

## **Vodafone K.K. releases Vodafone 902SH 3G handset**

*High specification model offers superior viewing with Mobile ASV LCD technology*

Vodafone K.K. today announces that, as part of its new 3G lineup, it will commence sales of the high end Vodafone 902SH handset by Sharp on 29 December in the Kanto-Koshin region, with a nationwide rollout following thereafter.

The Vodafone 902SH features a Mobile ASV display, which is based on ASV (Advanced Super View) liquid crystal display technology found in Sharp's AQUOS line of LCD TVs. As a result customers can enjoy remarkably clear viewing in bright locations outside and in dark spots indoors. In addition the handset display offers wide views of 160 degrees\* from all angles without any colour distortion.

\*In conformance with JEITA standards (5:1 contrast ratio)

The main features of the Vodafone 902SH are as follows:

- Mobile ASV LCD display for superior viewing from all angles and 180 degree reversible Swivel Style screen
- Auto focus 2.02 megapixel mobile CCD camera with 2x optical zoom
- 3D surround stereo speakers for realistic sound
- International roaming for seamless voice, mail, web and video call services in Japan and abroad

For more information on the Vodafone 902SH by Sharp, please see the attached appendix.

\*Note: Vodafone 902/802/702 series 3G handsets have been developed for the Vodafone Group based on 3GPP world standards. In some cases operations and functions may differ from products previously offered by Vodafone K.K.

\*Domestic 3G network population coverage is expected to be 99.73% at the end of December 2004. As of 28 December, voice roaming is available on GSM networks in 112 countries and regions, with Vodafone live! roaming in 45 of them. In addition, voice and Vodafone live! roaming is available on 3G (W-CDMA) networks in 10 countries and regions abroad, with video call roaming available in 3 of them.

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- Vodafone Group is the world's leading mobile carrier and as of the end of September 2004, had equity interests in 26 countries and 398.5m venture customers, with a further fourteen partner networks.

### **About Vodafone K.K.**

Vodafone K.K. is a leading mobile operator in Japan with over 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 e-mail and internet access to 85% of its customers, and Sha-mail, the pioneering picture messaging service first introduced in November 2000 that now has over 12 million users. In December 2002, Vodafone K.K. launched the world's first commercial 3G W-CDMA service based on 3GPP, the international standard. Vodafone K.K.'s 3G service offers its customers fast data speeds in Japan and roaming on 146 networks in 112 countries and regions as of 28 December 2004. For more information, please visit [www.vodafone.jp](http://www.vodafone.jp)

## Vodafone 902SH by Sharp

### 1. Main Features

- Mobile ASV LCD display for superior viewing from all angles and Swivel Style screen

The Vodafone 902SH's 180 degree reversible Swivel Style 2.4-inch giant LCD display uses Mobile ASV, which is based on ASV (Advanced Super View) liquid crystal display technology found in Sharp's AQUOS line of LCD TVs. The handset offers remarkably clear viewing in bright locations outside and in dark spots indoors, as well as wide views of 160 degrees\* from all angles without any colour distortion. As a result customers can freely enjoy photography or image viewing at a variety of angles.

\*In conformance with JEITA standards (5:1 contrast ratio)

- Auto focus 2.02 megapixel mobile CCD camera with 2x optical zoom

The Vodafone 902SH features a 2.02 megapixel CCD mobile camera with a 2x optical zoom for vivid photography even when zooming up. By utilising the handset's Swivel Style design, the reversible LCD screen can be used as a viewfinder for a true digital camera like feel and enhanced photographic enjoyment.

- 3D surround stereo speakers for realistic sound

The back of the handset houses 3D surround stereo speakers so customers can enjoy extremely realistic audio when listening to downloaded Chaku-Uta® ringsongs, ringtones or other music data from external sources.

- Seamless voice, mail, web and video call services in Japan and abroad

The Vodafone 902SH supports international roaming for voice, mail and web services. In addition, video call roaming is possible so customers can see and hear one another from abroad during business trips or vacations as if they were in Japan.

\*As of 28 December 2004, international video call roaming is available in the three countries: United Kingdom, Netherlands and Spain.

### 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 102 x 26 mm (when folded)
Weight			Approx. 149g
Continuous talktime/ standby time	W-CDMA		Approx. 150 min./approx. 240 hrs.
	GSM		Approx. 240 min./approx. 250 hrs.
Display	Main		2.4 inch (240 x 320 pixel) ASV LCD (max. 260,000 colours)
	Sub		0.62 inch (1 line display: 12 x 72 pixel) monochrome LCD
Mobile camera	Pixels/ Type	Main	2.02 million effective pixels/CCD
		Sub	110,000 effective pixels/CMOS
	Zoom		2x optical zoom, max. 40x digital zoom
	Max. photo size		1,224 x 1,632 pixels
Max. char. Display (full size)			110 characters (11 characters x 10 lines)
Max. Mail Capacity (received/sent)			1,000/500*
Max. photo capacity (no. of photos)			Approx. 8MB, shared (max. approx. 1,600*)
External memory			SD Memory Card (SD Memory Card not included)
Polyphonic ring tone voices			64
Other main functions			V-appli (Mega-appli), Video call, USB connectivity, Bluetooth®, Mail Art, Macromedia® Flash™, IrDA, Bilingual menus, PC Link, Predictive text entry software (Keitai Shoin 3), Barcode reading/composition
Color variations			Mirror White (pictured), Titanium Gray, Warm Orange

\*Saving capacity depends on file sizes.

**3. Retail price (standard set):** open price

Standard set includes mobile handset, battery pack, rapid charger, multistereo headset, L-type video output cable, and utility software (CD-ROM)

**4. Availability**

Kanto-Koshin region from 29 December and other regions thereafter.

Note: Sales dates may differ according to model colour. Sales dates may be subject to change.

# Vodafone 902SH

Mirror White  
(by Sharp)

