

7 September 2005

Vodafone K.K. unveils 903T and 803T 3G handsets

*903T's GPS navigation function can be used in Japan and abroad
803T features external display and touch pad for easy access to music tracks*

Vodafone K.K. today announces that from early October 2005 it will offer the Vodafone 903T 3G handset by Toshiba, the world's first*¹ mobile handset capable of network-assisted*² GPS navigation both in Japan and abroad. From mid-October it will also market the Vodafone 803T all-in-one music player 3G handset by Toshiba, which features easy access to music files and background play when using mail or the web.

The main features of the handsets are as follows:

Vodafone 903T

- World first: supports 'Vodafone live! NAVI' for network-assisted GPS navigation both in Japan and on roaming networks
- 2.4-inch QVGA (240 x 320 pixel) LCD for easy map viewing
- Auto focus 1.92 megapixel mobile camera

Vodafone 803T

- External Music Console for easy music listening while the handset is folded and background play when using mail or the web
- Enriched functions: 2.26 megapixel mobile camera, stereo twin speakers, and Bluetooth®

For more information on the Vodafone 903T and Vodafone 803T, please see the attached appendices.

*1: As of 7 September 2005, among mobile handsets that used network-assisted GPS navigation services (according to Vodafone K.K.).

*2: A technology that accelerates positioning times and expands areas by using location information (assist data) via the network to improve GPS-only positioning drawbacks such as areas not available for positioning, or positioning timing delays.

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- As of 7 September 2005 voice roaming is available on GSM networks in 121 countries and regions, with Vodafone live! internet roaming in 56 of them. In addition, 3G (W-CDMA) voice roaming is available on networks in 22 countries and regions abroad, with Vodafone live! roaming in 19 and video call roaming available in 5 of them.

- Chaku-Uta Full® is a registered trademark of Sony Music Entertainment Inc.

- Bluetooth word mark is owned by the Bluetooth SIG, Inc. and any use of such mark by Vodafone K.K. is under license.

- miniSD™ is a trademark of the SD Association.

- QR Code is a registered trademark of Denso Wave Incorporated.

- Java and Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

- V-appli is a trademark of Vodafone K.K.

- Vodafone, Vodafone live! and the speech mark symbol are trademarks or registered trademarks of Vodafone Group Plc.

About Vodafone K.K.

Vodafone K.K. is a leading mobile operator in Japan with nearly 15 million customers and a subsidiary of Vodafone Group Plc, the world's largest mobile community. The Tokyo-based company offers a wide range of sophisticated mobile voice and data services including Vodafone live!, which provides mail and internet access to 85% of its customers, and pioneered the picture messaging service called Sha-mail first introduced in November 2000. In December 2002, Vodafone K.K. launched the world's first commercial 3G W-CDMA service based on 3GPP international standards. Vodafone K.K.'s 3G service offers its customers rich content and roaming in 121 countries and regions. For more information, please visit www.vodafone.jp

*Above data is current as of 7 September 2005.

1. Main Features

- World first: supports 'Vodafone live! NAVI' for network-assisted GPS navigation both in Japan and abroad
 The Vodafone 903T is the first Vodafone K.K. handset to support the 'Vodafone live! NAVI' GPS navigation service. The handset comes pre-installed with the 'ZENRIN its-moNavi' (offered by ZENRIN DataCom CO.,LTD) navigation application so customers can easily experience the service. In addition to convenient functions like current location, surrounding area information, and best route navigation, the software also features car navigation that references VICS*¹ real time traffic congestion information*². In conjunction with the sale of the 903T, Vodafone K.K. will launch the world's first*³ mobile phone network-assisted GPS navigation service that can be used on roaming networks, so customers can check current locations, navigation routes, local information, and tourist guides abroad the same way as they do in Japan*⁴.
*1: Vehicle Information and Communication System. A system that receives traffic information from FM multiplex broadcasting and road beacons, and displays this information in text or graphical form.
 *2: Service can be used for 15 days after first usage for free (traffic congestion navigation service is charged). Other communication charges apply. Please do not operate mobile handset while driving, and stop and use in a safe place.
 *3: As of 7 Sep 2005, among handsets that used network-assisted GPS navigation services (according to Vodafone K.K.).
 *4: Available in 5 countries and regions at time of launch: UK, Netherlands, Spain, Germany and Hong Kong.
- 2.4-inch QVGA (240 x 320 pixel) LCD for easy map viewing
 For accurate displays of map information, the 903T comes equipped with a 2.4-inch QVGA main display. When the handset is open, the display can be rotated 180 degrees clockwise so one can check maps easily in the palm of one's hand while on the move. With its crisp rendition of small letters, the 903T's vivid display is perfect for using Vodafone live! NAVI.
- Auto focus 1.92 megapixel mobile camera
 The 903T comes equipped with an auto focus 1.92 megapixel mobile camera, which can take photos up to UXGA (1,200 x 1,600 pixel) size. The handset supports 'View Style' when taking photographs so customers can use the main display as a large view finder for a digital camera-like feel. In addition, customers can also record video in QVGA resolutions with 15 frames per second, and enjoy viewing the images on a large screen by connecting the handset to a TV.

