


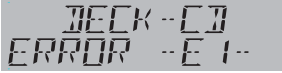
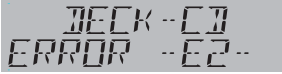
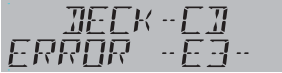
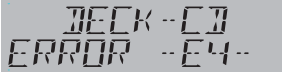
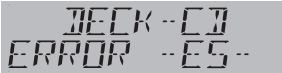
Troubleshooting (continued)

English

Trouble	Possible Solution
Bluetooth®	
Bluetooth® audio cannot be heard.	The main unit is not in the Bluetooth® music mode. ● Check and switch to the Bluetooth® music mode.
	The Bluetooth® audio is not output from mobile phone or Bluetooth® audio device. ● Switch OFF and ON with mobile phone or Bluetooth® audio device for reestablish the communication.
	The music is paused temporarily. ● Press [BAND] button on this unit to resume music play.
	Some mobile phones can not restore the A2DP communication with music mode after ended phone conversation. ● Press [BAND] twice on this unit to restore the A2DP communication.
Telephone voice dial does not work.	The mobile phone does not support the voice dial function. ● Change to another mobile phone which supports the voice dial function.
	The distance between user and microphone is too far apart, the sound is low, or the surrounding is noisy. ● Speak toward the microphone closer and keep the surrounding quiet.
Sound skipping with Bluetooth® audio	This unit and Bluetooth® device are too far apart. ● Bring the Bluetooth® device closer to this unit.
	There is another wireless device near this unit and interference occurs. ● Switch off the other wireless device and keep it away from this unit..
	Other wireless device is using the Bluetooth® profile excluding from main unit. (Ex. All phonebook transmission) ● Switch off the transmission with wireless device.
Unable to import the telephone directory.	The mobile phone dose not support Bluetooth® OPP (Object Push Profile) function. ● Change to another mobile phone which supports Bluetooth® OPP function.
	There is no telephone or name information within exported directory. ● Confirm the directory information is completely and correctly.
	The mobile phone is too far apart or communication interference occurs. ● Bring the mobile phone closer to this unit or switch off the other wireless device and keep it away from this unit.

Trouble	Possible Solution
SiriusXM Satellite Radio Control	
Channel unselectable	No contract with Sirius XM Radio Inc. <ul style="list-style-type: none"> • Refer to page 36 of this book and the SiriusXM's website to sign up for SiriusXM Radio service.
Check antenna	SiriusXM Antenna is disconnected or damaged. <ul style="list-style-type: none"> • Make sure the antenna is properly connected to the SiriusXM Connect Vehicle Tuner.
No signal	SiriusXM broadcasts unreceivable because of poor receiving conditions. <ul style="list-style-type: none"> • Move to an area where SiriusXM broadcasts can be received well.
Channel unsubscribed	The channel you have selected is not part of your subscription plan. <ul style="list-style-type: none"> • Call SiriusXM Listener Care to subscribe. 1-800-967-2346
Channel unavailable	The requested channel is not valid. <ul style="list-style-type: none"> • Visit www.siriusxm.com to see the list of channels available.









Error Display Messages

Display	Possible Solution
Radio	
	No operation by some cause. <ul style="list-style-type: none"> • Switch the power or ACC ON/OFF. If this does not solve the problem or the unit is still out of order, consult your dealer or an authorized Panasonic Servicenter to ask for repairs.
Disc Player	
	(The disc is ejected automatically.) The disc is dirty or upside down. <ul style="list-style-type: none"> • Check the disc.
	(The disc is ejected automatically.) The disc has scratches. <ul style="list-style-type: none"> • Check the disc.
	No operation by some cause <ul style="list-style-type: none"> • If normal operation is not restored, consult your dealer or an authorized Panasonic Servicenter to ask for repairs.
	Cannot read the file <ul style="list-style-type: none"> • Check the disc.
	The WMA file can be copyrighted. <ul style="list-style-type: none"> • The file protected by copyright is not playable.

