

20 September 2005

Vodafone K.K. to market 2005 fall and winter models

New range to feature Vodafone K.K.'s first 3G handset with integrated Mobile FeliCa smartcard

Vodafone K.K. today announces that it will offer 3 new 3G handsets for the 2005 fall and winter season in the run up to Christmas. The Vodafone 702NK II (Nokia 6680) is scheduled to go on sale from late October, and the Vodafone 703SHf by Sharp and Vodafone 703N by NEC are set to debut in early November. In addition, the V604SH, a new 2G (PDC) handset by Sharp, is scheduled to go on sale from mid-November.

The 703SHf will be Vodafone K.K.'s first 3G handset to come with an embedded Mobile FeliCa smartcard to support 'Vodafone live! FeliCa' mobile wallet services.

Together with the Vodafone 903T and Vodafone 803T 3G handsets by Toshiba announced on 7 September, Vodafone K.K. will have a total of 6 new handsets for the 2005 fall and winter season.

The main features of the handsets are as follows:

Vodafone 702NK II (Nokia 6680)

- Sleek candy bar style design with integrated front camera for convenient video calling
- Compact smartphone model full of features optimal for business users, document viewer for Word, Excel and other Office documents

Vodafone 703SHf

- A Vodafone K.K. first! Integrated Mobile FeliCa smartcard to support 'Vodafone live! FeliCa'
- Compact and slim body of 47mm width for an easy fit in one's hand; 1.3 megapixel camera, 2.0-inch Mobile ASV LCD and other enriched functions

Vodafone 703N

- 'Leather touch design' for a sophisticated feel and sensation of high-quality leather
- Picture Voice[®] for adding voice messages to photos, Chance Capture[®] for conveniently capturing the right moment on video, and other convenient and fun functions

V604SH

- Best-in-class* 3.2 megapixel camera with 2x optical zoom and auto focus
- Full range of entertainment features: analogue TV tuner, 'Motion Control Sensor' that responds to movements, large-size 2.4-inch Mobile ASV LCD, 'Custom Screens' for customisation with popular characters

*As of 20 September 2005 in the Japanese market, according to Vodafone K.K.

For more information on the Vodafone 702NK II (Nokia 6680), Vodafone 703SHf, Vodafone 703N, and V604SH, please see the attached appendices.

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- FeliCa is the contactless IC card technology developed by Sony Corporation.
- FeliCa is a registered trademark of Sony Corporation.
- Picture Voice and Chance Capture are registered trademarks of NEC Corporation.
- Vodafone, Vodafone live! and the speech mark symbol are trademarks or registered trademarks of Vodafone Group Plc.

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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 on 169 networks. For more information, please visit www.vodafone.jp *Above data is current as of 31 August 2005.

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Vodafone 702NK II (Nokia 6680)

1. Main Features

- Sleek candy bar style design with integrated front camera for convenient video calling
The 702NK II (Nokia 6680) has a compact and stylish candy bar design, making it a Vodafone 3G handset perfect for those who demand reserved style and sophistication. With a 1.3 megapixel mobile camera equipped with a flash on the back and an integrated camera on the front, customers can also enjoy snapping photos, capturing videos and convenient video calling.
- Compact smartphone model full of features optimal for business users, document viewer for Word, Excel and other Office documents
The 702NK II (Nokia 6680) is a compact smartphone that offers strong support to business customers. Capable of viewing Word, Excel, Powerpoint and other Office documents, with the 702NK II (Nokia 6680) customers can check business materials on the go without carrying a PC. The handset also supports PC Link*, so customers can synchronise schedules and contacts with their PCs, and Bluetooth® for wireless communications with PCs, PDAs and other devices. Like the 702NK (Nokia 6630), the 702NK II (Nokia 6680) uses the Symbian operating system.

*Software needs to be installed on a PC to use PC Link. Some operating systems and applications may not be supported.

2. Main Specifications (planned)

Network	Japan	W-CDMA
	Abroad	W-CDMA, GSM (900/1800/1900 MHz)
Size (Width x Height x Thickness)		Approx. 55 x 108 x 21mm
Weight		Approx. 133g
Continuous talktime/ standby time	W-CDMA	Approx. 190 min. / approx. 260 hrs.
	GSM	Approx. 360 min. / approx. 260 hrs.
Display		2.1-inch (176 x 208 pixel), TFT LCD (max. 260,000 colours)
Mobile camera/ Type	Main (back)	1.30 million effective pixels/CMOS
	Sub (front)	300,000 effective pixels/CMOS
External memory		RS-MMC (64MB included)
Other main functions		V-appli (Mega Appli), Email Client, Mail Art, USB connectivity, Bilingual menus
Colour		Light Bronze (pictured)

*Above specifications are subject to change as the Vodafone 702NK II (Nokia 6680) is currently under development.

