CCS Technical Documentation
NKC–1X Series Transceivers

Accessories

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Standard Battery BLC–2

The BLC–2 is a Li–ION type battery with a rating of 950mAH.

Product Code

Battery pack BLC–2: *0670343*

Figure 1: View of Standard Battery, BLC–2
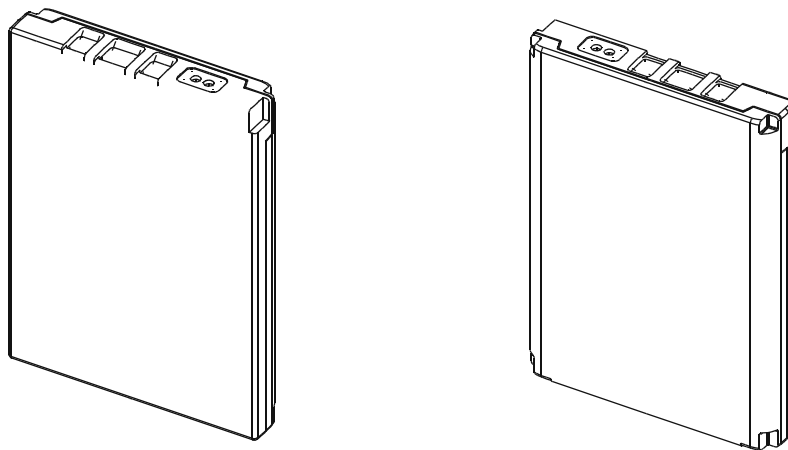
Battery Pack BMC–3

The BMC–3 is a NiMH type battery with a rating of 900mAH.

Product Code

Battery pack BMC–3:   *0670324*

Figure 2: View of Battery Pack, BMC–3
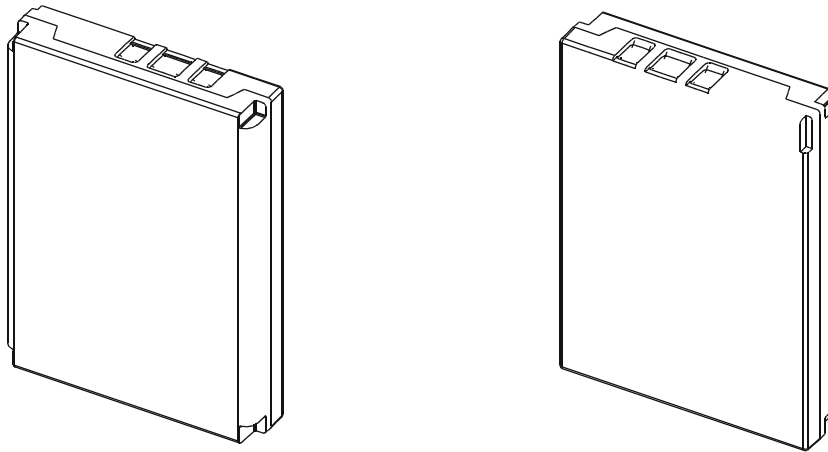
AC Travel Charger ACP-7

The standard charger is available for different voltage levels and comes with different wall plugs. The standard charger can also be used as a power supply for the desktop stand.

