

# Product Datasheet for Sharp 770SH



## Application Features

Digital rights management	Yes
Java support	J2ME and other
Over the air configuration (OTA)	Yes
SIM toolkit release	1999

## Browsing

HTML	Yes
WAP	Yes
WAP version	2.0
WTLS key encryption	1024
WTLS support	Class 2

## Communication Classes

3GSM	Yes
Extended GSM (EGSM)	Yes
GSM bands	GSM 900/1800/1900

## GPRS

GPRS	Yes
GPRS PBCCH	Yes
GPRS coding scheme	CS1 CS2 CS3 CS4
GPRS functionality	Class B
GPRS timeslots	Class 10 (4+2)

## Data Connectivity

Data & fax	Data & fax
SyncML	Included
T Flash	Yes
USB port support	Yes

## Bluetooth

Bluetooth	Yes
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## PIM Synchronisation

Calendar Synchronisation	MS Outlook
Contact Synchronisation	MS Outlook

## Dimensions

Size depth (mm)	17.1
Size length (mm)	101
Size width (mm)	49.9
Weight with std batt (g)	101

## Display & Imaging

### Camera

Camera Megapixels	1.3
Camera option	Integrated
Integrated camera res X	960
Integrated camera res Y	1280
Integrated video camera res X	176
Integrated video camera res Y	144
Video capture	Yes

### Primary Display

Colour depth	262144
Colour type	Colour
Resolution X	240
Resolution Y	320
Viewable size X (mm)	33.84
Viewable size Y (mm)	45.12

### Sub Display

Colour type	Monochrome
Resolution X	12
Resolution Y	72
Sub display	Yes

## Environmental

SAR 10g avg Body (W/kg)	1.014
SAR 1g avg Body (W/kg)	0.741
SAR @ 10g avg Head (W/kg)	0.36
SAR @ 1g avg Head (W/kg)	0.299
Separation distance for Body Measurement if applicable (cm)	1.5

## Key Device Features

Calculator	Yes
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calender & organiser
Force feedback compatible	Yes
Games	Pre-installed & downloadable
Handsfree	Integrated + headset incl.
MP3 Player	Included
Rapid text input	T9 standard
Ringtone complexity	Polyphonic
Vibrate alert	Yes
Video Telephony	Integrated

## Messaging

E-mail client	POP3
SMTP authentication	Yes

## MMS

MMS	Yes
MMS download notify	Yes
Message size max rx (Kb)	300

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Message size max tx (Kb)	300	Carkit auto-power-off	N/A
<b>Audio</b>		Carkit radio mute	N/A
AMR format	Send & receive	Change PIN1	Yes
MIDI format	Send & receive	Change PIN2	Yes
MP3 format	No	DTMF support	Send & store
SP-MIDI format	Send & receive	Device profile URL	<a href="http://www.sharp-mobile.com/UAPProf/770SH_G001_3g.xml">http://www.sharp-mobile.com/UAPProf/770SH_G001_3g.xml</a>
WAV format	Send & receive		<a href="http://www.sharp-mobile.com/UAPProf/770SH_G001_base.xml">http://www.sharp-mobile.com/UAPProf/770SH_G001_base.xml</a>
WMD format	No	Electronic/mechanical keyguard	Yes
i-melody format	Send & receive	Last call duration	Yes
<b>Image</b>		Mic mute	Yes
BMP format	Send & receive	Missed call indicator	Yes
GIF display oversize	Resize	PIN enable	Yes
GIF format	Send & receive	Phonebook capacity	500 + SIM
JPG display oversize	Resize	SMS storage capacity	SIM + device capacity
JPG format	Send & receive	Silent service	Yes
PNG display oversize	Resize	Start-up security	PIN only
PNG format	Send & receive	Total calls timer	Yes
TIFF format	No	Welcome greeting	Yes
WBMP display oversize	Resize	<b>Network</b>	
WBMP format	Send & receive	Adaptive multi rate (AMR)	Yes
<b>SMIL</b>		CLIR PCB (*31# o/ride)	Yes
Background	Send & receive	CLIR PCBN (#31# o/ride)	Yes
Max pages receive	5 or more (fixed limit)	CPHS CFF	Yes
Max pages send	5 or more (fixed limit)	CPHS VWF	No
Page timing default (s)	2	Call conference	Yes
<b>Text</b>		Call hold	Yes
Font size options	Normal only	Call transfer	Yes
<b>Video</b>		Call wait	Yes
3GPP format	Send & receive	Caller ID	Yes
AVI format	No	Cancel diverts	Yes
H.263 format	Send and receive	Cell broadcast	Yes
MPEG4 format	Send & receive	Divert all voice calls	Yes
Video Playback	Yes	Divert data calls	No
<b>Operating System &amp; CPU</b>		Divert fax calls	No
Internal memory available to user (MB)	5	Divert if busy	Yes
Processor Speed (MHz)	208	Divert if no answer	Yes
<b>Standard Battery Specs</b>		Divert if not available	Yes
Capacity (mAh)	820	Divert if out of reach	Yes
Technology	Li-ion	EFR	Yes
Time average charge (min)	150	FACCH call setup	Yes
Time max standby 2G (hours)	330	Half rate	Yes
Time max standby 3G (hours)	320	SMS originate	Yes
Time max talk time 2G (min)	220	SMS replace	Yes
Time max talk time 3G (min)	140	SMS reply	Yes
Voltage (V)	3.7	SMS terminate	Yes
Weight (g)	17.5	SPN/ONS support	SPN only
<b>Standard Services</b>		Type Approval Code(s)	358147
<b>Device</b>		USSD	Yes
Anykey answer	Yes	Voicemail icon	Voicemail
Auto-answer	Yes	<b>Video Telephony Specs</b>	
Auto-redial	Yes	Total Bit Rate (bits)	64
Call timer reset	Yes	<b>Video Telephony Display Size</b>	
		Resolution X	240
		Resolution Y	320

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## Video and Audio Format

MPEG4+AMR-NB Yes

## Vodafone Customisation

New Zealand Vodafone Live! Yes

## Accessories

### Battery

XN-1BT77 , 820 mAH, Li-ion battery

### Charger

XN-1CL30 , Cigarette lighter charger

XN-1QC32 , AC charger (SAA)

### Connectivity

XN-1DC30 , USB data cable

### Handsfree

XN-1HS90 , Personal hands-free kit

XN-1HU90 , Handsfree Microphone Unit