Accessories for

TH1n

AIRBUS
DEFENCE & SPACE

TH1n pocket-fit TETRA radio

Small size, big performer

The TH1n TETRA radio from Airbus Defence and Space offers all the best elements of a PMR handset in a slim design that makes it easy to carry. Yet it still packs a full set of features, being robust and delivering a loud and clear voice quality to satisfy even the most demanding users.

TH1n is the first in a completely new class of pocket-sized TETRA radios. Its classy, elegant design, featuring a metallic finish and well-formed, rubber-coated sides, sets it apart from conventional professional mobile radios. The large, bright colour display, familiar from many other Airbus Defence and Space radio models, makes critical information available in a clear, easy-to-read format.

Download the full brochure available at https://cinfodin-airbusds.com

- Slim and light pocket-fit design
- Best-on-the-market usability
- Fresh, new user interface style
- Large QVGA colour display
- Automatic carrying mode recognition
- Water and dust resistant according to IP65
- Extended radio coverage thanks to class 3L output power and DMO repeater
- Java™ MIDP 2.0 platform for applications

TH1n - Introduction

PS11422EENAA01

TH1n in videos
Use cases

TH1n - Basic covert use

Control your TH1n remotely by special covert accessories while your radio is completely invisible

TH1n - Healthcare use

Keep your hands free and your radio close enough to use it easily

Go through the next pages to find the accessories shown in these videos:

Headphone with Mic HDS-70	All Jack Hub AJH-1	Counterbalance Shoulder Holder CCR-3	Covert Harness HRS-4	Induction Loop HDS-69	Bluetooth Hub BTH-1
Bluetooth Dongle BDT-1	Dipole Antenna AN-45	Remote PTT RCU-1	Remote Speaker Mic SPM-12	Upper Arm Holder CRR-4	Pocket Clip Holder CRR-2

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TH1n accessories
Classification

Business

VIP Escort

Semi Covert

Service / Industry

SPM-12

HDS-5　　**HDS-6**　　**HDS-7**

TH1n Connector

VIP escort

HDS-73　　**HDS-14**　　**HDS-15**

HDS-16　　　　　　**HDS-18**

HDS-17　　　　　　**HDS-71**
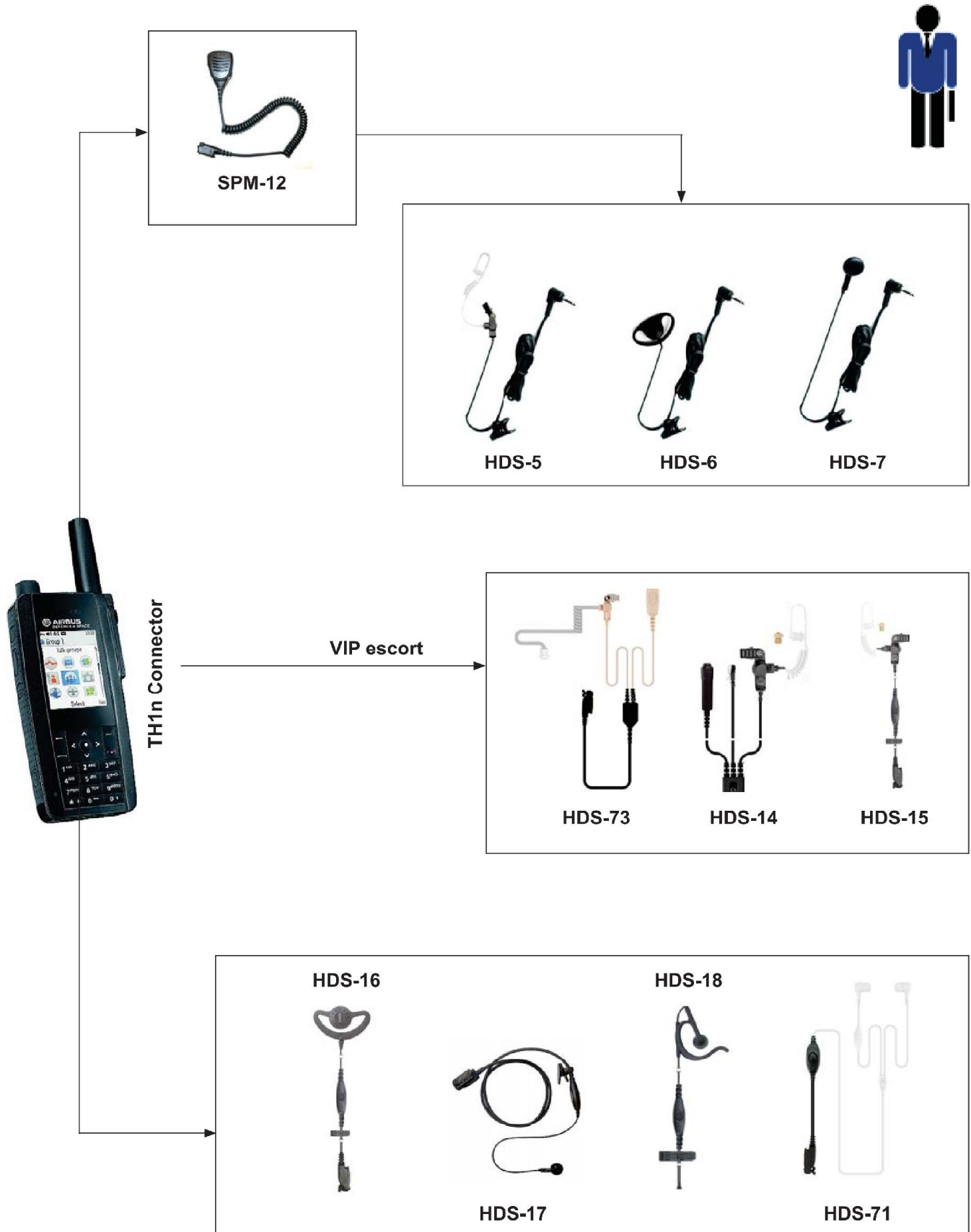
SPM-12
Remote Speaker Microphone

