

Programmes After Market Services NHP-2 Series Transceivers

2. General Information

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Product Selection

Handportables

The NHP-2 phone is a CDMA tri-mode (DCT 4.0) engine incorporating IS-95B and IS-2000 features, with full 1XRTT data rate capacity. The transceiver consists of system/ RF module, keypad module, LCD module, and assembly parts. The user interface (UI) consists of normal number, talk, soft, and power keys in the keymat.

There are two antennas – external "whip" plus internal. There is no direct connection from the whip to the PWB. The signal is capacitively coupled over the air.

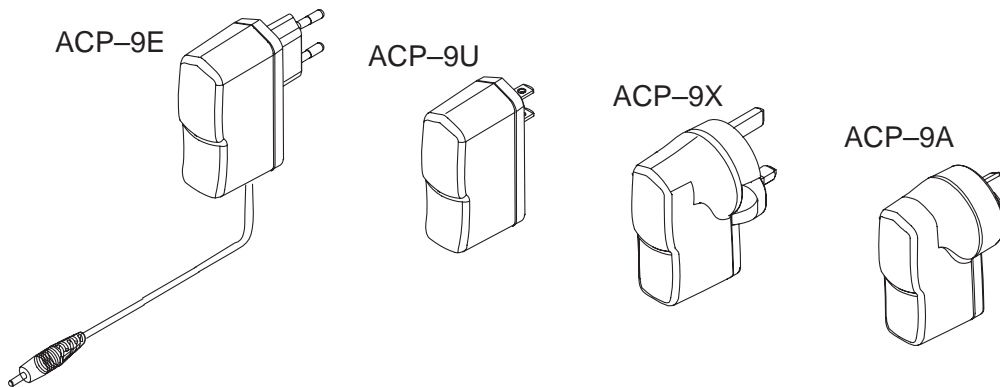
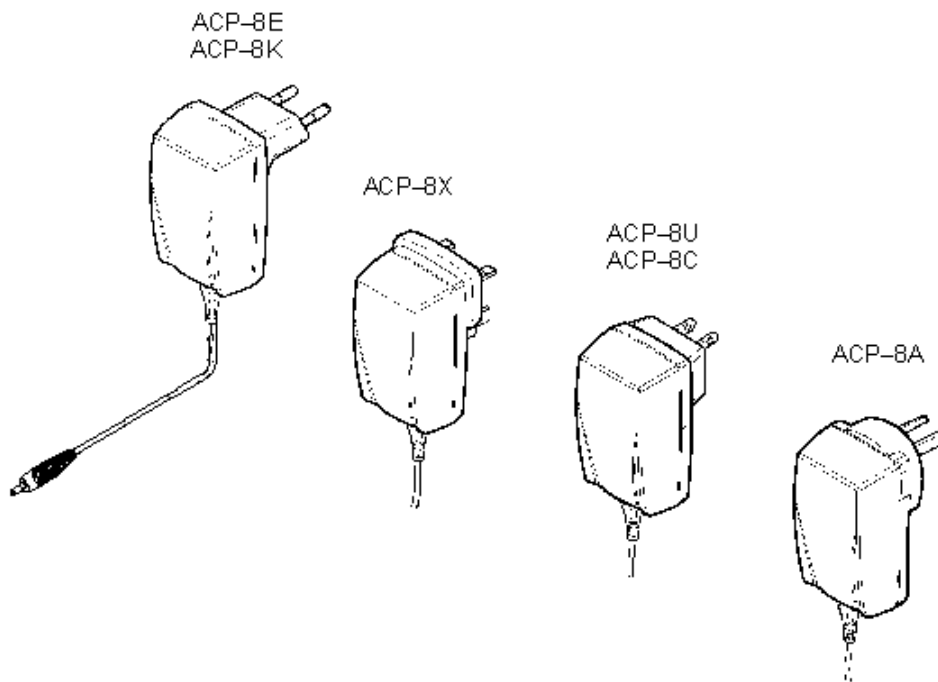
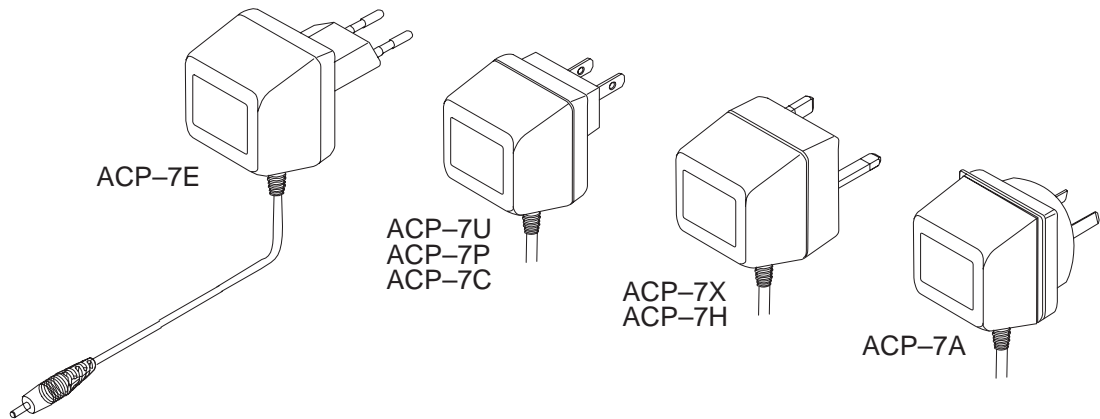
NHP-2 features include an internal vibra, a voice recognition algorithm, comprehensive data support (1XRTT, 14.4k circuit switched, and 14.4 packet data), and codecs..