Figure 3: View of AC Travel Charger, ACP-7

ACP-7E

ACP-7C
ACP-7P
ACP-7U

ACP-7H
ACP-7X

ACP-7A

S0001160
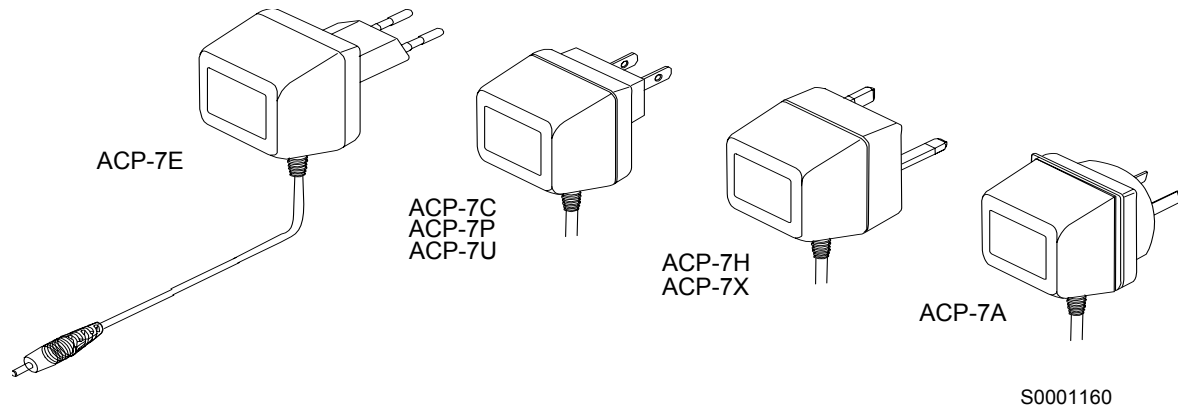
Product Codes

AC Travel Charger(Europlug) 207-253 Vac	ACP-7E	*0675144*
AC Travel Charger(USplug) 108-132 Vac	ACP-7U	*0675143*
AC Travel Charger(USplug) 198-242 Vac	ACP-7P	*0675147*
AC Travel Charger(USplug) 198-242 Vac	ACP-7C	*0675158*
AC Travel Charger(UKplug) 207-253 Vac	ACP-7X	*0675145*
AC Travel Charger(UKplug) 180-220 Vac	ACP-7H	*0675146*
AC Travel Charger(Australia) 216-264 Vac	ACP-7A	*0675148*

Specification

Output connectors:	*3.5 mm DC plug, 2-pole*
Protection:	PTC protection
Output Voltage /Current (typ)	7.6 V / 370 mA

Performance Travel Charger ACP–8

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

The Performance Travel Charger can also be used with desktop stand.

Figure 4: View of Performance Travel Charger, ACP–8

ACP-8E
ACP-8K   ACP-8X   ACP-8U
ACP-8C   ACP-8A
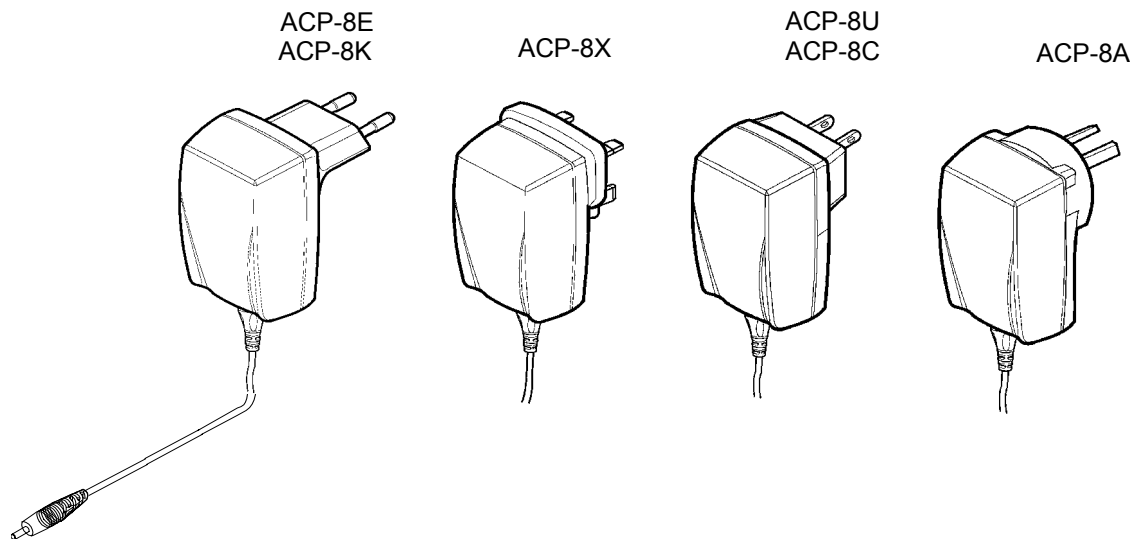
Product Codes

ACP–8E	Performance Travel Charger Euro plug 90-264 Vac	*0675195*
ACP–8K	Performance Travel Charger Korea plug 90-264 Vac	*0675199*
ACP–8X	Performance Travel Charger UK plug 90-264 Vac	*0675197*
ACP–8U	Performance Travel Charger US plug 90-264 Vac	*0675196*
ACP–8C	Performance Travel Charger China plug 90-264 Vac	*0675211*
ACP–8A	Performance Travel Charger Australia plug 90-264 Vac	*0675214*

Specification

Output connectors: 3.5 mm DC plug, 2–pole (+, –, control)

Protection: Output fault voltage 16 V max.