Troubleshooting (continued)

English

Error Display Messages

Display	Possible Solution
USB (MP3/WMA)	
	<p>A USB device is not connected or the connected device cannot be recognized.</p> <ul style="list-style-type: none"> ● Use a USB memory that is suitable for this unit.
	<p>No playable files exist. An unsupported USB device is connected.</p> <ul style="list-style-type: none"> ● Use a USB memory that is suitable for this unit. ● Record files that can be played back on this unit onto the USB memory.
	<p>A USB device that exceeds the current capacity that can be supplied is connected. For some reason, an over-current was detected.</p> <ul style="list-style-type: none"> ● Use a USB memory that has a consumption current of less than 1 A. ● Switch the Source, and select the USB (MP3/WMA) mode again. ● Switch the power off/on, and select the USB (MP3/WMA) mode again. ● Check that the USB connector section is not dirty, and that there is no foreign objects.
	<p>No operation by some cause</p> <ul style="list-style-type: none"> ● Switch the power on or set ACC to ON. If this does not solve the problem, unplug the power cord and plug it in again (➔ Installation Instructions). In case the unit is still out of order, consult your dealer or an authorized Panasonic Servicenter.
 <p>(After 5 seconds) ➔ To next file automatically</p>	<p>The player cannot read the file you are trying to play for some reason. (File recorded in an unsupported file system, compression scheme, data format, file name extension, damaged data, etc.)</p> <ul style="list-style-type: none"> ● Confirm that the USB extension cable is firmly connected, and reconnect if not. Select a file that the player can read. Check the type of data stored in the USB memory. Format the USB memory if necessary.
 <p>(After 5 seconds) ➔ To next file automatically</p>	<p>The WMA file can be copyrighted.</p> <ul style="list-style-type: none"> ● The file protected by copyright is not playable.
For use with iPod	
	<p>The iPod is not recognized correctly.</p> <ul style="list-style-type: none"> ● Some time could be taken for the iPod to be recognized. ● Check the connection. ● Reset the iPod, and then connect it again.
	<p>Your iPod has no playable music.</p> <ul style="list-style-type: none"> ● Download playable music to your iPod.

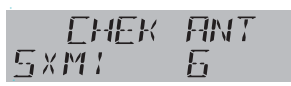


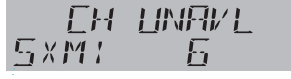
Error Display Messages

Display	Possible Solution
Bluetooth®	
B/T-SRC 1 MODULE ERR	The Bluetooth® module for some reason cannot function. <ul style="list-style-type: none"> • Switch the power or ACC ON/OFF. In case the unit is still out of order, consult your dealership.
B/T-SRC 1 COMM. ERROR	Bluetooth® communication error (Module and System) <ul style="list-style-type: none"> • Switch the power or ACC ON/OFF. In case the unit is still out of order, consult your dealership.
B/T-SRC 1 PINCODE ERR	The pairing fails because of mismatched PIN code. <ul style="list-style-type: none"> • Match the PIN code between this unit and the Bluetooth® device.
B/T-SRC 1 TIME OUT	The pairing is not successfully completed within 1 minute. <ul style="list-style-type: none"> • Complete pairing with the Bluetooth® device within 1 minute.
B/T-SRC 1 PAIR FAILED	Pairing with the Bluetooth® device fails for some reason. <ul style="list-style-type: none"> • Check to see whether the Bluetooth® device operates properly.
B/T-SRC 1 CONN FAILED	Connection with the Bluetooth® device fails for some reason. <ul style="list-style-type: none"> • Check to see whether the Bluetooth® device operates properly.
SiriusXM Satellite Radio Control	
SXM-SRC CHECK TUNER	SiriusXM Connect Vehicle Tuner is not connected. <ul style="list-style-type: none"> • Make sure the SiriusXM Connect Vehicle Tuner cable is securely connected to the back of the radio.
SXM-SRC SUBSCRIPTN ↓ SXM-SRC UPDATED-- ↓ SXM-SRC "SEL" TO ↓ SXM-SRC CONTINUE ↓ (Return to "SUBSCRIPTN")	The subscription information was updated. <ul style="list-style-type: none"> • Press [SEL] to return to the previous screen.

Troubleshooting (continued)

English

Error Display Messages

Display	Possible Solution
SiriusXM Satellite Radio Control	
	SiriusXM Antenna is disconnected or damaged. <ul style="list-style-type: none"> • Make sure the antenna is properly connected to the SiriusXM Connect Vehicle Tuner.
	SiriusXM broadcasts unreceivable because of poor receiving conditions. <ul style="list-style-type: none"> • Move to an area where SiriusXM broadcasts can be received well.
	The channel you have selected is not part of your subscription plan. <ul style="list-style-type: none"> • Call SiriusXM Listener Care to subscribe. 1-800-967-2346
	The requested channel is not valid. <ul style="list-style-type: none"> • Visit www.siriusxm.com to see the list of channels available.

Maintenance/Fuse

Cleaning the Unit

Your product is designed and manufactured to ensure the minimum of maintenance. Use a dry, soft cloth for routine exterior cleaning. Never use benzene, thinner, or other solvents.