- IP54 protection class
- Emergency button
- Belt Clip
- Passive noise cancelling
- 3.5 mm connector for additional headsets on the PTT opposite side

Reference: HR9060AA

Related accessories: HDS-5, HDS-6, HDS 7

HDS-5
Acoustic Sound Tube with Jack 3.5

- Acoustic sound tube
- Connection to speaker-microphone
- Rx Only
- Colour: black
- Jack 3.5 mm

Reference: HR8154AA

Related accessories: SPM-12; SPM-4

HDS-6
D-Earset

- D-earbud with rubberised adjustable loop
- Connection to speaker-microphone
- Rx only
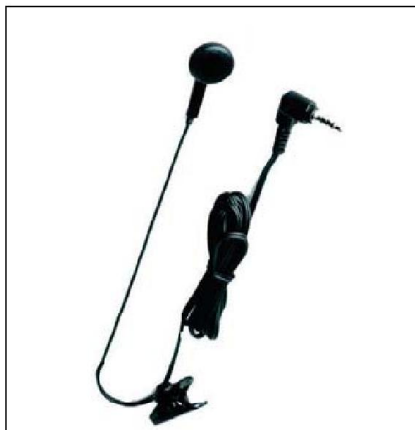- Colour: black
- Jack 3.5 mm

Reference: HR8228AA

Related accessories: PM-12; SPM-4

HDS-7
Earbud

- Standard earbud
- Connection to speaker-microphone
- Rx Only
- Colour: black
- Jack 3.5 mm

Reference: HR8229AA

Related accessories: SPM-12; SPM-4

HDS-14
3-Wires Acoustic Sound Tube with PTT & MIC

- For VIP escort
- 3-wire surveillance earpiece with transparent acoustic tube
- The transparent acoustic tube is comfortable to wear, and provides a discreet appearance
- PTT, microphone and speaker are on three separate wires to provide discreet communication

References: HR8381AA   Beige
            HR8381BA   Black

HDS-15
2-Wires Acoustic Sound Tube with PTT & MIC

- For VIP escort
- 2-wire surveillance earpiece with transparent acoustic tube
- The eartip is comfortable to wear

