



Thales 25 Accessories

A Full Complement of Accessory Products to Get the Most Out of Your Thales 25 Portable Radio

- Batteries
- Chargers
- Antennas
- Audio Accessories
- Cables and Connectors
- Cases
- Software Options



THALES 25 ACCESSORIES

BATTERIES

Lithium-Ion Rechargeable Battery 1600464-5



The twist on/off Lithium-Ion Rechargeable Battery provides over ten hours of battery life without the memory effects associated with other rechargeable batteries. The battery has an internal fuel

gauge that displays the battery's charge state on the radio's LCD.

AA Battery Cassette 4101171-502



The AA Battery Cassette holds ten readily available, disposable, alkaline "AA" battery cells and provides ten hours of battery life at a 10:10:80 duty cycle. Thread-in fasteners operate with coin or tool to remove the outer shell. Cells can be changed without

removing the cassette from the radio. The AA cell pack automatically limits the radio to 2 Watts maximum RF output.

Note: Thales recommends Hybrid Battery 1600578-2 for new purchases.

Hybrid Battery 1600578-2



The Hybrid Battery combines lithium-ion extended-life battery technology with an internal AA cell battery compartment holding eight AA cells. The Hybrid Battery delivers 5 Watts of power for 14 hours of operation. 24 hours can be achieved at 2 Watts RF power

(10:10:80 duty cycle). It may be charged with the eight AA alkaline batteries or one of the cables listed below.

Charger Cables for Hybrid Battery:

Wall Plug-In 1600555-1
Cigarette Lighter Adapter 1600556-1

Note: All of the above can be used to charge the lithium-ion section of the hybrid battery and are purchased separately.

CHARGERS

6-Station Battery Charger AC/DC, AC



AC/DC-1600580-3, AC-1600580-4

The 6-Station Battery Charger is available in an AC/DC or an AC only version. Both versions operate from 90 to 265 VAC (50 to 60 Hz). The AC/DC version also operates from 10 to 32 VDC. Both are capable of fully recharging six fully depleted/discharged battery packs to 95% in 1.3 hours, 100% in 3 hours.

Desktop/Auto Charger Kit MA6996



The Desktop/Auto Charger Kit includes the Desktop/Auto Charger Unit, Wall Plug-In (120/240 VAC) and Cigarette Lighter Adapter. The Desktop/Auto Charger charges all Thales 25 lithium-ion batteries.

Charger replacement parts:

Charger Unit 1600552-1
Wall Plug-In 1600555-1
Cigarette Lighter Adapter 1600556-1

ANTENNAS

136-174 MHz Broadband Antenna 85251



Broadband/general purpose antenna is approximately 8 inches long and provides consistent coverage across the 136-174 MHz frequency band.

136-149 MHz Narrowband Antenna 85271



High-performance narrowband VHF antenna is approximately 6.5 inches long. It covers the 136-149 MHz frequency band.

150-161 MHz Narrowband Antenna 85272

High-performance narrowband VHF antenna is approximately 6.0 inches long. It covers the 150-161 MHz frequency band.

162-174 MHz Narrowband Antenna 85273

High-performance narrowband VHF antenna is approximately 5.5 inches long. It covers the 162-174 MHz frequency band.

136-152 MHz Antenna 1600468-2



High-performance VHF antenna is approximately 6.5 inches long and covers the 136-152 MHz frequency band.

Note: This antenna is no longer recommended but is available for purchase to support older model Thales 25 radios (4101256-501) that have not had the antenna upgrade installed.

147-163 Antenna MHz 1600468-3

High-performance VHF antenna is approximately 6.0 inches long and covers the 147-163 MHz frequency band.

Note: This antenna is no longer recommended but is available for purchase to support older model Thales 25 radios (4101256-501) that have not had the antenna upgrade installed.

158-174 Antenna MHz 1600468-4

High-performance VHF antenna is approximately 5.5 inches long and covers the 158-174 MHz frequency band.

Note: This antenna is no longer recommended but is available for purchase to support older model Thales 25 radios (4101256-501) that have not had the antenna upgrade installed.

AUDIO ACCESSORIES

Palm Speaker/Microphone 1600469-9



The Palm Speaker/Microphone features a large push-to-talk (PTT) switch, a strong, 360° rotating clip, an earphone jack and a resilient,

coiled cord. The speaker/microphone has a HI/LO audio switch to conveniently select loud audio for high-noise environments or lower audio for office environments. The speaker/microphone provides clear audio and distortion-free transmission and is built for use in rugged and hostile environments.

Earphone Accessory for Palm Speaker/



Microphone 1100542-501

The Earphone Accessory for the Palm Speaker/Microphone plugs into the jack on the

speaker/microphone for clear audio in high-noise environments or for the secure privacy to receive calls with an earpiece. (Shown with part no. 1600469-9 Palm Speaker/Microphone.)

3-Wire Covert Security Harness with Wired Earpiece Available in tan 1600497-1 and



black 1600497-2

The 3-Wire Covert Security Harness with Wired Earpiece provides a

covert receive and transmission option for the Thales 25 radio for use during operations where concealed radio use is a requirement. The unit includes a mini-microphone, a sleeve PTT switch, earpiece with replaceable rubber earplug and connector (6-pin Hirose).

Note: Requires Audio Side Connector part no. 85305.

