MOTOROLA

Product Marketing

Announcement

MTH500 TETRA Radio

15th March 2002

Introduction

The MTH500 is the newest addition to our family of TETRA communication devices. Along with the MTP and MTM700 radios, this portfolio offers real choice to our customers and provides a radio to suit every need.

On/Off Button

Earpiece
- for discrete or phone mode

LED
indicating radio status

Antenna

Menu Key
- easy scrolling though menu

Soft Keys
- Easy access to handset functionality
- Context sensitive menus

Full-Graphics Dynamic Display
- Status icons
- 4 lines x 14 characters
- 128 x 100 pixels

4-way Navigation Key
- Direct access to selected functions e.g. address book

Accessories Connector
- For audio accessories

Mode Key
- Direct access to selected modes e.g. Phone mode

Hook Key
- to engage/disengage call

Full alpha-numeric keypad
- Text entry
- Assigned emergency key #1

"1" Key
- Dual function as emergency button, at long press

Speakerphone
- High audio in noisy environment

Accessories Connector
- For data and power accessories

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MTH500

Expanding the Motorola Portfolio

The introduction of the MTH500 allows customers to add more users on to their TETRA system bringing the benefits of TETRA to a wider audience. Managers, senior officers, administration and support staff who would be uncomfortable with a normal two-way radio can now use the small and light, cellular style MTH500.

Light yet Robust

The MTH500 is the lightest TETRA handset available on the market today. Weighing a mere 193g the radio is also extremely robust. The MTH500 has been through Motorola's Accelerated Life Testing, which simulates approximately 5 years heavy use in the field and has also passed IP54 testing insuring the radio is protected against dusts and water sprays from all directions.

Cellular style

The MTH500 has been ergonomically designed to fit comfortably into the hand making it easy to handle and carry. The attractive and sophisticated handset is easy to use making it ideal for a variety of applications and it can blend in, in any situation.

Recognisable Cellular Features

The MTH500 has many recognisable cellular features such as predictive text entry and vibracall alert settings for discrete operations. The radio has speakerphone features to allow hands-free communication making it the ultimate communications tool in any situation.

Reliable and Safe

For greater security Air Interface Encryption algorithms TEA1 and TEA2 prevent interception of speech and data communications, furthermore the handset can be disabled over the air should it fall into the wrong hands and re-enabled when returned to the owner.

Exceptional audio

The handset delivers loud, crisp and constant audio providing clear communication and improving users safety and operations in all situations. The integrated speaker is on the front of the radio, so wherever the MTH500 is worn, calls will still be clearly heard. In addition to this dedicated speaker a dedicated earpiece ensures safe audio levels for both duplex and private calls.

Accessories

The MTH500 accessory portfolio includes a complete range of cellular-type accessories with a proven design. These new accessories will respond to the end users' needs, from public safety to commercial markets, where ruggedness is not a necessity.

In-Vehicle Solutions

- FLN2850   Digital car kit
- FLN9569   Passive in-car cradle
- FAE5528   External antenna UHF 380 - 400 MHz
- FAE5529   External antenna UHF 410 - 430 MHz
- FLN9469   Vehicular power adapter

Chargers

- FLN9468   Dual pocket desktop charger
  (requires the use of the travel charger)
- WALN4092   Travel charger
  (UK and European plugs)

Batteries

- FTN6031   Standard Li-Ion battery - 800 mAh
- FTN6030   Extended Li-Ion battery - 1100 mAh

Audio Accessories

- FLN9568   Personal hands free kit
- WADN4184   Breeze headset with boom microphone and in-line PTT

Carry Accessories

- FHN6246   Belt clip
- FLN9476   Soft leather carry case

Marketing Support

Literature is available to order from MMC (UK) and Promotion Team (Germany).
Following order numbers:

MTH 500 radio Spec sheet

- ENGLISH   MTH500SS/UK02/02
- GERMAN   L0281 – D (03/02)

Further information:

Contact:
Sarah Skitt, Product Marketing Manager (BAS)

Telephone: **+(44) 1256 48 4481**

E-mail: **SarahSkitt@motorola.com**

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