

**Nokia Customer Care**  
**2112 (RH-57) Series Transceivers**

**General Information**

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## Overview

The 2112 is an 800 MHz CDMA DCT4 transceiver and supports CDMA IS-95 and IS-2000. Features include the following:

- Black and white display (96 x 65)
- Internal antenna
- Internal vibra
- Hands-free speakerphone
- Voice recognition
- Flashlight
- Picture frame and changeable covers
- 16 MIDI polyphonic ring tones



Figure 1: Front, side, and back view of the 2112

Dimensions	Value and Unit
Dimensions:	
Volume	69 cc
Length	102.4 mm
Width	42.2 mm
Thickness	21.5 mm
Weight	83 g

Parameter by Region	Time
Talk time: APAC and LSA/Brazil China	3.5 to 4.5 hours 3.5 to 4.5 hours
Standby time: APAC and LSA/Brazil China	111 to 169 hours 58 to 169 hours

## Module List

Description	Code
A-cover assembly: Light Blue Warm Silver Violet Blue Clay	0266001 0266248 0266250 0266189
Keymat assembly: Latin Chinese Thai Hindi	0265002 0265066 0265068 0265067
Screws	6380209
UI module assembly	0211413
PWB module	0202339
B-cover assembly	0266002
Domesheet assembly	0263410
Battery (BL-5C)	0670400
C-cover assembly: Light Blue Light Blue (without picture insert) Warm Silver Violet Blue Clay	0266003 0266480 0266249 0266251 0266179

## Technical Specifications

Parameter	Unit
Cellular system	CDMA, IS2000
RX frequency band	869.04 ... 893.91 MHz
TX frequency band	824.04 ... 848.97 MHz
Output power	23 dBm

Parameter	Unit
Duplex spacing	45 MHz
Number of RF channels	832
Channel spacing	30 kHz
Power levels	-50 to +25.3 dBm CDMA
Method of frequency synthesis	Three digital phase-locked loops: VHF RX 367.2 MHz VHF TX 457.2 MHz UHF 1052.61 - 1077.57 MHz
Frequency control	19.2 MHz VCTCXO: AFC used
Receiver type	Linear, one IF for CDMA
Modulator type	OQPSK

### Supported Accessories

Type	Name
AC-1	Retractable charger
ACP-7	AC travel charger
ACP-12	Rapid performance charger
AD-5B	Wireless audio adapter
BHF-1	Headrest handsfree
BL-5C	Standard 850 mAh li-ion battery
CK-6	Universal car installation kit
CARK-126	Car kit (for APAC)
DCV-14	Desk stand with 1-button sync
DKU-5	USB data cable
HDB-4	Boom headset
HS-2R	FM stereo headset (US)
HS-5	Standard earbud headset
HS-10	Retractable headset
LCH-12	Mobile charger
LPS-4	Inductive loopset
MBC-15S	Mobile holder

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