Output voltage/current (typ): 6.0 V (+0.3 V)/ 620 mA

ACP–12 Travel Charger

The ACP-12 travel chargers are small and light weight, high performance chargers. They are multivoltage (90 –264V) chargers, which also fulfill the long run EU Code of conduct requirement on efficiency with low standby power consumption (< 300mW). The chargers have a fixed cable with Velcro cable management.

Product Code

ACP-12 Travel Chargers:

ACP-12E Europe:	*0675294*
ACP-12X UK:	*0675296*
ACP-12U USA:.	*0675303*
ACP-12UB Brazil/Portuguese:	*0675293*
ACP-12G Brazil/Gradiente:	*0675295*
ACP-12C China:	*0675297*
ACP-12A Australia:	*0675300*
ACP-12AR Argentina:	*0675298*

Figure 5: View of Travel Charger, ACP 12

APC-12E/K   ACP-12X   ACP-12U/UB/G/C ACP-12A/AR
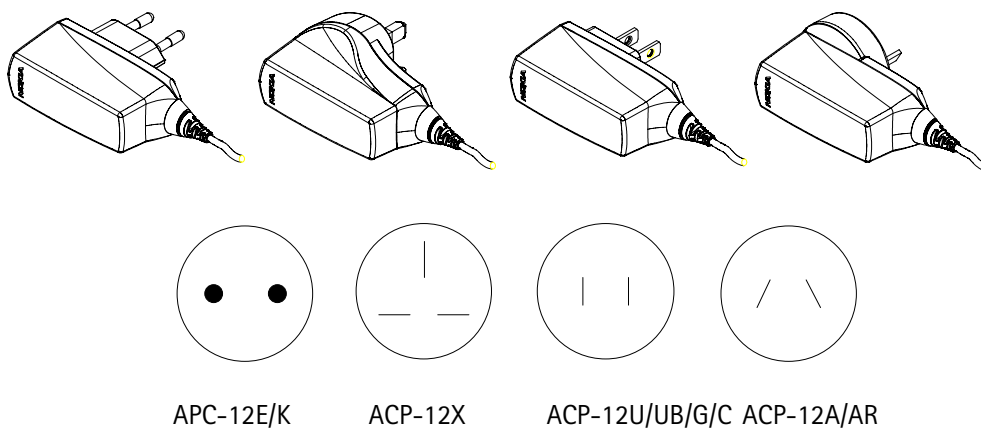
Battery Charging Stand DDC–1

Supports both Li–Ion and Ni–MH batteries (charges following DCT–4 semi–fixed batteries: BLB–2, BLB–3, BLL–2, BMC–2, BMC–3 and BLC–2). LED to indicate charging status: green, ready (trickle charging); red, fast charging; rapid green and red alternately (the charging is disabled due to battery temperature, i.e. battery outside the temperature range). Compatible chargers: Standard Charger ACP–7, Travel Charger ACP–8, Performance Travel Charger ACP–9.

Figure 6: View of Battery Charging Stand, DDC–1
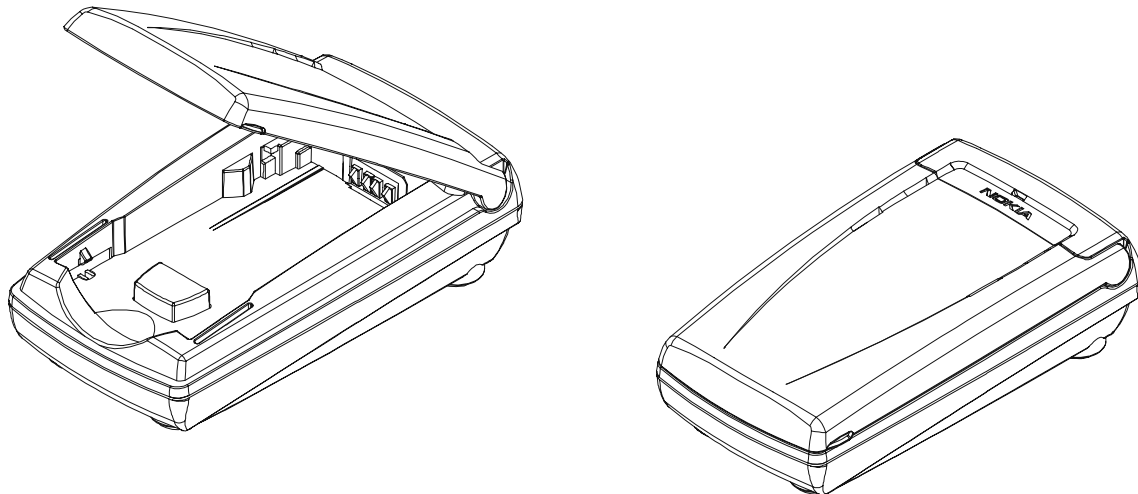
Product Code

