Chapter 13

Accessories

AMENDMENT RECORD SHEET

Amendment Number	Date	Inserted By	Comments
	02/99		Original

CONTENTS

Units and Accessories

All RAE–2N accessories are non–serviceable.

Table 1. List of Units and Accessories

Name of unit or accessory	Type code	Notes
Battery	BLN–3	1030 mAh, Li–Ion
Performanace Travel Charger	ACP–9	
Headset	HDC–8	
Advanced Deskstop Stand	DCH–7	Includes synchronization button for PC connection
RS–232 Adapter Cable	DLR–2	
Carrying Case	CBR–4	
Memory Card	DTS–4	Removable memory card. MMC
Advanced HF Car Kit	CARK–99	
Privacy Handset	HSU–1	
Mobile Charger	LCH–9	
Upgrade HF Car Kit	CARK–102	

Headset HDC-8

Connect the HDC–8 to the bottom connector of phone, and it is ready to use. The push button at microphone part can be used for answering and ending the call.
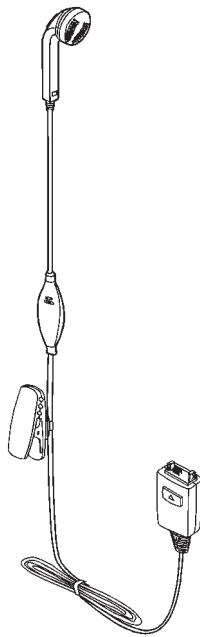
Figure 1.   HDC–8

Technical Summary

HDC–8 headset contains a microphone, a speaker, EMI–components and CONTROL button . Headset will be connected straight to the bottom connector of the phone.

Headset can be used also with the car kit.

List of Modules

Headset HDC–8

Desktop Charger DCH–7

Desktop charger DCH–7 is designed for the charging of the RAE–2 PDA and a spare battery.
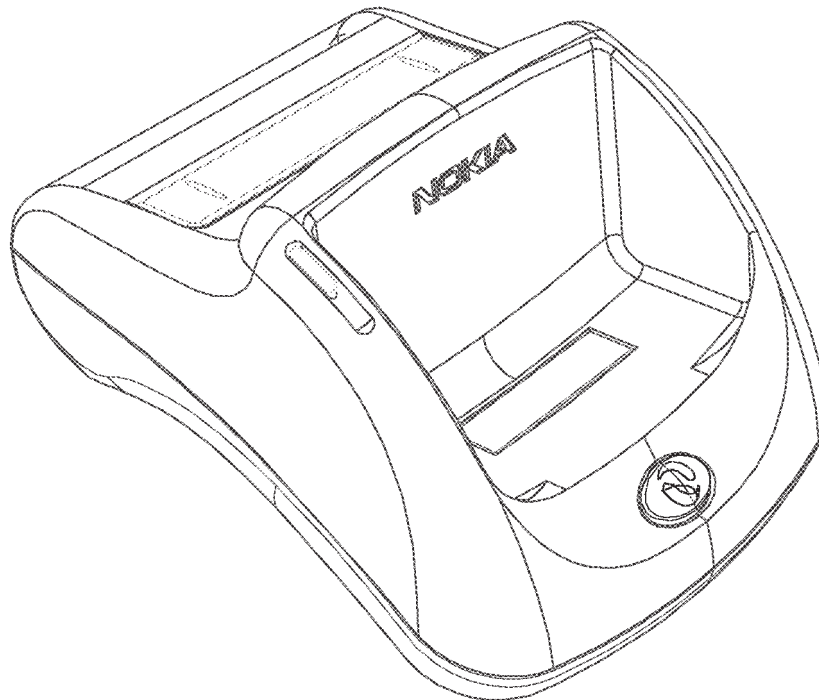

Figure 2.   DCH–7 Desk Stand

Technical Summary

The desktop charger DCH–7 is a two–slot stand designed to be placed on a desk–top. The front slot holds and charges the phone, and the rear slot holds and charges a spare battery.

The desk stand includes red and green LEDs to show the status of the spare battery charging in the rear slot.

The desk stand supports charging of 4.1V and 4.2V lithium–ion batteries.

The desk stand is powered by an external ACP–9A/E/U/X performance travel charger. When a RAE–2 is placed in the front slot it is charged at the same rate as if the external charger was connected directly to the phone. When a spare battery is placed in the rear slot, it is charged at a slower rate. Charging of the spare battery is delayed until the phone has finished charging.