Fuse

If the fuse blows out, consult your dealer or an authorized Panasonic Servicenter.

Warning

Use fuses of the same specified rating (**15 A**). Using substitutes or fuses with higher ratings, or connecting the unit directly without a fuse could cause fire or damage to the unit. **If the replaced fuse fails, consult your dealer or an authorized Panasonic Servicenter.**

Specifications

General

Power supply:	12 V DC (11 V – 16 V) test voltage 14.4 V, Negative ground
Current consumption:	Less than 2.5 A (CD mode, 0.5 W x 4-Speaker)
Maximum power output:	50 W x 4 (at 1 kHz), Volume control maximum
Power output:	18 W x 4 (1 kHz, 1 %, 4 Ω)
Tone/SQ adjustment range:	SQ Low/Bass: ± 12 dB (at 60 Hz, 80 Hz, 100 Hz, 200 Hz) SQ Mid: ± 12 dB (at 500 Hz, 1 kHz, 2 kHz, 3 kHz) SQ High/Treble: ± 12 dB (at 10 kHz, 12 kHz, 15 kHz, 18 kHz)
Speaker impedance:	4 – 8 Ω
Pre-amp output voltage:	5.0 V (CD mode, 1 kHz, 0 dB)
Pre-amp output impedance:	200 Ω
Dimensions (W x H x D):	178 mm x 50 mm x 158 mm {7" x 1 15/16" x 6 1/4"}
Weight:	1.3 kg {2 lbs. 14 oz}
USB connector	
USB standard compatibility:	1.1/2.0 full speed
File system:	FAT12/16/32
Maximum supply current:	1 A
Playable audio format:	MP3/WMA
Recommended capacity:	Less than 32 GB (1 partition)
Front AUX input	
Input impedance:	10 kΩ
Maximum input level:	2.0 V
Connector:	3.5 mm ø Stereo mini pin
Input sensitivity:	200 mVrms

FM radio

Frequency range:	87.9 MHz – 107.9 MHz
Usable sensitivity:	10.2 dBf (0.9 μV, 75 Ω)
50 dB quieting sensitivity:	15.2 dBf (1.6 μV, 75 Ω)
Frequency response:	30 Hz – 15 kHz (±3 dB)
Alternate channel selectivity:	75 dB
Stereo separation:	35 dB (at 1 kHz)
Image rejection ratio:	55 dB
IF rejection ratio:	100 dB
Signal to noise ratio:	62 dB

AM radio

Frequency range:	530 kHz – 1 710 kHz
Usable sensitivity:	27 dB/μV (22 μV, S/N 20 dB)

CD player

Sampling frequency:	8 times oversampling
DA converter:	1 bit DAC System
Pick-up type:	Astigma 3-beam
Light source:	Semiconductor laser
Wavelength:	790 nm
Frequency response:	20 Hz – 20 kHz (±1 dB)
Signal to noise ratio:	96 dB
Total harmonic distortion:	0.01 % (1 kHz)
Wow and flutter:	Below measurable limits
Channel separation:	75 dB

Bluetooth®

Communication	
Frequency:	2 402 MHz – 2 480 MHz
Number of Channels:	79 Channels
Communication Mode:	Frequency Hopped Spread Spectrum Communication
RF Output:	2.56 dBm (0.8 mW)
Service Area:	Within 10 m
Applicable Bluetooth®	
Version:	Version 2.1 + EDR

Bluetooth QD ID B016993.

Notes:

- Specifications and design are subject to modification without notice due to improvements.
- Some figures and illustrations in this manual may be different from your product.

Above specifications comply with EIA standards.

Power Output:
16 W RMS x 4 Channels at 4 Ω and
≤ 1% THD+N
Signal to Noise Ratio:
85 dBA (reference: 1 W into 4 Ω)



Appendix

English

CQ-RXBT490U Bluetooth® Device Compatibility List

Remark in list:

- : Supported.
- △ : NOT Supported by Bluetooth® device.
- * : Need to verified.
- OPP : Phonebook download via Object Push Profile.

Note: Devices no listed have not yet been tested. Please consult your local dealer to verify compatibility of your device.

Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book
Apple	iPhone	○	○	○	*
Apple	iPhone 3G 8G	○	○	○	○
Apple	iPhone 3GS 16G	○	○	○	○
Apple	iPhone 4	○	○	○	○
Apple	iPad 2	△	○	○	△
ASUS	V80	○	△	△	○
BENQ	CF61	○	△	△	*
BENQ	CL71	○	△	△	*
BENQ	M315	○	△	△	*
BENQ	M580	○	△	△	*
BENQ-Simens	EL71	○	△	△	○
BENQ-Simens	S68	○	△	△	○
BIRD	D600	○	*	*	*
Blackberry	7290	○	*	*	*
Blackberry	Pearl 8100	○	○	○	○
Blackberry	Pearl 8110	○	○	○	○
Blackberry	Pearl 8120	○	○	○	○
Blackberry	Curve 8300	○	○	○	○
Blackberry	Curve 8310	○	○	○	○
Blackberry	Curve 8320	○	○	○	○
Blackberry	8820	○	○	○	○
Blackberry	8830	○	○	○	○
Blackberry	Bold 9000	○	○	○	○
Blackberry	Bold 9500	○	○	○	○
Dopod	828	○	*	*	*
Dopod	900	○	*	*	*
Dopod	CHT 9000	○	○	○	*
Dopod	CHT 9100	○	○	○	*
Dopod	Magic (HTC Magic)	○	○	○	○
Dopod	P800 (HTC P3300)	○	○	○	○
Dopod	P800w (HTC P3300)	○	○	○	○
Dopod	S1	○	○	○	○
Dopod	S300	○	*	*	*
Dopod	S600 (HTC P5500)	○	○	○	○
Dopod	S900(Touch Diamond)	○	○	○	○
Emobile Emonster Lite	S12HT	○	○	○	○
ETEN	M600+	○	*	*	*
Google	Nexus One	○	○	○	○
Garmin asus	G60	○	○	○	○

Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book	Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book
Hewlett-Packard	iPAQ 6510 (HTC Beetles)	○	○	○	*	LG	HB620T	○	○	○	*
Hewlett-Packard	iPAQ 6515 (HTC Beetles)	○	○	○	*	LG	KB620	○	○	○	*
HTC	A61XX (HTC Magic)	○	○	○	○	LG	KC550	○	○	○	○
HTC	Desire	○	○	○	○	LG	KE770	○	○	○	○
HTC	Desire S	○	○	○	○	LG	KE820	○	○	○	△
HTC	Desire HD	○	○	○	○	LG	KE970	○	○	○	○
HTC	Legend (HTC A6363)	○	○	○	○	LG	KF510	○	○	○	○
HTC	HD2	○	○	○	○	LG	KF510c	○	○	○	○
HTC	P3300 (Artemis (Cruiser))	○	○	○	○	LG	KF510d	○	○	○	○
HTC	P3301 (HTC P3300)	○	○	○	○	LG	KF750	○	○	○	OPP
HTC	P3450 (ELF)	○	○	○	○	LG	KG320	○	△	△	*
HTC	P3700 (c (Victor))	○	○	○	○	LG	KG800	○	△	△	*
HTC	P3701 (HTC P3700)	○	○	○	○	LG	KP500	○	○	○	△
HTC	P3702 (HTC P3700)	○	○	○	○	LG	KP500N	○	○	○	△
HTC	P4000 (Titan)	○	○	○	○	LG	KP505	○	○	○	△
HTC	P5500 (NIKI)	○	○	○	○	LG	KP570	○	○	○	△
HTC	P5520 (HTC P5500)	○	○	○	○	LG	KU380	○	△	△	*
HTC	Sensation (Z710e)	○	○	○	○	LG	KU970	○	○	○	*
HTC	Ted Baker Needle (HTC P3450)	○	○	○	○	LG	KU990R	○	○	○	OPP
HTC	Touch (HTC P3450)	○	○	○	○	LG	KU990	○	○	○	OPP
HTC	Touch Diamond P3702 (HTC P3700)	○	○	○	○	LG	L-07C	○	○	○	○
HTC	Touch Diamond P3702	○	○	○	○	LG	LX570 Muziq	○	*		*
HTC	Touch Diamond (White)	○	○	○	○	LG	M6100	○	△	△	*
HTC	Touch Dual (HTC)	○	○	○	○	LG	P7200	○	△	△	*
HTC	Magic (Sapphire)	○	○	○	○	LG	P970	○	○	○	○
HTC	Wildfire (HTC P3333)	○	○	○	○	LG	P970G	○	○	○	○
LG	C3380	○	△	△	*	LG	P970H	○	○	○	○
LG	CE110	○	△	△	*	LG	P990 (Optimus 2X)	○	○	○	○
LG	CU515	○	○	○	*	LG	VX8800 Venus	○	○	○	○
LG	CU575 Trax	○	○	○	*	Motorola	A780	○	△	△	*
LG	F2500	○	*	*	*	Motorola	A1200	○	○	○	*
LG	GM630	○	○	○	*	Motorola	A1210	○	△	△	*
LG	HB620	○	○	○	*	Motorola	A1800 (Greatwall) (Ming 1800)	○	○	○	*
						Motorola	E1070	○	○	○	*
						Motorola	E398	○	△	△	○
						Motorola	E6 (ROKR E6)	○	○	○	*
						Motorola	E680i	○	○	○	○
						Motorola	K1	○	○	○	○
						Motorola	K1m (KRZR K1m)	○	△	△	○
						Motorola	K3	○	○	○	○
						Motorola	L6	○	△	△	○
						Motorola	MB502	○	○	○	○
						Motorola	MB508	○	○	○	○
						Motorola	MB511 (Flipout)	○	○	○	○
						Motorola	MB520	○	○	○	○
						Motorola	MB525 (Defy)	○	○	○	○