Battery Charging Stand DDC–1:   *0675243*

Specifications

Dimensions (H x W x D):   31 x 62 x 105.5 mm

Weight: 97 g

Mobile holder MBC–6

In car phone holder, typically mounted to dashboard using mounting plate MKU- 1 or swivel mount HHS-9.

Figure 7: View of Mobile Holder, MBC–6
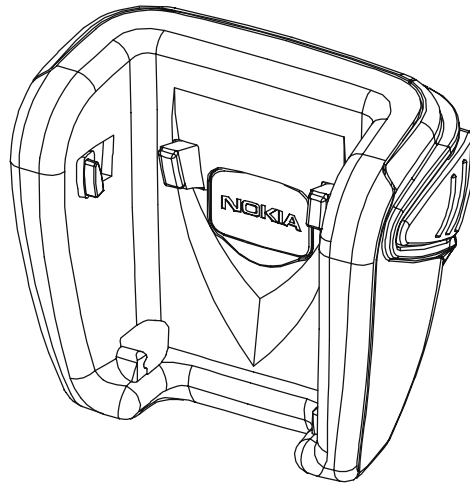
Product Code

Mobile Holder MBC–6:   *0650026*

Specifications

Dimensions (H x W x D):   70 x 75 x 43 mm

Weight: 50 g

Mounting Plate MKU–1

The MKU–1 mounting plate provides a method of fixing the phone holder, the basic handsfree unit or the handset to the vehicle interior.

Product Code

Mounting plate MKU–1:   *0620036*

Figure 8: View of Mounting Plate, MKU–1

Swivel Mount HHS–9

The HHS–9 swivel mounting plate provides an alternative (to MKU–1) method of locating the phone holder, the handsfree unit or the handset.

Product Code

Swivel mounting plate HHS–9: *0620037*

Figure 9: View of Swivel Mount, HHS–9
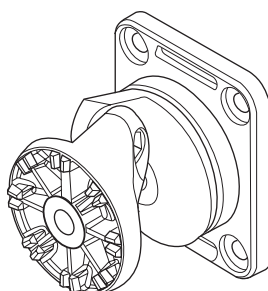
Cigarette Lighter Charger LCH–9

A green light indicates that the cigarette lighter charger is ready for charging. Check the charging status on the phone display. The input voltage can be from 11 or 32 V d.c., negative grounding.

Universal mobile charger can be used with all car accessories provided for your phone except MCC–1.

Figure 10: View of Cigarette Lighter Charger, LCH–9
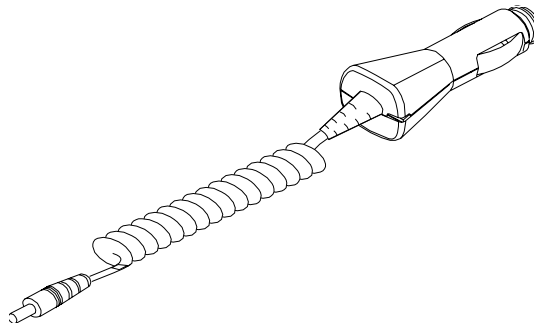
Product Code

Cigarette lighter charger LCH-9:   *0675120*

Specification

Connectors

- input: D 21/23 mm

- output: 3.5 mm DC plug

Protection: input fused, output current limit 850 mA

Voltage

- input: 11...32 V

- output (nominal):   8.4 V

Nominal output current: *800 mA*

Plug and Play Handsfree Cigarette Charger PPH-1

The PPH-1 provides rapid charging for the phone and possibility for HF operation. The PPH-1 plug and play handsfree unit is connected directly to the cigarette lighter in a car. PPH-1 is connected to Mobile phone with the cable. The cable has combined connector with charger – and head set connectors.