Reference: HR8382AA

HDS-16
D-Earset with PTT & MIC

- In-Line PTT with integrated microphone
- Light and Soft Rubber Ear Hanger

Reference: HR8384AA

HDS-17
Earbud with PTT & MIC

- Earbud with in-line PTT
- The eartip is comfortable to wear

Reference: HR8386AA

HDS-18
Earhook with PTT & MIC

- Ear hook with in-line microphone & PTT
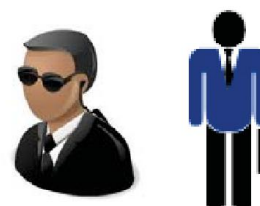- Hook-earholder can be worn on the ear reliably

Reference: HR8388AA

HDS-71
Smartphone Kit with TH1n Connector

- This discreet kit allows to establish quality communication on your receiver transmitter TH1n. It is composed by a pair of in-ear headphones smartphone like with a microphone and two PTT, one at the mouth, the other clipped to your belt.

Reference: HR8965AA

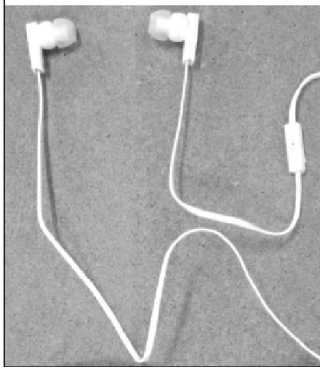## HDS-73
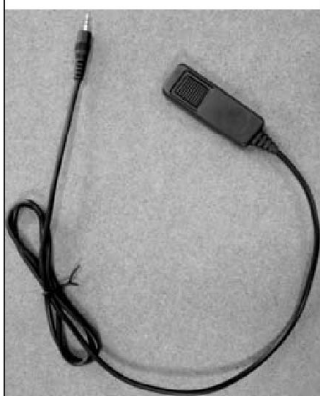## TH1n surveillance kit with curly acoustic tube
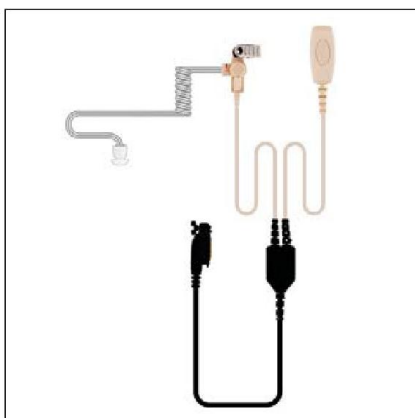
- This kit is designed for officers in charge of close protection. Remote PTT with integrated microphone give accurate voice communication, even in noisy environment. Coiled acoustic tube audio is provided with 3 sizes ear tips

Reference: HR9757AA

Basic Covert

HDS-71

All Jack Hub
AJH-1

Jack 2.5 mm
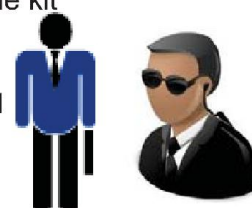
Jack 3.5 mm

RCU-1

HDS-69

HDS-70

AJH-1
All Jack Hub

- Easy to connect on the side connector, this dispatcher allows to connect:
  - On jack 3.5: commercial earpiece (HDS-70) or induction loop for discreet outfit (HDS-69)
  - On jack 2.5 a wired remote control unit (RCU-1)
- AJH-1 goes with a standard jack 3.5 smartphone kit

Reference: HR8966AA

Related accessories: HDS-69 / HDS-70 / RCU-1

Compatibility: THR8

RCU-1
Remote Control Unit

- This remote control unit allows to discreetly use the Push To Talk function. It can fit along the arm.
- Connected on AJH-1 on Jack 2.5 mm

Reference: HR8967AA

Related accessories: AJH-1

HDS-69
Induction Loop with Jack 3.5

- High quality induction loop and earpiece with jack 3.5 mm
- Earpiece and induction loop can be personalized
- To be easily connected on the wired dispatcher AJH-1 or the Bluetooth hub BTH-1

Reference: HR8963AA

HDS-70
Smatphone Kit with Jack 3.5

- Good quality, standard commercial look for this jack 3.5 smartphone kit wit online microphone
- To be easily connected on the wired dispatcher AJH-1 or the Bluetooth hub BTH-1

