THR9 Ex ACCESSORY CATALOGUE

CASSIDIAN

AN EADS COMPANY

THR9 Ex INTRINSICALLY SAFE TETRA RADIO

- 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

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

THR9 Ex ACCESSORY CATALOGUE

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

RSM-9x

LRP-9x

6 mm jack (nexus)

SPM-8x

MicroFPO

HDS-46

HDS-26

HC-ATEX

HDS-50x

HDS-54x

HDS-55x

SPM-9x Remote Speaker Mic

THR9 Ex Connector

E1 ATEX

3.5 mm jack

HDS-64x

HDS-66x

HDS-65x

HDS-58x

HDS-60x

HDS-62x

HDS-57x

HDS-59x

HDS-61x

Micro BDX

THR9 Ex Accessory Catalogue

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

Reference: HR8531AA

Related accessories: see picture on page 67

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 67

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 67

HC-11X   Helmet unit with integrated microphone

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

Reference: HR8640AA

Related accessories: see picture on page 67

HC-9X /-12X /-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 67

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 67

THR9 Ex Accessory Catalogue

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 67

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 67

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 67

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 67

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 67

THR9 Ex Accessory Catalogue

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 67

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 67

HDS-64x / -65x / -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 67

PS11422AENAA01

HDS-57x / -58x / -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 67

HDS-58x / -60x / -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 67

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 67

THR9 Ex Accessory Catalogue

Power plug-in compatibility

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

THR9 Ex

THR9 Ex Accessory Catalogue

ACP-12   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: THR880i, THR880i Ex, THR9i, THR8

References: T0274955   Europe version – Kit of 5
T0279909   UK version- Unit – Kit of 5
T0279910   China version- Unit – Kit of 5
T0279911   US version- Unit – Kit of 5
T0279912   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

References: HT9588AA   Pack of 10 units
HR8509AA   1 unit

THR9 Ex Accessory Catalogue

POWER

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)

- 6 radios and 6 batteries can be charged individually or 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 Batt)

- 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

THR9 Ex Accessory Catalogue

CARRYING

Carrying plug-in compatibility

SBC-Ex

**BLN-EX2
Battery Ex**

**LCC-17x
Leather case with belt loop**

**STR-1
Shoulder Strap**

**STR-5x
Red Leather Strap**

**STR-2
Wrist Strap**

THR9, Ex Connector

**LCC-9x
Leather
case**

**LBL-Ex
Red Leather
Case with
click Fast**

**LCC-15x
Leather
case with
click Fast**

**NCH-9x
Nylon Chrest Harness**

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

KFS-3/-4

**BMD-
Belt Mounting Docks**

**BCH-9x
Belt Clip**

THR9 Ex Accessory Catalogue

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

CARRYING

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-   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 with belt loop
- To be used together with LBL-Ex

Reference: HR8532AA

Related accessory: to be used with LBL-Ex

THR9 Ex Accessory Catalogue

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

THR9 Ex Accessory Catalogue

CARRYING

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: Red Leather Case with Klick Fast   LCC-15x

THR9 Ex Accessory Catalogue

CARRYING

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

Installation plug-in compatibility
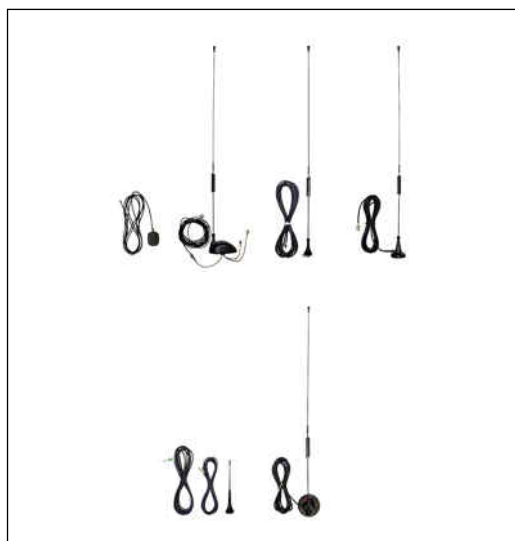
THR9 Ex

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-   Vehicle Antenna Kit

CVR-24V/12V DC/DC Converter

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

THR9 Ex Accessory Catalogue

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
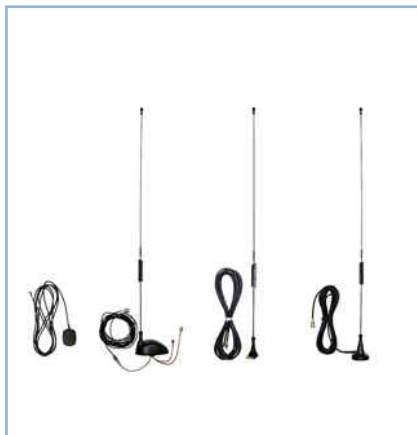- Data cable to connect your radio to a PC DLR-3T