*RS-MMC: Abbreviation for Reduced Size MultiMedia Card. A miniature memory card with dimensions of 18mm (width) x 24mm (depth) x 1.4mm (thickness).

3. Availability

From late October 2005

- Bluetooth word mark is owned by the Bluetooth SIG, Inc. and any use of such mark by Vodafone K.K. is under license.
- 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 703SHf (by Sharp)

1. Main Features

- A Vodafone K.K. first! Integrated Mobile FeliCa smartcard to support 'Vodafone live! FeliCa'

The 703SHf comes with an integrated Mobile FeliCa smartcard to support 'Vodafone live! FeliCa' so customers can use their handset as a wallet replacement. Electronic money for shopping, plane tickets and point cards are supported to make daily life even more convenient.

- Compact and slim body of 47mm width for an easy fit in one's hand; 1.3 megapixel camera, 2.0-inch Mobile ASV LCD and other enriched functions

The 703SHf has the smallest width in the Vodafone 3G lineup at approximately 47mm. In its easy-to-carry compact and slim body, the handset has a host of enriched functions like a 1.3 megapixel camera that can snap close-ups and a high-quality wide angle view 2.0-inch Mobile ASV LCD. The 703SHf also has a Music Player that supports AAC and SD-Audio MP3 music files, and 'Custom Screens' for changing menu screens and icons to one's liking. In addition, the handset fully supports Vodafone K.K. 3G services such as international roaming, video calls, Vodafone live! BB, which lets customers enjoy rich music and video content by downloading large files via their PCs, and Chaku-Uta Full® full track music downloads.

2. Main Specifications (planned)

Network	Japan	W-CDMA
	Abroad	W-CDMA, GSM (900/1800/1900 MHz)
Size (Width x Height x Thickness)		Approx. 47 x 101 x 24mm (when folded)
Weight		Approx. 109g
Continuous talktime/ standby time	W-CDMA	Approx. 150 min./approx. 330 hrs. (when folded) (preliminary)
	GSM	Approx. 240 min./approx. 300 hrs. (when folded) (preliminary)
Display	Main	2.0-inch (240 x 320 pixel) Mobile ASV LCD (260,000 colours)
	Sub-display	1 line, 6 full characters (12 x 72 pixel) monochrome LCD
Mobile camera/ type	Main	1.30 million effective pixels/CMOS
	Sub	110,000 effective pixels/CMOS
External memory		miniSD™ Memory Card (not included)
Other main functions		V-appli (Mega Appli), Mail Art, USB connectivity, Macromedia® Flash™, IrDA, Bilingual menus
Colour variations		Wave Red (pictured), Carbon Black, Cork Beige

*Above specifications are subject to change as the Vodafone 703SHf is currently under development.

3. Availability

From early November 2005

- Chaku-Uta Full® is a registered trademark of Sony Music Entertainment Inc.
- miniSD™ is a trademark of the SD Association.
- Macromedia® Flash™ is a registered trademark of Macromedia, Inc. in the U.S. and other countries.
- Powered by JBlend™.
- JBlend and all JBlend-based trademarks and logos are trademarks or registered trademarks of Aplix Corporation in Japan and other countries.
- V-appli compatible handsets are powered by JBlend®, developed by Aplix Corporation, to speed up the execution of Java™ applications.

Vodafone 703N (by NEC)

1. Main Features

- 'Leather touch design' for a sophisticated feel and sensation of high-quality leather
The 703N features a 'Leather touch design' which gives the surface of the handset a feel of soft, high-quality leather. The material design model offers a new tactile sensation of elegance and beauty that entices one to hold the handset in one's hand.
- Picture Voice[®] for adding voice messages to photos, Chance Capture[®] for conveniently capturing the right moment on video, and other convenient and fun functions
The 703N has a host of convenient and fun features. Picture Voice[®] lets one add voice messages to photos and Chance Capture[®] makes it possible to continue filming video at length until the right moment is captured. Once the desired scene is caught, up to 1 minute* of video can be saved retroactively. The Compact Desktop function allows customers to paste shortcut icons for mail functions and V-applis to the standby screen so they can operate their handsets like PCs. In addition, the Multitask[®] function lets customers activate a multiple number of applications at the same time and switch back and forth between them effortlessly.