Figure 11: View of Plug and Play Handsfree Cigarette Charger, PPH-1
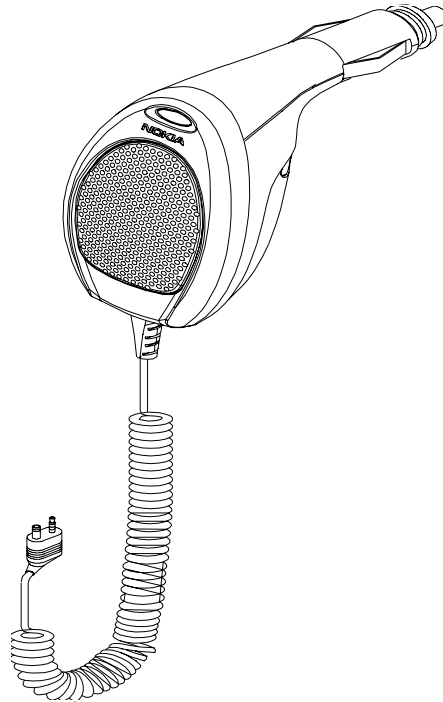
Product Code

Headset PPH-1: *0675182*

Specification

Output connectors: 3.5 mm DC plug, 2-pole (+, –, control)

Input voltage: 8–16VDC

Protection: Output fault voltage 16 V max.

Output current: 750 mA max.

Handsfree Microphone HFM–8

The HFM–8 microphone can be used together with PPH–1 plug and play handsfree unit.

Product Code

Handsfree microphone HFM–8:   *0690016*

Figure 12: View of Handsfree Microphone, HFM–8
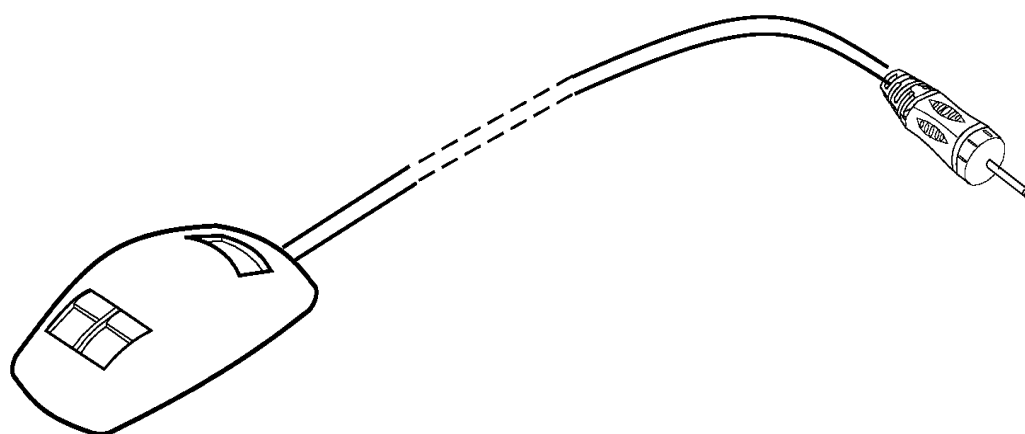
Headset HDE-2

Headset connected directly to the phone via a 4-wire 2.5 mm headset jack (compatible with phones using DCT-4 headset connector).

Figure 13: View of Headset, HDE-2
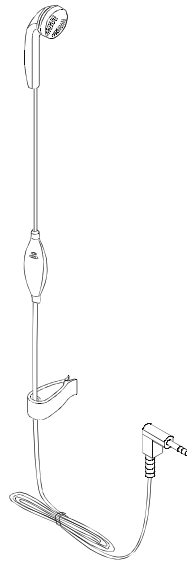
Product Code

Headset: *0694075*

Specification

Weight: 14 g

Length of cable 1050 ± 50 mm

Headset HDC-5

The HDC-5 headset also provides a hook switch for the phone/micro phone.