The front slot provides data connection between the deskstand connected PC and the RAE–2. The host PC is connected by Nokia data cable to the

rear of the desk stand. The PC must have the Nokia "Share" software running for the data transfer to the PC to be successful.

Rear Connector View Desk Stand

The rear connector allows for the Nokia PC data cable to be connected to the Spock whilst in the desk stand. The cable is connected to the rear of the desk stand and the desk stand provides routing of the signals to the Spock phone.

The rear connector provides for connection of the charger to the desk stand.
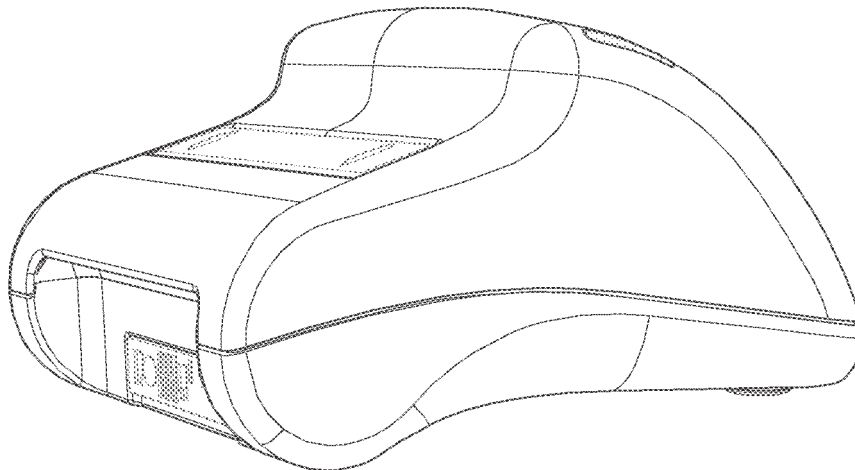

Figure 3.   DCH–7 Deskstand

The desk stand provides a convenient push button, called a "Share" button to initiated the phone to PC data synchronization. The data transfer from the phone to the PC is then achieved via the phone serial data link [Fbus]. The Nokia Data cable is required for connection of the desk stand to the PC.
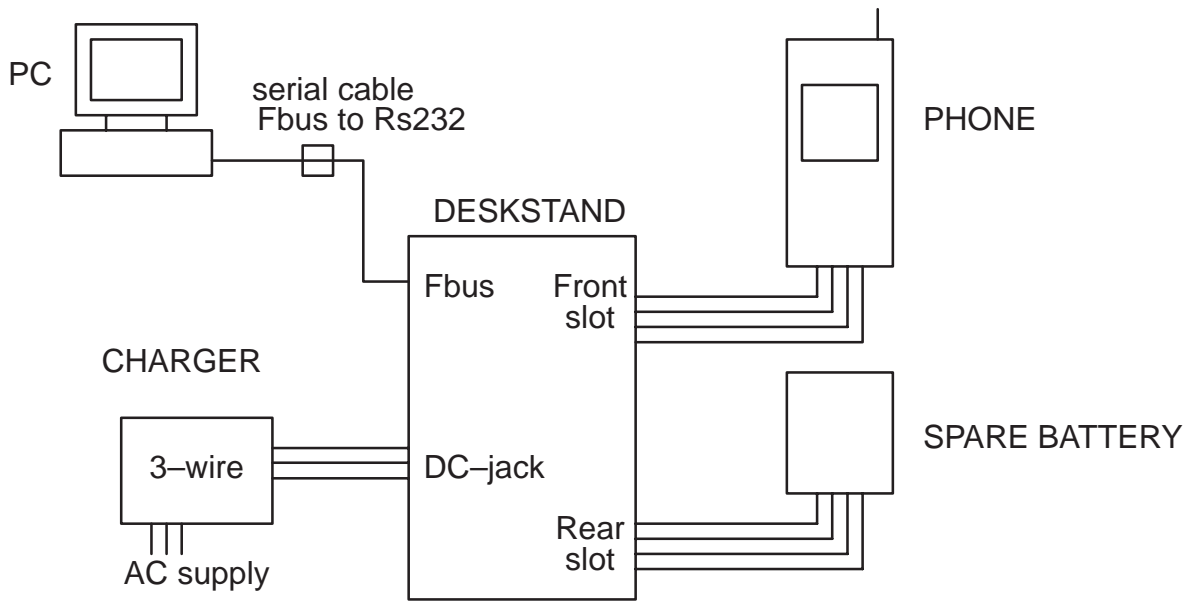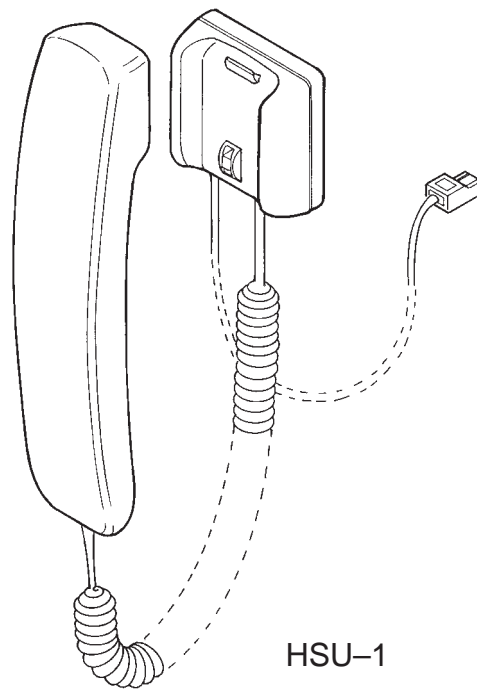
Interconnection Diagram