Appendix (continued)

English

Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book	Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book
Motorola	MPX 220	○	△	△	OPP	Nokia	5330	○	○	○	○
Motorola	Milestone 2	○	○	○	○	Nokia	5320 XpressMusic	○	○	○	○
Motorola	Q	○	○	○	○	Nokia	5610d-1 (5610 XpressMusic)	○	○	○	○
Motorola	Q700 Zante	○	△	△	○	Nokia	5630	○	○	○	○
Motorola	Q 9c	○	○	○	○	Nokia	5700 XpressMusic	○	○	○	○
Motorola	Q 9m	○	○	○	○	Nokia	5800 XpressMusic	○	○	○	○
Motorola	XT701	○	○	○	○	Nokia	5800d-1	○	○	○	○
Motorola	U9	○	○	○	○	Nokia	5800d-1b	○	○	○	○
Motorola	V1100 (Maxx V1100)	○	○	○	○	Nokia	6085	○	○	○	○
Motorola	V360	○	△	△	○	Nokia	6086	○	*	*	○
Motorola	V361	○	△	△	○	Nokia	6103	○	△	△	*
Motorola	V3i	○	△	△	○	Nokia	6110 Navigator	○	○	○	○
Motorola	V3x	○	○	○	○	Nokia	6111	○	△	△	○
Motorola	V3xx (Maxx V3)	○	○	○	○	Nokia	6120c (6120 classic)	○	○	○	○
Motorola	V501	○	*	*	*	Nokia	6125	○	△	△	○
Motorola	V6 (Maxx V6)	○	○	○	○	Nokia	6131	○	○	○	○
Motorola	V600i	○	△	△	○	Nokia	6151	○	△	△	○
Motorola	V635	○	△	△	○	Nokia	6120c-1	○	○	○	○
Motorola	V750	○	○	○	○	Nokia	6124c (6124 classic)	○	○	○	○
Motorola	V8	○	○	○	○	Nokia	6210s (6210 Navigator)	○	○	○	○
Motorola	V80	○	△	△	○	Nokia	6220c	○	○	○	○
Motorola	V9	○	○	○	○	Nokia	6223	○	*	*	○
Motorola	W510	○	○	○	○	Nokia	6230	○	△	△	*
Motorola	W755	○	○	○	○	Nokia	6230i	○	△	△	○
Motorola	Z6m (ROKR Z6m)	○	○	○	○	Nokia	6233	○	○	○	○
Motorola	Z8 (RIZR Z8)	○	○	○	*	Nokia	6260	○	△	△	○
Motorola	ZN200	○	○	○	OPP	Nokia	6280	○	○	○	○
NEC	N500is	○	△	△	*	Nokia	6300	○	○	○	○
Nokia	2600c-2	○	△	△	○	Nokia	6300i	○	○	○	○
Nokia	2660	○	△	△	○	Nokia	6310	○	△	△	○
Nokia	2630	○	○	○	*	Nokia	6310i	○	△	△	○
Nokia	2710c	○	○	○	○	Nokia	6500c (6500 classic)	○	○	○	○
Nokia	2760	○	○	○	○	Nokia	6500 slide	○	○	○	○
Nokia	3110c	○	○	○	○	Nokia	6600	○	△	△	*
Nokia	3120c-1c	○	○	○	○	Nokia	6600f-1 (6600 fold)	○	○	○	○
Nokia	3250	○	△	△	*	Nokia	6600 slide	○	○	○	○
Nokia	3500c	○	○	○	○	Nokia	6630	○	△	△	*
Nokia	3600s	○	○	○	○	Nokia	6670	○	△	△	*
Nokia	3650	○	△	△	*	Nokia	6680	○	△	△	*
Nokia	5200	○	○	○	○	Nokia	6700s	○	○	○	○
Nokia	5220 XpressMusic	○	○	○	○	Nokia	6702s	○	○	○	○
Nokia	5228	○	○	○	○	Nokia	6820	○	*	*	*
Nokia	5230	○	○	○	○	Nokia	7100s	○	○	○	○
Nokia	5232	○	○	○	○	Nokia	7210c	○	○	○	○
Nokia	5236	○	○	○	○	Nokia	7230	○	○	○	○
Nokia	5238	○	○	○	○						
Nokia	5250	○	○	○	○						
Nokia	5300	○	○	○	○						
Nokia	5310 XpressMusic	○	○	○	○						

Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book	Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book
Nokia	7280	○	△	△	○	O2	Xda Diamond (HTC P3700)	○	○	○	○
Nokia	7310c (7310 Supernova)	○	○	○	○		Xda Diamond Pro (HTC P4600)	○	○	○	○
Nokia	7370	○	△	△	○	O2	Xda Ignito (HTC P3700)	○	○	○	○
Nokia	7390	○	○	○	○	O2	Xda Orbit (HTC P3300)	○	○	○	○
Nokia	7600	○	△	△	*	O2	Xda Star	○	○	○	○
Nokia	7610	○	△	△	*	O2	Xda Zinc	○	○	○	○
Nokia	8910i	○	△	△	○	OKWAP	A232	○	△	△	*
Nokia	9300	○	△	△	*	Orange	HTC Touch Dual (HTC P5500)	○	○	○	○
Nokia	C2-01	○	○	○	○	Orange	HTC Touch Diamond	○	○	○	○
Nokia	C5-00	○	○	○	○	Orange	HTC Touch P3450 (HTC)	○	○	○	○
Nokia	C5-03	○	○	○	○	Orange	SPV M650 (HTC P3300)	○	○	○	○
Nokia	C6-00	○	○	○	○	PalmOne	Treo 680	○	○	○	*
Nokia	C6-01	○	○	○	○	Palm	Treo 700w	○	○	○	*
Nokia	C6-01.3	○	○	○	○	Palm	Treo 700wx	○	○	○	*
Nokia	C7-00	○	○	○	○	Pantech	C150	○	*	*	*
Nokia	E52-2	○	○	○	○	Pantech	C810 Duo	○	○	○	*
Nokia	E6-00	○	○	○	○	Panasonic	VS6	○	△	△	○
Nokia	E61-1	○	△	△	○	Panasonic	X70	○	△	△	*
Nokia	E63	○	○	○	○	Panasonic	X700	○	*	*	*
Nokia	E65-1	○	△	△	*	Panasonic	X800	○	△	△	*
Nokia	E66-1	○	○	○	○	PHILIPS	768	○	△	△	○
Nokia	E7-00	○	○	○	○	PHILIPS	X710	○	○	○	○
Nokia	E70-1	○	△	△	○	Samsung	Galaxy Tab	○	○	○	○
Nokia	E71-1	○	○	○	○	Samsung	SGH-D500	○	△	△	OPP
Nokia	E72	○	○	○	○	Samsung	SGH-D508	○	△	△	OPP
Nokia	N70-1	○	△	△	○	Samsung	SGH-D528	○	*	*	○
Nokia	N71	NG	△	△	*	Samsung	SGH-D600	○	○	○	*
Nokia	N73-1	○	△	△	○	Samsung	SGH-D608	○	○	○	*
Nokia	N76	○	○	○	○	Samsung	SGH-D808	○	*	*	*
Nokia	N78	○	○	○	○	Samsung	SGH-D838	○	*	*	*
Nokia	N79	○	○	○	○	Samsung	SGH-D900i	○	○	○	○
Nokia	N8-00	○	○	○	○	Samsung	SGH-D908i	○	○	○	○
Nokia	N80	○	△	△	*	Samsung	SGH-E250	○	○	○	○
Nokia	N81	○	○	○	○	Samsung	SGH-E258	○	○	○	○
Nokia	N82	○	○	○	○	Samsung	SGH-E378	○	*	*	*
Nokia	N900	○	○	○	○	Samsung	SGH-E568	○	*	*	○
Nokia	N90-1	○	△	△	*	Samsung	SGH-E628	○	*	*	○
Nokia	N91-1	○	△	△	○	Samsung	SGH-E738	○	△	△	*
Nokia	N95-1	○	○	○	○	Samsung	SGH-E898	○	○	○	○
Nokia	N95-2 (8G)	○	○	○	○	Samsung	SGH-E908	○	*	*	○
Nokia	N96	○	○	○	○	Samsung	SGH-E950	○	○	○	○
Nokia	N97	○	○	○	○	Samsung	SGH-E958	○	○	○	○
Nokia	X3-00	○	○	○	○	Samsung	SGH-F250	○	○	○	○
Nokia	X5-01	○	○	○	○	Samsung	SGH-F250L	○	○	○	○
Nokia	X6-00	○	○	○	○	Samsung	SGH-F258 (SGH-F250)	○	○	○	○
Nokia	X7-00	○	○	○	○						
NTT DoCoMo	PRO series HT-03A (HTC Magic)	○	○	○	○						
O2	Nova (HTC P3450)	○	○	○	○						
O2	Xda Atom (Quanta Atom)	○	○	○	*						

