



Motorola Mobile TV DH02 Series

Touchscreen Entertainment on the Go: Mobile TV, GPS and Personal Media

Time-shift, place-shift, lifestyle-shift — take total control of live and recorded digital TV, video, music and photos for entertainment your way. The touchscreen Motorola Mobile TV DH02 Series is lightweight and portable, ready to go wherever and whenever you want ... and GPS navigation will even help you get there.

Now the shows and events you follow on television can follow you. Specifically designed for TV, multimedia entertainment and GPS navigation, the Motorola Mobile TV DH02 Series is smaller than a paperback novel, but big enough to pack a gesture-based touchscreen interface, stereo sound and a high-quality 4.3 inch WQVGA screen supporting up to 16 million colors. The Motorola Mobile TV DH02 Series offers intuitive control and navigation, with a built-in electronic program guide and automatic channel scan for added convenience.

The Motorola Mobile TV DH02 Series - DH02b, DH02n, DH02i - provides a new world of experiences and avenues for future entertainment solutions to meet the demands of end-users, broadcasters and mobile network operators. The Motorola Mobile TV DH02b enables the experience of watching broadcast TV using DVB-H technology and personal multimedia content. The Motorola Mobile TV DH02n provides GPS navigation in addition to the experience enabled by DH02b. The Motorola Mobile TV DH02i further extends the entire experience of mobile entertainment by introducing back channel GPRS or HSDPA data connectivity for high-speed web browsing and interactive services.

The inclusion of HSDPA/ GPRS back channel support provides the potential to MNOs (Mobile Network Operators) to offer rich interactive services to their customer base. In addition, you can call up GPS Points of Interest hands-free and even take advantage of Bluetooth connectivity for wireless stereo audio links.

The lightweight Motorola Mobile TV DH02 Series is ready to be your all-in-one personal entertainment device — for video and music, mobile Pay TV, GPS navigation and Location Based Services (LBS).

Mobile Entertainment in Your Pocket

- Rich media experience
- Personal media
- GPS Navigation

General:

- Live DVB-H TV: stunning digital video quality @ 25 fps on a high resolution WQVGA display
- Streaming TV and video clips, high-speed web browsing and TV interaction
- Convenient automatic channel scan and listing
- PVR capabilities — timeshift, pause live TV, frame grabbing
- Personal content like video, music and pictures on microSD cards
- Points of Interest (POI) with voice assisted guidance, real-time traffic information and speed alerts
- E-call and SMS support; handsfree calls to Points of Interest
- Gesture-based touchscreen — click, drag and scroll icon-based menus for easy operation
- Bluetooth and earphones
- Portrait and landscape auto-flip — use portrait view for navigation and POI calls, and landscape for mobile TV and personal media entertainment

DATA SHEET

MOTOROLA MOBILE TV DH02 Series
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FEATURES AT A GLANCE - DH02 SERIES

DH02b: Broadcast and Personal Media Player

DH02n: DH02b + GPS Navigation

DH02i: DH02b + GPS Navigation + Back Channel (GPRS/HSDPA)

DISPLAY

4.3" TFT LCD

16:9 aspect ratio

WQVGA 480x272 pixels

16 M colors, contrast ratio: 400:1

Horizontal/vertical image flipping

TOUCHSCREEN

4-wire, 12-bit resistive

DVB-H TECHNOLOGY

DVB-H UHF channels 21 to 69

DVB-H COFDM 2k/4k/8k Front-End is able to handle 6, 7 or 8 MHz bandwidth channels

EN 300.744/ EN 301.192

Electronic Service Guide (ESG) support

OMA BCAST (DRM, Smart Card Profile) or IPDC OSF/security support

USIM Lock and authorized channel lock

PAY TV SECURITY

Nagravision KDA

Irdeto Soft Cell

NDS Videoguard mobile

MULTIMEDIA STREAMING AND PLAYBACK

RTP/RTCP: supported

Video: H.264 AVC QVGA

MPEG-4 SP level 3 QVGA

Music and audio: AAC, MP3

Image: JPEG, GIF, PNG

File formats: M4V and AVI files

GPS RECEIVER AND MAPS (DH02n, DH02i MODELS)

SiRF Star III based

Tele Atlas maps

NAVTEQ maps

MOBILE NETWORK SUPPORT (DH02i MODEL)

Tri-band/quad-band GSM - data only

3.5G UMTS/HSDPA or 2.5G GPRS

MEMORY

64 MB + up to 512 MB Flash

64 MB RAM

External SD/MMC card

2GB Flash (with PND option - DH02n, DH02i models)

WIRELESS SUPPORT

Bluetooth 2.0 HFP

MEMORY CARD SUPPORT

microSD

CONNECTORS

Earphone jack

microSD slot

USB connector mini A/B

USIM/UICC card reader

KEYS

ON/OFF button

BATTERY

Rechargeable Lithium Polymer

1700mAh Standard Battery

1860mAh Extended Battery (optional)

DIMENSIONS AND WEIGHT

134mm x 81mm x 16mm (WxHxD)

210g including batteries



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