6 |
| • 60 mm | References: | HR8735AA | Pack of 10 | / BMD-7 |
| | | HR8735BA | Pack of 50 | / BMD-8 |

LCC-9x

Leather Case



- Leather case for THR9 Ex
- Checked according to ATEX generic standards
- Metallic pivot to fit the belt loop
- To be used together with LBL-Ex

Reference: HR8532AA

Related accessory: to be used with LBL-Ex



LBL-Ex**Leather Belt Loop**

- Leather belt loop
- Checked according to ATEX generic standards
- To be used together with LCC-9x

Reference: HR8637AA

Related accessory: to be used with LCC-9x

**BCH-9x****Belt Clip**

- Easy clip on/off on the belt
- Installation screws included

Reference: HR8510AA

**STR-1****Shoulder Strap**

- Long and adjustable shoulder strap with rugged strap hooks

Compatibility: THR9, THR9i, Thr8, THR880i

Reference: HR8415AA

Related accessories: LCC-9x / LCC-17x



STR-2

Wrist Strap



- Rugged wrist strap with snap hook

Compatibility: THR880i Ex

Reference: HR8414AA

Related accessories: LCC-9x / LCC-17x



STR-5x

Red Leather Strap



- Red leather strap in firm leather fitted with trigger hooks

Compatibility: THR880i Ex

Reference: HR8750AA

Related accessories: LCC-9x / LCC-17x



NCH-9x

Nylon Chest Harness



- This harness mounts the terminal by using the Klick Fast quick release system in the centre of the chest and incorporates nylon straps that slip over the arms and shoulders

Reference: HR8747AA

Related accessories: LCC-15x

SBC-Ex**Spare Battery Case**

- Battery bag for THR9 Ex spare battery
- Belt loop integrated (not compatible with THR9 Ex belt loop)

Reference: HR8533AA



Installation plug-in compatibility

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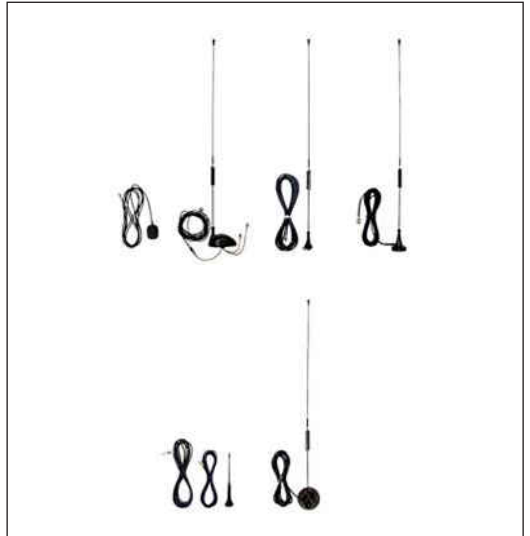
THR9 Ex

CARK-9 Car Kit:

- Hands Free Unit / HFU-2T
- Loudspeaker / HFS-12
- Microphone / MP-2
- HF PTT key / PTT-1
- Data cable / DLR-3T



AN-5 / AN-6 / AN-7 / AN-9 Vehicle Antenna Kit



CVR-3 / CVR-4 / CVR-7 / CVR-8 24V/12V DC/DC Converter



CVR-5 / CVR-6 12V/12V DC/DC Converter



CARK-9

Car Kit



Car kit includes:

- Mobile Holder MCR-4
- Hands free unit HFU-2T and MKU-1 mounting plate
- HF PTT Key PTT-1
- Adapter cable DCT-1
- Power cable PCH-4J
- Loudspeaker HFS-12
- Microphone MP-2
- Data cable to connect your radio to a PC DLR-3T

Reference: HR8159AA

Compatibility: THR9, THR9i

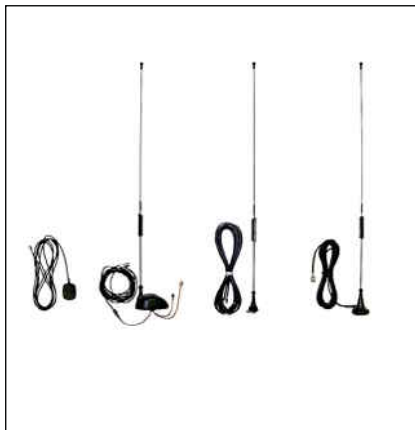
Car kit spare parts

Parts of the complete car kit are available stand alone

References:	T0694068	Hands Free Unit / HFU-2T
	T0692009	Loudspeaker / HFS-12
	T0694475	Microphone / MP-2
	HG5427A	HF PTT key / PTT-1
	T0273289	DLR-3T

AN-5 / AN-6 / AN-7 / AN-9

Vehicle Antenna Kit



Several antennas for vehicle installation:

- Fixed or magnet
- TETRA only or TETRA / GPS
- Various frequency bands

Compatibility: THR9, THR9i, THR880i, THR880i Ex, TMR880i, TDR880i

References:	HR7773AA	GPS MiniSat Magnet antenna 380- 430Mhz / AN-5
	HR7774AA	Combined TETRA & GPS Fixed antenna 380-430MHz / AN-6
	HR7775AA	Fixed TETRA antenna 380-430MHz / AN-7
	HR7816AA	Magnet TETRA antenna 380-430MHz / AN-9



CVR-3 / CVR-4 / CVR-7 / CVR-8

24V/12V DC/DC Converter



- Range of DC/DC converter for the vehicles
- Various types available
- **Lifetime warranty by the manufacturer**