2-Wire Covert Security Harness with Wired Earpiece Available in tan 1600497-3 and black 1600497-4



The 2-Wire Covert Security Harness with Wired Earpiece allows the

user to transmit a whispered conversation by raising the microphone PTT to their mouth. The unit includes a miniature microphone with PTT, earpiece with replaceable rubber earplug and connector (6-pin Hirose).

Note: Requires Audio Side Connector part no. 85305.

Wireless Earpiece and Neckloop Transductor



1600497-6 and 1600497-8

The Wireless Earpiece is used in conjunction with any Covert Security Harness (1600497-1, -2, -3, -4) and the Neckloop

Transductor. Used for covert operations, the earphone eliminates all telltale wires to the ear and is designed to appear identical to conventional hearing aids. The Neckloop Transductor plugs into the receive audio line of the security kit and converts the transceiver's audio output to a magnetic field that inductively couples to the pickup coil in the wireless earphone. (Shown both the Wireless Earpiece and Neckloop Transductor.)

CABLES AND CONNECTORS

Cloning Cable 85303



The Cloning Cable allows the transfer of radio operating parameters directly from one radio to another in the field with a simple cable. No other hardware or power is required.

PC Programmer Cable 85302



The PC Programmer Cable is an RS-232 cable that connects a 9-pin computer serial port to the hand held radio for use with PC Programmer.

Note: A cable is included with the purchase of the MA6941C PC Programmer — this is a replacement cable.

GPS Cable: Garmin 1100553-501



The GPS Cable provides an interface between the Thales 25 and the Garmin GPS device.

GPS Cable: Magellan 1100554-501



The GPS Cable provides an interface between the Thales 25 and the Magellan/Thales GPS Device.

Audio Side Connector 85305



The Audio Side Connector attaches to the side of the radio and provides a standard 6-pin Hirose interface connector for use with surveillance harnesses and other external audio

devices. The connector is also used to interface with the Motorola™ key variable loader using the Hirose connection.

THALES 25 ACCESSORIES

CASES

Nylon Duty Case for Radio with Lithium-Ion Rechargeable Battery 1600467-1



The Nylon Duty Case has access openings for external speaker/microphones as well as push-to-talk and side-mounted programmable buttons. The case has slide-keepers for quick attachments to web gear or belts. Over-the-top positive retention strap securely holds the radio

in place. The Nylon Duty Case fits the radio with the rechargeable lithium-ion battery.

Portable Clip 40520



The Portable Clip is a low-profile enameled metal belt clip that holds the radio securely to most standard duty belts. The flexible belt-loop clip slides easily over most belts. The radio slides easily in and out of the low-profile metal frame.

The Portable Clip fits the radio with the rechargeable lithium-ion battery pack.

Spring-Loaded Belt Clip 40508



The Spring-Loaded Belt Clip is designed to slide into a groove in the back of the

Thales 25 radio and easily clips to most belts or web gear. The clip can be removed from the radio to avoid interference with other cases.

Leather Duty Case for Radio with Lithium-Ion Rechargeable Battery 1600467-4



The Leather Duty Case has a "D" swivel for detachment from a belt, and holds the radio with the rechargeable lithium-ion battery pack. The case has a positive radio capture using a bungee-style strap

across the front of the radio at the top and a fitted bucket to hold the bottom of the radio. Access is provided for operation of the radio keypad, internal speaker/microphone and side connector.

Leather Duty Case for Radio with AA Battery Cassette 1600467-7



The Leather Duty Case for Radio with AA Battery Cassette has a belt loop, and holds the radio with AA Battery Cassette attached. The case has a positive radio capture using a bungee-style strap across the front of the radio at the top and a fitted bucket to

hold the bottom of the radio. Access is provided for operation of the radio keypad, internal speaker/microphone and side connector.

Leather Duty Case for Radio with Hybrid Battery 1600467-8



The Leather Duty Case for Radio with Hybrid Battery has a belt loop, and holds the radio with Hybrid Battery attached. The case has a positive radio capture using a bungee-style strap across the front of the radio at the top and a fitted bucket to hold the bottom of the radio.

Access is provided for operation of the radio keypad, internal speaker/microphone and side connector.

SOFTWARE OPTIONS



PC Programmer/Keyloader MA6941C

The PC Programmer/ Keyloader consists of a software program, interface cable (no other external hardware is required) and is a menu-driven, Microsoft Windows®-compatible software program, capable of loading all operating parameters and encryption keys into the radio. The programmer will also print radio operating parameters in a report format and stores the parameters as Windows .pcp files that can be transferred via the Internet as an e-mail attachment.

Project 25 OFB DES Encryption Multi-key Operation Software 1700300-10

The Project 25 Output FeedBack (OFB) Digital Encryption System (DES) Multi-key Operation Software Upgrade uses the Project 25 DES Encryption Standard and allows the radio to hold up to 16 encryption keys at any given time.

Over the Air Re-Keying (OTAR) Software 1700300-4

The OTAR software upgrade allows the Thales 25 radio to receive encryption keys over the air when used in a Project 25 OTAR system.

GPS Interface Software 1700300-8

GPS Interface Software allows location and movement monitoring of the user community using satellite imagery or topographical map software by transmitting location data from an external GPS source.

Fire Radio Software 1700300-9

Fire Radio Software provides selective zone cloning, password protection, tone pick lists and simplified unit ID calling.

THALES

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