Product Code

Headset HDC-5:   *0694059*

Figure 14: View of Headset, HDC-5
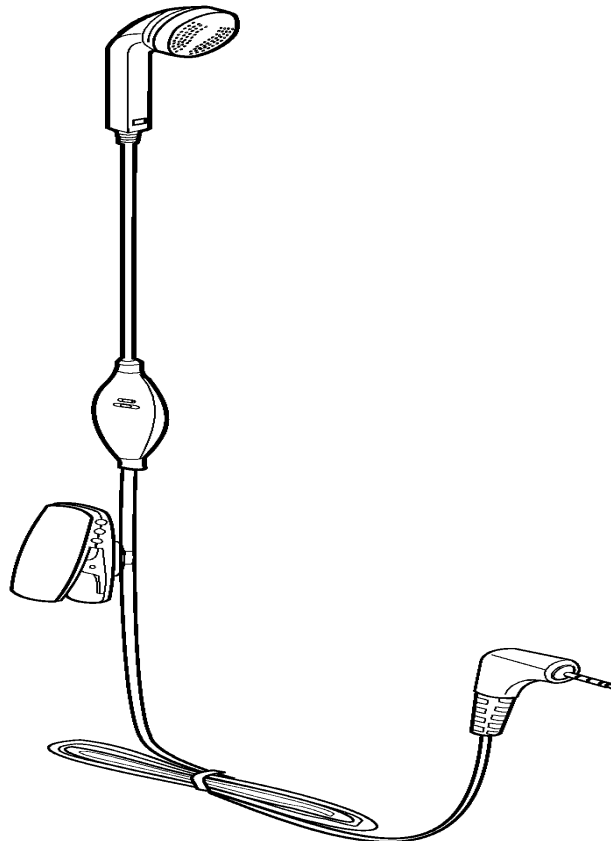
HDB–5 Boom Headset

The HDB-5 boom headset has the basic handsfree functionality with an answer/end button. It is a trendy and modern "over the ear" –concept, small and lightweight and has excellent audio quality.

Product Code

Headset HDB–5:   *0694107, 0273495*

Figure 15: View of the HDB–5 Boom Headset

Loopset LPS–3

The LPS–3 Loopset has been developed for hearing aid users to allow them to use mobile phones. It is based on induction technology.

All hearing aids have support for induction loop, that is, they have a little tele-coil inside. This coil can capture the signal supplied to the loop. Standard hearing aids have two operation modes: (1) the M-mode for normal microphone use and (2) the T-mode for tele-coil.
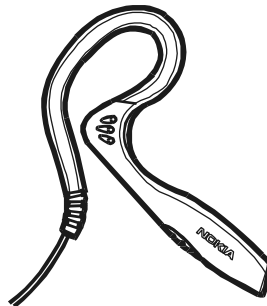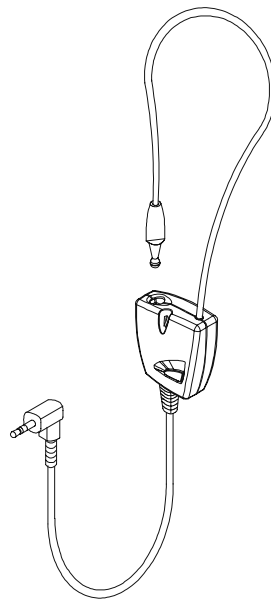
Figure 16: View of Loopset, LPS–3

Product Code

Loopset LPS–3: *0630244*

Recommended Batteries

Table 1: Recommended Batteries

Type	Size / IEC–type	Rated capacity	Talk time (3mA load)	Standby (20uA load)
Zinc Air Hearing Aid Battery	675 / PR44	540 mAh	180 hour.	840 hour or 35 day (1)
Silver Oxide Hearing Aid Battery	675 / SR44	150 mAh	50 hour.	7 500 hour or 310 day.
Alkaline Battery	675 / LR44	110 mAh	36 hour.	5 500 hour or 230 day.

Note: The capacity of the zinc air battery will fall 20% in a month. After the activation, the zinc air battery begins to self-discharge. The battery will be empty within 5 weeks.

CARK 125 Carkit

The CARK 125 Carkit has the following features:

- provides charging and handsfree functionalities
- HF is user installable – no screws are required
- compatible with 12V systems
- Plug-in Car Kit PPH-1
- green light indicates readiness for charging
- built-in speaker
- using the HFM-8 mutes the phone's microphone (HFM-8 is optional)
- HFM-8 connector locks into place so that it cannot be accidentally disconnected (if disconnected during a call, the microphone functionality is lost)
- when connecting the HFM-8, disconnect the PPH-1 from either the phone or the cigarette lighter socket

Product Code

CARK 125: *0085179* (E&A)

0085193 (US)

0080381 (US)

Figure 17: View of Parts of CarKit 125