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 / -6 / -7 / -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

THR9 Ex Accessory Catalogue

CVR-3 /-4 /-7 /-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 /-6   12V/12V DC/DC Converter

- **Lifetime warranty by the manufacturer**

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

CONNECTIVITY

Connectivity plug-in compatibility

DLR-9U Data Cable

THR9 Ex

DAU-9M

CA-121

Programming Cable

THR9 Ex Accessory Catalogue

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
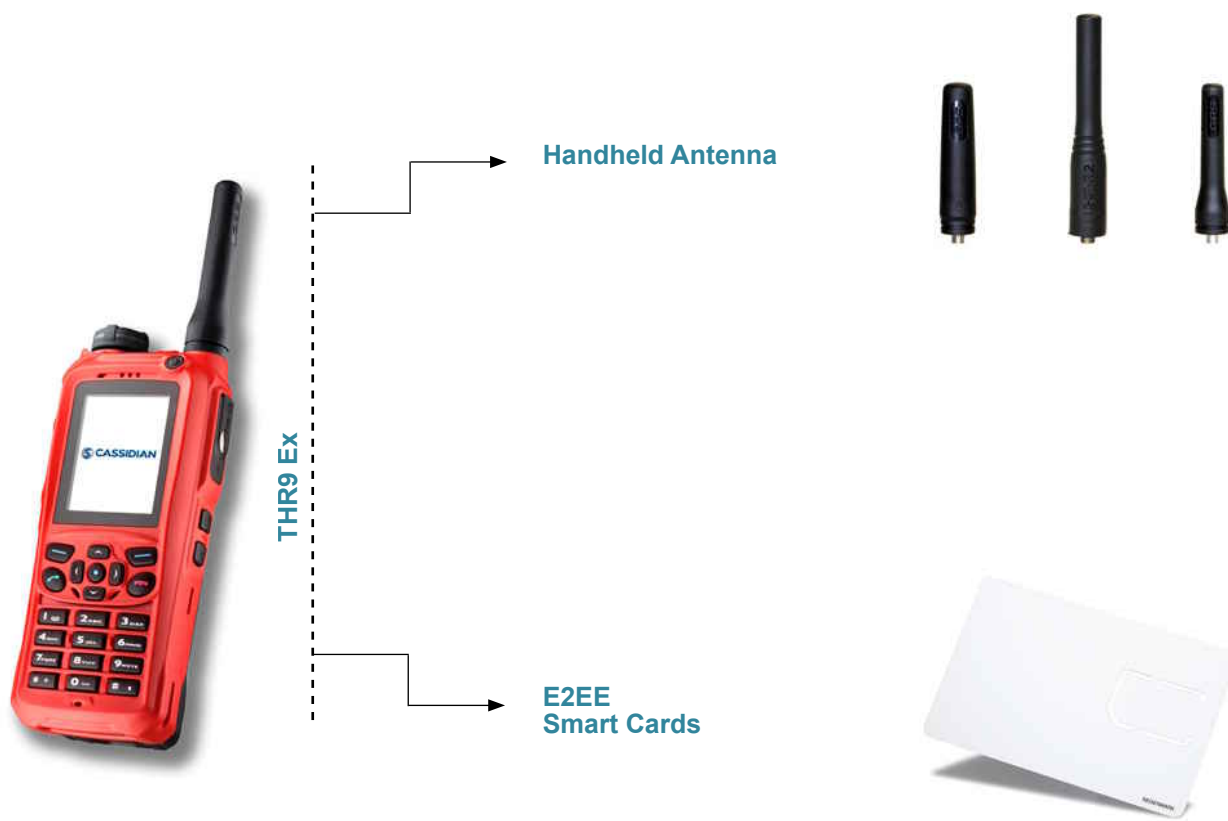
Reference: T0730162

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

VARIOUS ITEMS

Handheld Antenna

THR9 Ex

**E2EE
Smart Cards**

THR9 Ex Accessory Catalogue

AN-13 / AN-14 / AN-20   ATEX Handheld Antenna

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

Compatibility: THR9, THR9i

References: HT9233AA   Pack of 5 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

E2EE   Smart Cards

• Smart Cards for e2ee1 and e2ee2

Compatibility: THR9, THR9i, THR8, THR880i, TMR880i

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