References:	HR8368BA	6A grounded	CVR-3
	HR8369BA	6A isolated	CVR-4
	HR8723AA	12A grounded	CVR-7
	HR8724AA	12A isolated	CVR-8

CVR-5 / CVR-6

12V/12V DC/DC Converter



- **Lifetime warranty by the manufacturer**

References:	HR8726AA	4A isolated	CVR-5
	HR8725AA	6A isolated	CVR-6

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Connectivity plug-in compatibility

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THR9 Ex

DLR-9U Data Cable



Programming Cable

DAU-9M



CA-121



DLR-9U**Data Cable**

- DLR-9U data cable is connected to the side of the radio and to PC's USB port

Compatibility: THR9, THR9i

Reference: HG5256A

RS232 Data Cable with RJ45 connector

DAU-9M**Programming Cable**

- DAU-9M cable is connected directly to the radio's bottom connector and to PC's COM port

Compatibility: THR9, THR9i

Reference: T0730162

CA-121**Programming Cable**

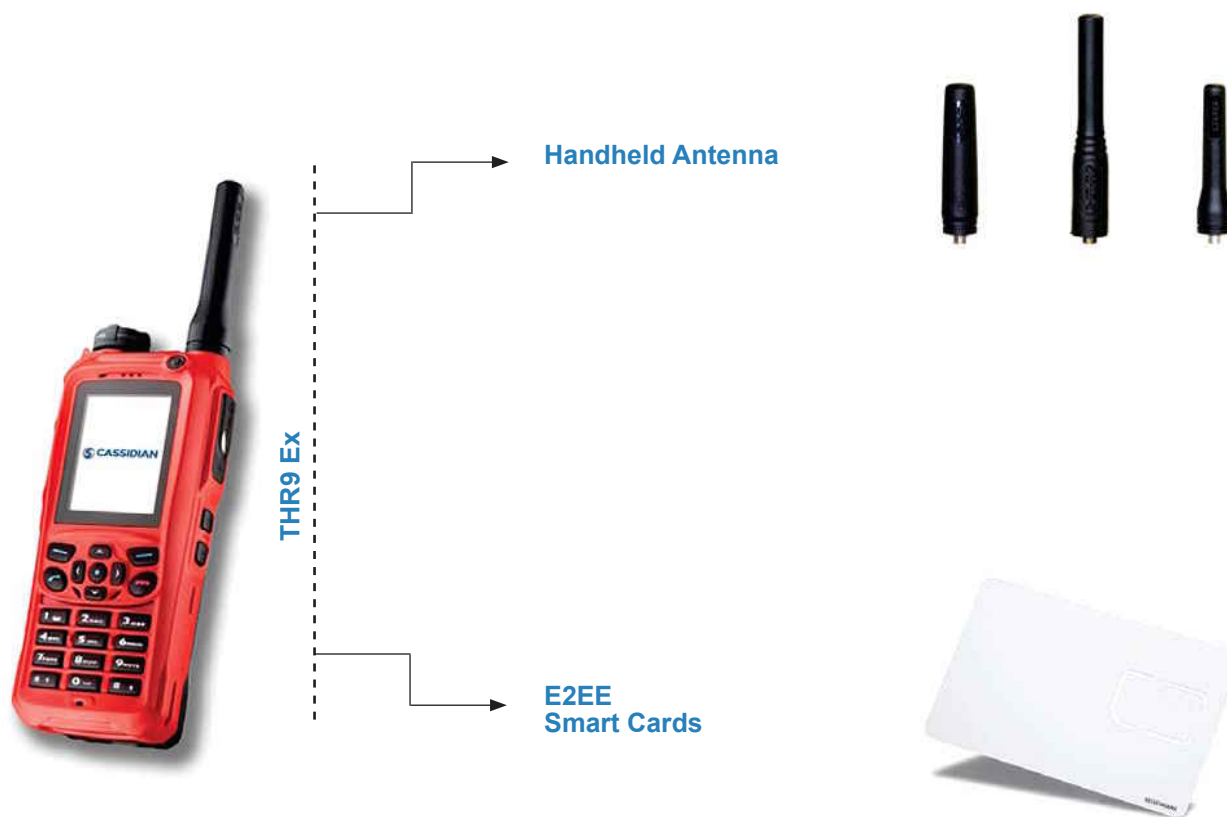
- CA-121 cable is connected directly to the radio's bottom connector and to PC's USB port

Compatibility: THR9, THR9i, THR880i, THR880i Ex

Reference: HG5245A

Various Items plug-in compatibility

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AN-13 / AN-14 / AN-20 / AN-21

ATEX Handheld Antenna



- Short and extended TETRA/GPS antennas for THR9 Ex handheld

Compatibility: THR9, THR9i

HT9233AA	Pack of 5 units	380-430 MHz (65 mm)	AN-13
HT9330AA	Pack of 20 units	380-430 MHz (65 mm)	AN-13
HT9234AA	Pack of 5 units	380-400 MHz (65 mm)	AN-14
HT9235AA	Pack of 5 units	380-430 MHz (95 mm)	AN-20
HT9494AA	Pack of 20 units	380-430 MHz (95 mm)	AN-21

E2EE

Smart Cards



- Smart Cards for e2ee1 and e2ee2

Compatibility: THR9, THR9i, THR8, THR880i, TMR880i

References: HT8815AA for e2ee-1
HT9059AA for e2ee-2

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