Reference: HR8964AA

Covert Solution

Wireless Keyfobs

AN-45
Dipole Antenna

Remote Control Unit

Adaptor Lead

Smartphone Kit

Headset

Induction Systems with Wireless Earpiece

MIC / Inductor Lead

Neckloop

Wireless Earpiece

Profilo

Zero Interference Kit

Zero interference

KCR-1, KCR-7
Adaptor Lead, RCU and Wireless Keyfobs

- The Adaptor Lead connects to the TH1n on one end and to both the RCU and the selected audio kit on the other ends. Its design is tailored to perfectly transmit both controls and audio.
- The RCU (Remote Control Unit) offers following features: PTT, Volume control, DMO/TMO change, Emergency, Tone, Radio PWR on/Off.
- The Wireless keyfobs (standard or VW) are securely paired and allow remote PTT and Tone.
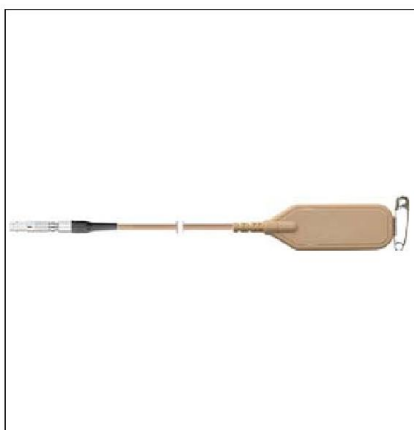
References: HT10537AA   With Adaptor Lead LEMO/LEMO (KCR-7)
HT10471AA   With Adaptor Lead LEMO/12-pin Hirose (KCR-1)

Related accessory: HY2067AA   RTU (to activate Smart Interface)

IND-1
Neckloop

- Hi-efficiency Neckloop with inductor to transfer audio to the wireless earpiece & microphone

Reference: HR9196AA

IND-2
Mic. / Inductor Lead

- Microphone and inductor to transfer audio to the wireless earpiece

**Reference:**   HR9198AA

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Profilo

- Based on a Transductive technology, Profilo allows to operate out of all interferences frequencies. This guarantees to keep outstanding communications in harsh environment such as inside cars, public transports (Metro, Train, Bus, …), airports, elevators.

Reference: Contact your Sales Manager

ZIK-1 / ZIK-2
Zero Interference Kits
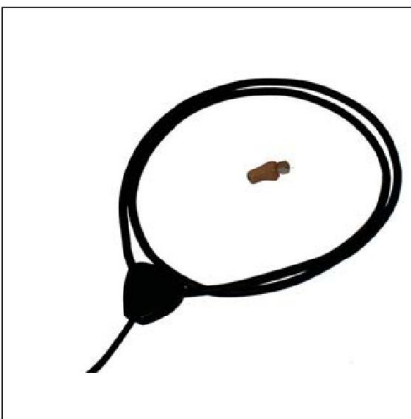
- These audio kits drastically reduce levels of audible interference and noise when used in areas of high AC magnetic field strength, such as in motor vehicles, on trains, and in sites with significant levels of electronic and electrical technology. The system achieves outstanding speech quality across the whole spectrum of covert applications where standard inductive devices would be inoperable.

References: HT10639AA ZIK-1 Kit 0-interference with Lemo connector. Includes DR-5 0-interference neckloop with Lemo connector and DR-5 wireless earpiece

HT10639BA ZIK-2 Kit 0-interference with 12-Pin Hirose connector. Includes DR-5 0-interference neckloop with 12-Pin Hirose connector and DR-5 wireless earpiece

HDS-72
Headset

- Alternative to the induction or transduction systems, this standard looking smartphone kit allows to have clear audio, while one can look 'as anybody in the street'.

Reference: HR9195AA

MWE-1, MWE-2, MWE-3
Wireless Earpiece

- Its DSP circuitry and soft squelch function reduces the interference from external electromagnetic interference, while providing clear and crisp receive audio.
- To be used in conjunction with Neckloop or Mic/Inductor lead.
- Available in European, Dark European and Afro Caribbean colours.