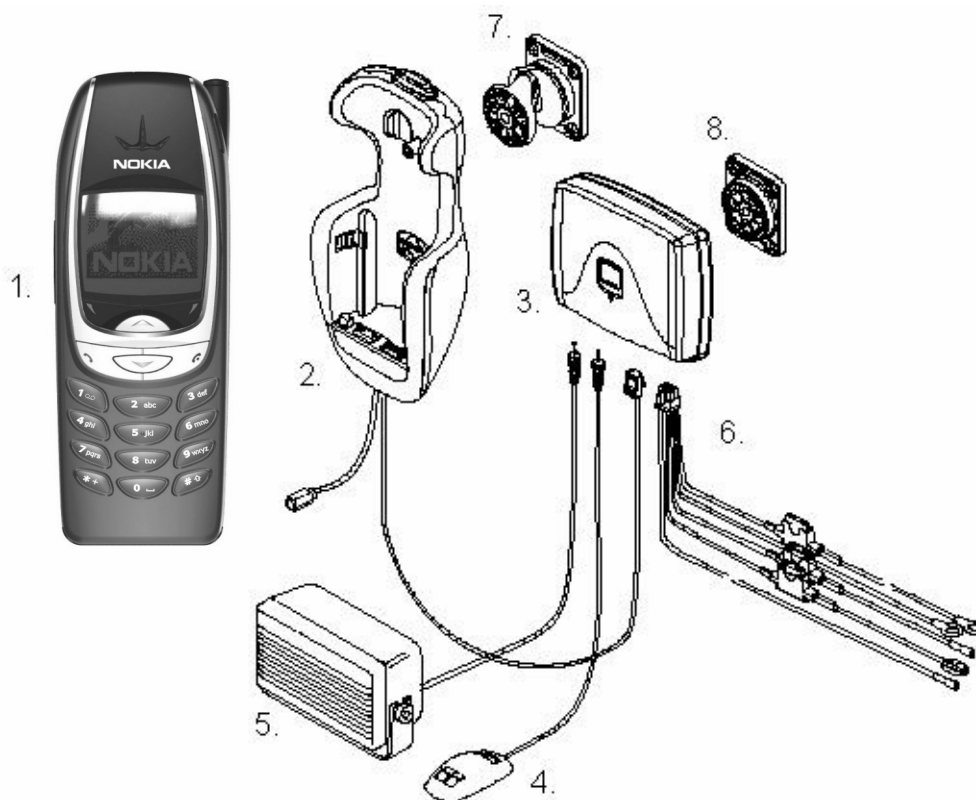
Name:	Type Code:	Material Code:
Transceiver	See Product Variants	
Battery (1000 mAh Li-Ion)	BLB-3	0670283
AC Travel Charger (US plug) 108-132 Vac	ACP-7U	0675143
AC Travel Charger (Euro plug) 207-253 Vac	ACP-7E	0675144
AC Travel Charger (US plug) 207-253 Vac	ACP-7P	0675147
AC Travel Charger (China plug) 198-242 Vac	ACP-7C	0675158
AC Travel Charger (UK plug) 207-253 Vac	ACP-7X	0675145
AC Travel Charger (UK plug) 180-220 Vac	ACP-7H	0675146
AC Travel Charger (Australia plug) 216-264 Vac	ACP-7A	0675148
Performance Travel Charger Euro plug 90-264 Vac	ACP-8E	0675195
Performance Travel Charger Korea plug 90-264 Vac	ACP-8K	0675199
Performance Travel Charger UK plug 90-264 Vac	ACP-8X	0675197
Performance Travel Charger US plug 90-264 Vac	ACP-8U	0675196
Performance Travel Charger China plug 90-264 Vac	ACP-8C	0675211
Performance Travel Charger Australia plug 90-264 Vac	ACP-8A	0675214
Fast Travel Charger (Euro plug) 90-264 Vac	ACP-9E	0675149
Fast Travel Charger (US plug) 90-264 Vac	ACP-9U	0675151
Fast Travel Charger (UK plug) 90-264 Vac	ACP-9X	0675150
Fast Travel Charger (Australia) 90-264 Vac	ACP-9A	0675152
Cigarette Lighter Charger	LCH-9	0675120

Desktop Option

The desktop options allows the user to charge the phone from the mains.