2. Main Specifications

Network		Japan	W-CDMA
		Outside Japan	W-CDMA, GSM (900/1800/1900 MHz)
Size (Width x Height x Thickness)			Approx. 50 x 111 x 25mm (when folded)
Weight			Approx. 149g
Continuous talktime/ standby time		W-CDMA	Approx. 180 min./approx. 400 hrs. (when folded)
		GSM	Approx. 320 min./approx. 270 hrs. (when folded)
Display		Main	2.4-inch (240 x 320 pixel), TFT LCD (max. 260,000 colours)
		Sub-display	1.1-inch (112 x 112 pixel) TFCC LCD (65,536 colours)
Mobile camera	Resol./ Type	Main	1.92 million effective pixels/MOS
		Sub	310,000 effective pixels/CMOS
	Zoom	Max. approx. 12.5x digital zoom	
Max. photo size		1,200 x 1,600 pixels	
Full screen char. display (full size, when displaying received mails)			56 characters (7 characters x 8 lines) 90 characters (10 characters x 9 lines: standard size) 304 characters (16 characters x 19 lines)
Max. mail capacity		MMS	Max. of approx. 300 (received/sent/draft/unsent/template total)*
		SMS	Max. of approx. 1,600 (received/sent/draft/unsent/template total)*
Max. photo capacity (no. of photos)			Approx. 10MB, shared (max. 500)*
External memory			SD Memory Card (64MB card included)
Polyphonic ring tone voices			64
Other main functions			V-appli (Mega-appli), Chaku-Uta Full [®] , Bluetooth [®] , Custom Screens, Mail Art, USB connectivity, PC Link, IrDA, Bilingual menus, QR Code reading, Mobile Rupo text entry software
Color variations			Blaze Orange (pictured), Deep Sea Blue, Haze White

* Saving capacity depends on file sizes.

3. Retail price (standard set): open price

Standard set includes mobile handset, battery pack, rapid charger, multistereo earphone mic, video output cable, SD Memory Card (64MB) and utility software (CD-ROM)

4. Availability

From early October 2005

Vodafone 903T

Blaze Orange

(Manufactured by Toshiba)



1. Main Features

External Music Console for easy music listening while the handset is folded and background play when using mail or the web

The Vodafone 803T features a 'Music Console' so customers can easily access Chaku-Uta Full[®] music tracks downloaded from Vodafone live! or PC music files transferred to memory cards while the handset is folded. The handset's large-size 1.3-inch sub-display also displays artist names, song length and other information so customers can find the music they want to listen to at a glance. The 803T is also capable of playing music while customers use mail or the web, so music can be enjoyed anytime.

- Enriched functions: 2.26 megapixel mobile camera, stereo twin speakers, and Bluetooth[®]
The back of the 803T has a 2.26 megapixel CCD mobile camera capable of taking photos in sizes of up to 1,296 x 1,728 pixels and stereo twin speakers for enjoying Chaku-Uta Full[®] music tracks. The handset also has rich connectivity features including infrared (IrDA) and Bluetooth[®] for wireless communications with PCs and other devices. For increased convenience when composing mails and using overseas, the 803T comes with an electronic dictionary on the bundled miniSD[™] memory card with a total of approximately 116,000 words (Japanese: approx. 40,000 words, English-Japanese: approx. 40,000 words, Japanese-English: approx. 36,000 words).
- Fully supports Vodafone K.K. 3G services
The 803T is a powerful new model that fully supports Vodafone K.K. 3G services such as Chaku-Uta Full[®] full track music downloads, Vodafone live! BB, which lets customers enjoy rich music and video content by downloading large files via their PCs, video calls, and international roaming.

2. Main Specifications

Network	Japan	W-CDMA
	Outside Japan	W-CDMA, GSM (900/1800/1900 MHz)
Size (Width x Height x Thickness)		Approx. 47 x 100 x 26mm (when folded)
Weight		Approx. 134g
Continuous talktime/ standby time	W-CDMA	Approx. 180 min./approx. 400 hrs. (when folded)
	GSM	Approx. 320 min./approx. 270 hrs. (when folded)
Display	Main	2.2-inch (240 x 320 pixel), TFT LCD (max. 260,000 colours)
	Sub-display	1.3-inch (96 x 160 pixel) STN LCD (4-scale monochrome)
Mobile camera	Resol./Type	2.26 million effective pixels/CCD
	Zoom	Max. approx. 13.5x digital zoom
	Max. photo size	1,296 x 1,728 pixels
Full screen char. display (full size, when displaying received mails)		56 characters (7 characters x 8 lines) 90 characters (10 characters x 9 lines: standard size) 304 characters (16 characters x 19 lines)
Max. mail capacity	MMS	Max. of approx. 300 (received/sent/draft/unsent/template total)*
	SMS	Max. of approx. 1,600 (received/sent/draft/unsent/template total)*
Max. photo capacity (no. of photos)		Approx. 10MB, shared (max. 500)*
External memory		miniSD [™] Memory Card (64MB card included)
Polyphonic ring tone voices		64
Other main functions		V-appli (Mega-appli), Custom Screens, Mail Art, USB connectivity, PC Link, Video output, QR Code reading, Bilingual menus, Mobile Rupo Text entry software
Color variations		Piano White (pictured), Sax Blue, Swing Red

* Saving capacity depends on file sizes.

3. Retail price (standard set): open price

Standard set includes mobile handset, battery pack, rapid charger, desktop cradle, multistereo earphone mic with audio remote control, analog conversion cable (white), USB cable, miniSD™ Memory Card (64MB), miniSD™ Memory Card adapter and utility software (CD-ROM, includes 'Beat Engine' music transfer software)

4. Availability

From mid-October 2005

Vodafone 803T

Piano White

(Manufactured by Toshiba)