Figure 4.   Interconnection Diagram

Handset HSU–1

The main function of the HSU–1 Audio Handset is to form an electroacoustic interface between the user and the phone environment.

HSU–1

Technical Summary

The HSU–1 Audio Handset consists of handset with coil cord and of cradle. In the handset there is earphone and microphone with corresponding amplifiers. There is also a simply interface for controlling these functions. Electronics consist of DG–1 handset module. Mechanical dimensions are small and mechanics consists of A–cover, B– cover and coil cord with the cradle. The HSU–1 Audio Handset has a volume potentiometer.

Use of Handset

The HSU–1 Audio Handset is designed to be a dummy handset with no display and no keyboard. Its use is to form an electroacouistical connection between the user and DCT – environment. When not in use the handset is on the cradle. During the use the handset is lifted from the cradle and audio paths are opened.

Memory Card MMC DTS–4

The PDA includes a synchronous serial interface that is compatible with the Multimedia Card Bus (MMC) Protocol. The MMC is a changeable Flash or ROM memory card with variable memory size. The MMC connector is located on the BS8 Module..
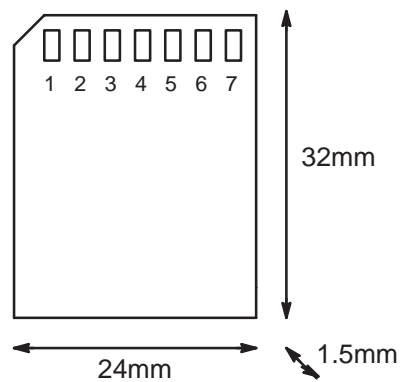
Figure 5.   DTS–4 Dimensions

Fast Travel Charger ACP–9

Operating within the voltage range 90 V...264 V AC (50 Hz...60 Hz), the Fast Travel Charger is practically current independent in normal office and house-hold use. Like the standard charger, it is compatible with all battery options and is available for different wall sockets.

The Fast Travel Charger can also be used with basic stand and desktop stand.

ACP–9E   ACP–9U   ACP–9X   ACP–9A
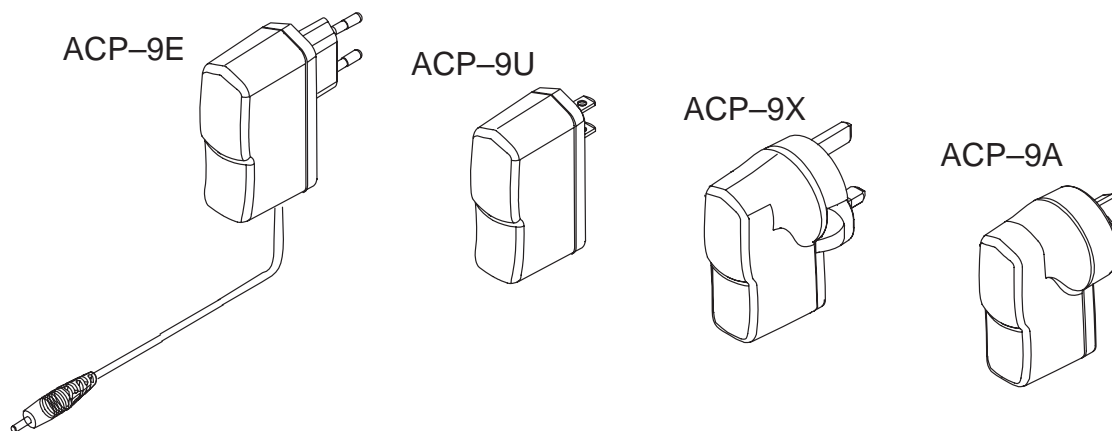
Product Codes