Advanced Car Installation (CARK-91) Options



Item	Name	Type Code	Material Code
1	Transceiver	(See Product Variants section)	
2	Mobile Holder	MCC-1	0620043
3	Handsfree Unit	HFU-2	0694049
4	Handsfree Microphone	HFM-8	0690016
5	Handsfree Speaker	HFS-12	0692008
6	Power Cable	PCH-4J	0730055
7	Swivel Mount	HHS-9	0620037
8	Mounting Plate	MKU-1	0620036

Advanced Handsfree Car Installation (CARK- 91H)

Item	Name	Type Code	Material Code
1	Transceiver	(See Product Variants section)	
2	Mobile Holder	MCC-1	0620043
3	Handsfree Unit	HFU-2	0694049
4	Handsfree Microphone	HFM-8	0690016
5	Handsfree Speaker	HFS-12	0692008
6	Power Cable	PCH-4J	0730055
7	Swivel Mount	HHS-9	0620037
8	Mounting Plate	MKU-1	0620036
	Extra handset	HSU-1	0081279

Product List

Unit/type:	Product code:
Transceiver NHP-2	See Product Variants
Li-Ion Battery BLB-3 1000 mAh	0670283
AC Travel Charger ACP-7U (US) 108-132 Vac	0675143
AC Travel Charger ACP-7E (Euro) 207-253 Vac	0675144
AC Travel Charger ACP-7P (US) 207-253 Vac	0675147
AC Travel Charger ACP-7C (China) 198-242 Vac	0675158
AC Travel Charger ACP-7X (UK) 207-253 Vac	0675145
AC Travel Charger ACP-7H (UK) 180-220 Vac	0675146
AC Travel Charger ACP-7A (Australia) 216-264 Vac	0675148
Performance Travel Charger ACP-8U (US) 90-264 Vac	0675196
Performance Travel Charger ACP-8E (Euro) 90-264 Vac	0675195
Performance Travel Charger ACP-8K (Korea) 90-264 Vac	0675199
Performance Travel Charger ACP-8X (UK) 90-264 Vac	0675197
Performance Travel Charger ACP-8C (China) 90-264 Vac	0675211
Performance Travel Charger ACP-8A (Australia) 90-264 Vac	0675214
Fast Travel Charger ACP-9U (US) 90-264 Vac	0675151
Fast Travel Charger ACP-9E (Euro) 90-264 Vac	0675149
Fast Travel Charger ACP-9X (UK) 90-264 Vac	0675150
Fast Travel Charger ACP-9A (Australia) 90-264 Vac	0675152
Battery Charging Stand DDC-1	0675243
Desktop stand DCH-8D	0675256
Desktop stand DCH-12K	0675228
Mounting Plate MKU-1	0620036
Swivel Mount HHS-9	0620037
Cigarette Lighter Charger LCH-9	0675120
Handsfree Microphone HFM-8	0690016
Headset HDE-1	0694076
Loopset LPS-1	0272233
Phone Adapter (TTY/Headset) HDA-8	0273333

Module List

Name of module	Type code:	Material code:	Notes
Basic transceiver (6370)	NHP-2	0507757	Basic TR and recess for logo plate
- System/RF module	LN-8	0202037	
- Mechanics assembly parts		0262588	Common parts for NHP-2
- A-cover assembly parts		9497218	
Continuous Sheet		9370588	DMP05971-EN
SW NHP-2 Label Settings		8409255	Cricket
SW NHP-2 Type/ESN Label		9370588	Cricket
CoLabel		9370831	Cricket

Technical Specifications

General Specifications of Transceiver NHP-2

Parameter	Specifications		
Cellular system	CDMA 1900	CDMA 800	AMPS 800
RX frequency band	1930-1960 MHz	869-894 MHz	869-894 MHz
TX frequency band	1850-1910 MHz	824-849 MHz	824-849 MHz
Number of RF channels	1150 voice channels	787 voice channels	831 voice channels
Channel spacing	50 kHz	30 kHz	30 kHz
Page frame class	PFC1		
Power levels	2 to 7 in analog mode (+8 dBm to +27.0 dBm) 2 to 10 in digital mode (-4 dBm to +27.5 dBm)		