

# CCS Technical Documentation

## RH-44 Series Transceivers

# General Information



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## Product Selection

The RH-44 (Models 3586, 3586i) phone is available as a CDMA tri-mode engine (1900/800 MHz CDMA and 800 MHz AMPS), supporting the CDMA 1XRTT Standard Air Interface. Model 3586i variant supports GPS technology to comply with the USA Location Emergency Services mandate.

Three antennas are used – internal PIFA = Planar Internal "F" Antenna; external, extendable silver "whip"; and Global Positioning System (GPS). Note: Only Model 3586i supports GPS technology. When the whip antenna is in, only the internal antenna is active. When the whip is retracted, both antennas are active. Access to test cellular engine is possible once the A cover is removed. A second RF connector to test GPS technology is possible via removal of the B cover (Model 3586i only).

RH-44 features include an internal vibra, CSTN 4096 color display, MIDI sound support, a 2.5 mm Universal headset connector with TTY/TDD support, GPS technology (Model 3586i only), T9 predictive text input, and voice dialing , etc.



## Sales Package

Name:	Type Code:	Material Code:
Transceiver	RH-44	Customer specific
Battery (1000 mAh Li-Ion)	BLC-2	0670348
Rapid Performance Charger (US plug)	ACP-12U	0675303

## Module List

Tri-Mode RH-44 (Models 3586, 3586i)	
A-cover	9491060
Keymat	9790746
Screws	6297701
Display	9481106
PWB Assy: Model 3586 (no GPS) Model 3586i (GPS)	0202160 0202159
D-cover Module	9491455
Antenna Assy	0660284
Battery	0670348
B cover	9491113

## Supported Accessories

Type	Name	Code
BLC-2	Standard 1000 mAh Li-ion Battery	0670348
ACP-7U	AC Travel Charger (US) 108-132 Vac	0675143
ACP-8U	AC Charger	0675196
ACP-12U	Rapid Performance Charger (US)	0675303
DDC-1	Spare Battery Charger	0675243
DCV-15	Desk stand with one-button synchronization	0675326
CARK-142	Advanced Car Kit with passive handset	0080685
BHF-1	Headrest handsfree	0273278
LPS-4	Loopset	0630443
LCH-9	Cigarette Lighter Charger	0675120
LCH-12	Cigarette Lighter Charger	0675328
HDB-4	Boom Headset	0694094
DKU-5	USB cable	0273870