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

Output cable PCC–1 (supplied with ACP–9):   *0730076*

Specification

Output connectors: *3.5 mm DC plug, 3–pole (+, –, control)*

Protection: *output current limiting, max. 850 mA*
                       output voltage limiting, max. 9.3 V (unloaded)

Output voltage/current (typ):   *8.4 V / 800 mA*

RS232 Adapter Cable DLR−2 (073077)

Purpose	Connects an external computer with RAE−1N (via PAR−1) see below
Cable length	950mm ±25 mm (3 wire, ⊘3.5 mm)
D connector	D9 connector female
Stereo connector	Stereo plug (⊘2.5 mm) with ⊘3.5 mm strain relief
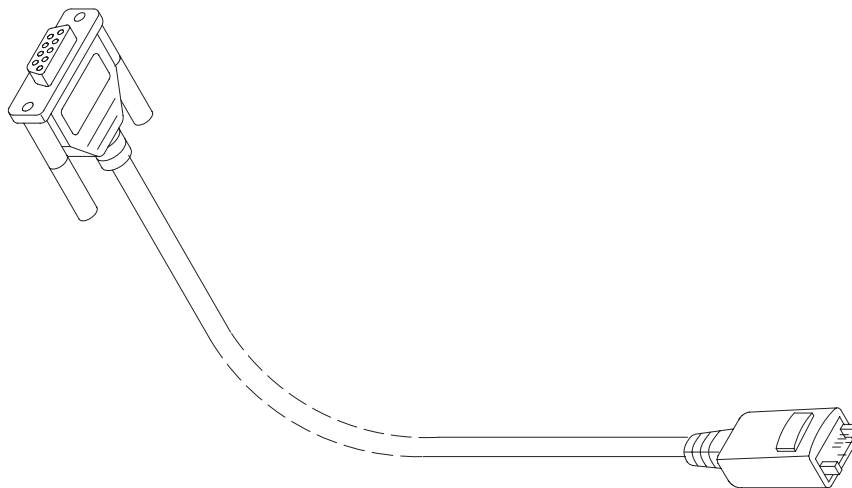
Cigarette Lighter Charger LCH–9 (0675005)
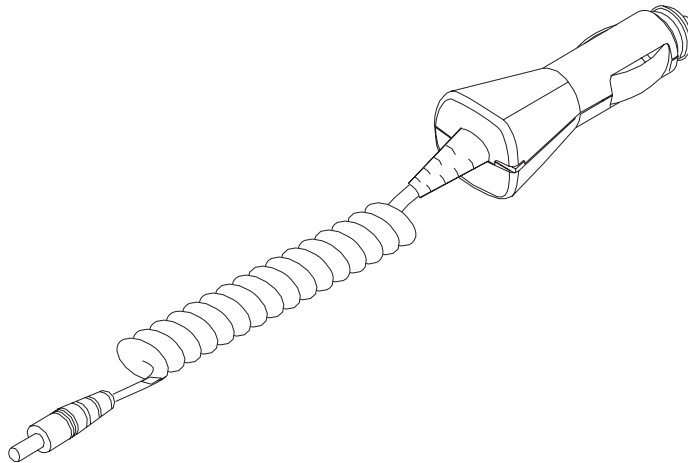
Purpose	charging adapter for car environment; input voltage 9...32 V
Charger type	Switching mode power supply
Operation	quick charge (< 0.5–2.5 h), trickle charge
Protection	input fused, output current limit
Connectors	output: 3.8 mm standard DC plug; input: D 21 / 23 mm
Weight	<120 g
Cable	2 m curly cable

NOTE! The current version of LCH–2 does not indicate (led illumination) in a correct way what is the status of the charging with Li batteries.

For quick car installation, the user can utilise the Cigarette Lighter Charger LCH–2, Power Adapter PAR–1, and RS232 serial cable DLR–1 Mobile

Holder MBR–1 cannot be used in this context.

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