Appendix (continued)

English

Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book	Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book
Samsung	SGH-F308	○	○	○	○	SANYO	M1	○	○	○	○
Samsung	SGH-F480	○	○	○	○	SANYO	SCP-8400	○	△	△	○
Samsung	SGH-F480T	○	○	○	○	SFR	HTC Touch Dual (HTC P5500)	○	○	○	○
Samsung	SGH-F480V	○	○	○	○	Sharp	703H (SX313) (WX-T71)	○	△	△	○
Samsung	SGH-F488	○	○	○	○	Sharp	903H (SX833) (WX-T91)	○	△	△	○
Samsung	SGH-F490	○	○	○	○	Sharp	GX-T15	○	△	△	*
Samsung	SGH-F490V	○	○	○	○	Sharp	GX-T17	○	△	△	*
Samsung	SGH-G800	○	○	○	*	Siemens	CX75	○	△	△	○
Samsung	SGH-G810	○	○	○	○	Siemens	S55	○	△	△	○
Samsung	SGH-i608	○	○	○	*	Siemens	S65	○	△	△	○
Samsung	SGH-i900 OMNIA	○	○	○	○	Siemens	SK65	○	△	△	○
Samsung	SGH-J206	○	*	*	○	Siemens	SX1	○	△	△	*
Samsung	SGH-J608	○	△	△	○	Sony Ericsson	C702x	○	○	○	○
Samsung	SGH-J630	○	○	○	○	Sony Ericsson	C902x	○	○	○	○
Samsung	SGH-J638	○	○	○	○	Sony Ericsson	C905	○	○	○	○
Samsung	SGH-J700	○	○	○	○	Sony Ericsson	F305	○	○	○	○
Samsung	SGH-J700L	○	○	○	○	Sony Ericsson	G700	○	○	○	○
Samsung	SGH-J700V	○	○	○	○	Sony Ericsson	G900	○	○	○	○
Samsung	SGH-J706	○	○	○	○	Sony Ericsson	K330x	○	△	△	○
Samsung	SGH-J708	○	○	○	○	Sony Ericsson	K510x	○	△	△	○
Samsung	SGH-L760	○	○	○	○	Sony Ericsson	K530x	○	○	○	○
Samsung	SGH-L760V	○	○	○	○	Sony Ericsson	K550x	○	○	○	○
Samsung	SGH-L768	○	○	○	○	Sony Ericsson	K600i	○	△	△	○
Samsung	SGH-L870	○	○	○	○	Sony Ericsson	K608i	○	△	△	○
Samsung	SGH-P858	○	○	○	*	Sony Ericsson	K610im	○	○	○	○
Samsung	SGH-T409	○	△	△	*	Sony Ericsson	K660i	○	○	○	○
Samsung	SGH-T539 Beat	○	○	○	○	Sony Ericsson	K700i	○	△	△	○
Samsung	SGH-T629	○	△	△	○	Sony Ericsson	K750c	○	△	△	○
Samsung	SGH-U700	○	○	○	○	Sony Ericsson	K750i	○	△	△	○
Samsung	SGH-U700V	○	○	○	○	Sony Ericsson	K770x	○	○	○	○
Samsung	SGH-U708	○	○	○	○	Sony Ericsson	K800x	○	○	○	○
Samsung	SGH-U800	○	○	○	○	Sony Ericsson	K810x	○	○	○	○
Samsung	SGH-U808	○	○	○	○	Sony Ericsson	K850i	○	○	○	○
Samsung	SGH-U900	○	○	○	○	Sony Ericsson	M600x	○	○	○	○
Samsung	SGH-U900L	○	○	○	○	Sony Ericsson	P1x	○	○	○	○
Samsung	SGH-U908E	○	○	○	○	Sony Ericsson	S312	○	○	○	○
Samsung	SGH-X808	○	*	*	*	Sony Ericsson	S500x	○	○	○	○
Samsung	SGH-Z238	○	*	*	*	Sony Ericsson	T280x	○	△	△	○
Samsung	SGH-Z248	○	*	*	*	Sony Ericsson	T303x	○	△	△	○
Samsung	SPH-M520	○	○	○	○	Sony Ericsson	T610	○	△	△	○
Samsung	GT-C3050C	○	○	○	○	Sony Ericsson	T630	○	△	△	○
Samsung	GT-i5800	○	○	○	○	Sony Ericsson	T650x	○	○	○	○
Samsung	GT-i5800L	○	○	○	○	Sony Ericsson	T68i	○	△	△	○
Samsung	GT-i5801 (Galaxy 580)	○	○	○	○	Sony Ericsson	T707	○	○	○	○
Samsung	GT-i9000	○	○	○	○	Sony Ericsson	W205	○	△	△	○
Samsung	GT-S3650	○	○	○	○	Sony Ericsson	W300x	○	△	△	○
Samsung	GT-S3650C	○	○	○	○	Sony Ericsson	W350x	○	○	○	○
Samsung	GT-S3653	○	○	○	○	Sony Ericsson	W380x	○	○	○	○
Samsung	GT-S5230	○	○	○	○	Sony Ericsson	W395	○	○	○	○
Samsung	GT-S5230C	○	○	○	○	Sony Ericsson	W508	○	○	○	○
SANYO	KATANA II	○	△	△	△	Sony Ericsson	W550x	○	△	△	○

Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book	Brand	Model	Hands-Free (Unit)	A2DP (Sink)	AVRCP (Controller)	Phone Book
Sony Ericsson	W580x	○	○	○	○	Vodafone	1210(VDA IV)	○	○	○	○
Sony Ericsson	W595	○	○	○	○						
Sony Ericsson	W660x	○	○	○	○	Vodafone	HTC Magic (HTC Magic)	○	○	○	○
Sony Ericsson	W700i	○	△	△	○						
Sony Ericsson	W710x	○	○	○	○						
Sony Ericsson	W760x	○	○	○	○	Vodafone	HTC Touch Diamond (HTC P3700)	○	○	○	○
Sony Ericsson	W800i	○	△	△	○						
Sony Ericsson	W810x	○	△	△	○	Vodafone	HTC Touch Dual (HTC P5500)	○	○	○	○
Sony Ericsson	W850x	○	○	○	○						
Sony Ericsson	W880x	○	○	○	○	Vodafone	VPA Touch (HTC P3450)	○	○	○	○
Sony Ericsson	W890i	○	○	○	○						
Sony Ericsson	W902	○	○	○	○						
Sony Ericsson	W910i	○	○	○	○						
Sony Ericsson	W950x	○	○	○	○						
Sony Ericsson	W980x	○	○	○	○						
Sony Ericsson	X10	○	△	○	○						
Sony Ericsson	Xperia Arc	○	○	○	○						
Sony Ericsson	Xperia Neo	○	○	○	○						
Sony Ericsson	Xperia Ray	○	○	○	○						
Sony Ericsson	Xperia Mini	○	○	○	○						
Sony Ericsson	Xperia Mini Pro	○	○	○	○						
Sony Ericsson	Z520i	○	△	△	○						
Sony Ericsson	Z550x	○	△	△	○						
Sony Ericsson	Z555x	○	○	○	○						
Sony Ericsson	Z558i	○	△	△	○						
Sony Ericsson	Z600	○	△	△	○						
Sony Ericsson	Z610x	○	○	○	○						
Sony Ericsson	Z710x	○	○	○	○						
Sony Ericsson	Z750i	○	○	○	○						
Sony Ericsson	Z800i	○	△	△	○						
Swisscom	HTC Touch Diamond	○	○	○	○						
Swisscom	HTC Touch Diamond (HTC P3700)	○	○	○	○						
T-Mobile	MDA Compact III (HTC P3300)	○	○	○	○						
T-Mobile	MDA Compact IV (HTC P3700)	○	○	○	○						
T-Mobile	Dash (HTC S620)	○	*	*	*						
T-Mobile	MDA Touch Plus (HTC P5500)	○	○	○	○						
T-Mobile	MDA Touch (HTC P3450)	○	○	○	○						
T-Mobile	MDA Vario IV (HTC Touch Pro)	○	○	○	○						
T-Mobile	myTouch3D (HTC Magic)	○	○	○	○						
Toshiba	TS30	○	*	*	○						
Toshiba	803	○	△	△	*						
Toshiba	809	○	△	△	*						

English



Handwriting practice area consisting of 25 horizontal dashed lines.

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