*Saving capacity differs according to settings and image details.

2. Main Specifications (planned)

Network		W-CDMA *for use in Japan only
Size (Width x Height x Thickness)		Approx. 50 x 100 x 28mm (when folded)
Weight		Approx. 130g
Continuous talktime / standby time		Approx. 140 min./approx. 430 hrs. (when folded)
Display	Main	2.2-inch (240 x 320 pixel) TFT LCD (65,536 colours)
	Sub-display	1.0-inch (90 x 120 pixel) TFT LCD (65,536 colours)
Mobile camera/ type	Main	1.24 million effective pixels/CMOS
	Sub	100,000 effective pixels/CMOS
External memory		miniSD™ Memory Card (not included)
Other main functions		V-appli (Mega Appli), Video Call, Mail Art, USB connectivity, PC Link, IrDA, Bilingual menus
Colour variations		Leather Red (pictured), Velvet Blue

*Above specifications are subject to change as the Vodafone 703N is currently under development.

3. Availability

From early November 2005

- Multitask is a registered trademark of NEC Corporation.

V604SH (by Sharp)

1. Main Features

- Best-in-class* 3.2 megapixel camera with 2x optical zoom and auto focus
The V604SH features a best-in-class* 3.2 megapixel CCD mobile camera with 2x optical zoom for vivid photographs and auto focus for sharp detail. The V604SH can be enjoyed like a true digital camera, thanks to its 'Swivel Style' design that allows the LCD screen to be reversed 180 degrees for use as a large view finder.

*As of 20 September 2005 in the Japanese market, according to Vodafone K.K.

- Full range of entertainment features: analogue TV tuner, 'Motion Control Sensor' that responds to movements, large-size 2.4-inch Mobile ASV LCD, 'Custom Screens' for customisation with popular characters

The V604SH comes equipped with a terrestrial analogue TV tuner so customers can check TV programmes while on the go, as well as FM radio broadcasts*¹. The handset also features a 'Motion Control Sensor' that responds to movements so customers can tilt the handset in the direction they like for automatic vertical or horizontal TV picture display. For superior photography and TV viewing, the V604SH features a high-quality, wide-angle view, large-size 2.4-inch Mobile ASV LCD. The handset also has a host of entertainment functions like 'Custom Screens' for menu screens and icons that can be customized with popular characters and a Music Player*² that supports SD-Audio MP3 music files for listening enjoyment.

*1: Reception varies according to signal strength and in some cases TV visuals or audio may encounter static or not be received.

*2: Music Player requires music key download (charged) for listening to SD-Audio MP3 music files.

2. Main Specifications (planned)

Network		PDC (2G)
Size (Width x Height x Thickness)		Approx. 50 x 103 x 26mm (when folded, including antenna protrusion)
Weight		Approx. 143g
Continuous talktime/ standby time		Approx. 130 min. / approx. 450 hrs. (when folded)
TV/FM radio viewing/listening time		Max. approx. 60 min. (after full battery charge)
Display	Main	2.4-inch (240 x 320 pixel) Mobile ASV LCD (260,000 colours)
	Sub-display	1 line, 6 full characters (12 x 72 pixel) monochrome LCD
Mobile camera/ type		3.20 million effective pixels/CCD
External memory		miniSD™ Memory Card (32MB included)
Other main functions		V-appli (256K Appli Ver. 2), Chaku-Uta®, Custom Screens, Mobile Karaoke V-kara Ver.2, Video output, Weather indicator, IrDA, Bilingual menus
Color variations		Turquoise & Black (pictured), White & Silver, Black & Red

*Above specifications are subject to change as the V604SH is currently under development.

3. Availability

From mid November 2005

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

- The V604SH is for use in Japan only on Vodafone K.K.'s PDC (2G) network.

**Vodafone
702NK II
(Nokia 6680)**

Light Bronze
(Manufactured by Nokia)



**Vodafone
703SHf**
Wave Red
(Manufactured by Sharp)



Vodafone 703N

Leather Red
(Manufactured by NEC)



V604SH

Turquoise & Black
(Manufactured by Sharp)