References: HR9202AA   Beige (MWE-1)
HR9202BA   Dark European (MWE-2)
HR9202CA   Afro-Caribbean (MWE-3)

ACP-12
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

LCH-12
Car Charger

- 12/24V charger for vehicle use
- To be plugged in a cigarette lighter
- Sold in kits of 5 pcs

Compatibility: THR880i, THR880i Ex, THR9 Ex, THR9i, THR8

Reference: HT10602AA

DKL-1
Desktop Charger (1+1)

- A convenient way to charge your radio on your desk
- A spare battery can be charged separately or simultaneously with the radio
- Power supply specific to allow simultaneous charging
- LED for battery charging status

References: HT10268AA - EU plug
HT10268BA - UK plug
HT10268CA - CH plug
HT10268DA - US plug
HT10268EA - KO plug

DKL-2
Desktop Charger

- 6 slots batteries charger for BLN-10 and BLN-11 batteries
- BLN-10 and BLN-11 are TH1n batteries
- The 6 batteries are charged simultaneously
- Available with most worldwide used plugs

References: HT10453AA - EU plug
HT10453BA - UK plug
HT10453CA - CH plug
HT10453DA - US plug

DKL-3
Desktop Charger

- 2 slots batteries charger for BLN-10 and BLN-11 batteries
- BLN-10 and BLN-11 are TH1n batteries
- The 2 batteries are charged simultaneously
- Available with most worldwide used plugs

References: HT10452AA - EU plug
HT10452BA - UK plug
HT10452CA - CH plug
HT10452DA - US plug

BLN-10
Standard Battery

- 1590 mAh Li-Ion battery offers excellent performance
- Included in the standard sales package
- Kit of 8 pieces

Reference: HT9980AA

BLN-11
High Capacity Battery

- 3180 mAh Li-Ion battery offers excellent performance
- Increases product thickness only by 4 mm
- Kit of 8 pieces

Reference: HT9981AA

CRR-2
Pocket Clip Holder

- Keeps the radio easily accessible in the pocket
- Fits nicely to inside pocket also, making the radio invisible
- Pocket clip holder made in light resistant fabric
- The terminal is solidly attached to the holder
- Includes a magnet clip for automatic carrying mode recognition

Reference: HR8881AA

CCR-3
Counterbalance Shoulder Holder

- Light and easy way to carry the terminal
- Releases both hands for other duties
- One part placed under the clothing on the shoulder, the other on top of it
- Thanks to its two magnets, the terminal is safely attached to the user
- Includes a magnet clip for automatic carrying mode recognition

References: HR8882AA (Black)
                HR8882BA (White)

CRR-4
Upper Arm Holder

- Easy and practical way to carry the terminal on the upper arm
- Releases both hands for other duties
- Scratch closing system, adapted to all users
- Light and weatherproof textile
- Includes a magnet clip for automatic carrying mode recognition

Reference: HR8885AA

NCC-1
Neck Carrying Case

- Easy way to carry the TH1n around neck
- Made in solid and light fabric
- With a ID card holder and placement for keys
- Includes a magnet clip for automatic carrying mode recognition

Reference: HR8887AA

TCC-3
Textile Belt Case

- Light way to carry the TH1n in belt
- Made in solid and light fabric
- Compatile with standard and hi-capacity battery
- Includes a magnet clip for automatic carrying mode recognition

Reference: HR8883AA

LCC-11
Leather Belt Case

- Elegant way to carry and protect the TH1n in belt
- Made of black soft leather
- Compatible with standard and high-capacity battery

Reference: HR8884AA

CSV-1
Covert Sticker

- Mainly for car and office use
- Placed below the dashboard for easy and fast access to the terminal
- Made in solid and light fabric

Reference: HR8889AA

LCC-18
Leather Case with Clip

- Full grain leather with high resistance and technical materials
- Diabolo and rotative clip Kameleone
- The case enables the use of TH1n with standard or high capacity battery
- Kit of 5 pieces

Reference: HT10369AA

BCH-10
Belt Clip

- TH1n Belt clip
- Kit of 100 or 500 pieces

References: HT10556AA   Kit of 500 pieces
                        HT10555AA   Kit of 100 pieces

CARK-10
TH1n Car Kit

Car kit includes:
- MCR-6 Mobile Holder: HT10392AA
- 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-3
- Data cable to connect your radio to a PC DLR-3T

Reference: HT10267AA

Car kit spare parts
Parts of the complete car kit are available stand alone

Vehicle Antenna Kit

Several antennas for vehicle installation

Compatibility: THR9i, THR9i Ex, 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
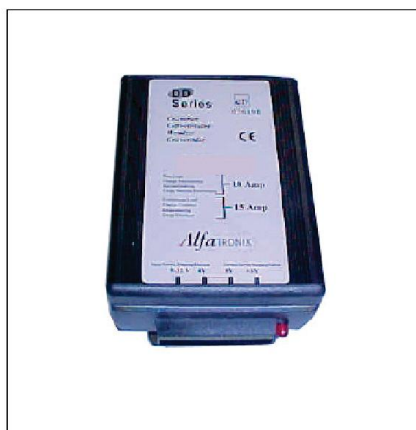
CVR-4 / CVR-7 / CVR-8
24V/12V DC/DC Converter

- Range of DC/DC converter for the vehicles
- Various types available

Lifetime warranty by the manufacturer

References:	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 |

DLR-8U
Data Cable

- DLR-8U data cable is connected to the side connector of the radio and to PC's USB port

Reference: HG5326A

CA-147
Programming Cable

- CA-147 cable is connected directly to the radio's side connector and to an USB port of the PC
- To be used with Tetra Programming Tool (TPT)

Reference: HG5396A

SF-10
Flashing Adaptor

- SF-10 allows to connect to the TH1n so to flash it with the FPS-21 flashing box
- RJ45 plug

Reference: HR9081AA

SFL-1
TAQTO Connectivity Kit (1 slot)

- Taqto connectivity for terminal programming
- Plug and play
- Charging slot for spare battery
- Programming and charging status visible through 3-color leds

References: HT10269AA   EU plug

SFL-8
TAQTO Connectivity Kit (8 slots)

- Taqto connectivity for programming up to 8 terminals simultaneously
- Plug and play
- Charging slots for spare batteries
- Programming and charging status visible through 3-color leds

References: HT10270AA   EU plug
HT10270BA   UK plug
HT10270CA   US plug

Smart Cards

Smart Cards for e2ee1 and e2ee2

Compatibility: TH1n, THR9, THR9i, THR8, THR880i, TMR880i

Reference: HT10513AA SMARTC E2EE2 2.2 TR+DWSX+RCS

AN-32
Antenna

- 380-430 MHz high gain antenna for TH1n handheld
- Dual band PMR & GPS
- Length: 65 mm
- Kit of 5

**Reference:** HT9982AA

AN-33
Antenna

- 380-400 MHz performance antenna for TH1n handheld
- Dual band PMR & GPS
- Length: 44 mm
- Kit of 5 pieces

Reference: HT9983AA

AN-45
Dipole Antenna

- Specifically designed for undercover operations.
- The antenna is worn across the shoulders and down the back.
- 380 to 430 MHz
- Signal optimised to individuals body
- SMA plug

Reference: HR9061AA

AN-44
¼ Wave Antenna
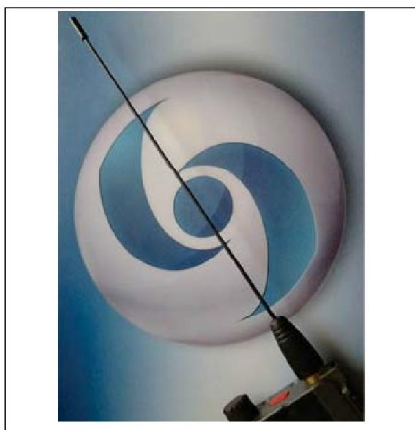
- Super flexible covert antenna
- 380 – 430 MHz
- Moulded over SMA plug
- Kit of 5 pieces

Reference: HT10330AA

AN-46
Antenna

- 806-870 MHz
- Dual band PMR & GPS
- Length: 44 mm
- Kit of 5 pieces

Reference: HT10550AA