

Differences between the Volkswagen RCD 210, RCD 310, RNS 310, RNS 315, RCD 510, RNS 510, RCD 550, RNS 810 and the RNS 850 HEAD - UNITS

RNS is the designation for Navigation Systems

RCD is the designation for Radio Systems

	RCD 210	RCD 310	RNS 310	RNS 315	RCD 510	RNS 510	RCD 550	RNS 810	RNS 850
Platform	Most *7	Most *7	Most *7	Most *7	Most *7	Most *7	Touareg 2011->	Phaeton	Touareg 2011->
Markets	All	All	Europe	North America	All	All	Europe	All	All
Screen Resolution	Unsure	Unsure	400 x 240 pixels	400 x 240 pixels	400 x 240 pixels	800 x 480	400 x 240 pixels	800 x 480	800 x 480
Screen Size	Unsure	Unsure	5"	5"	6.5"	6.5" 16:9	6.5"	8"	8"
Screen Details	Monochrome	Monochrome	Colour Touchscreen	Colour Touchscreen	Colour Touchscreen	Colour Touchscreen		Colour Touchscreen	Colour Touchscreen
Amplifier Power	Unsure	4 x 20 watt	4 x 20 watt	4 x 20 watt	4 x 20 watt	4 x 20 watt	4 x 20 watt	4 x 20 watt	4 x 20 watt
Processor	Unsure	Unsure	Unsure	Unsure	Unsure	PowerPC 400MHz 750 MIPS	SH4	Unsure	Unsure

	RCD 210	RCD 310	RNS 310	RNS 315	RCD 510	RNS 510	RCD 550	RNS 810	RNS 850
Aftermarket RVC	No	No	No	No	Yes *6	Yes	Yes	Yes	Yes
OPS (Optical Parking System)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TMC (Traffic Reporting)	No	No	Yes		Yes	Yes	Yes	Yes	Yes
DAB	Option *2	Option *2	Option *2	Option *2	Option *2	Option *2	Option *2	Option *2	Option *2
Sirius									
TV Tuner	No	No	No	No	No	Yes	Unsure	Yes	Yes
Dynaudio *3	No	Option	Option		Option	Option	Option	Option	Option
Manufacturer	-	Blaupunkt (Portugal)	Blaupunkt	Technisat	Blaupunkt(European), Delphi(NorthAmerica)	VDO Continental			

*** The option Highlighted in Red pertains to The Skoda Yeti.**

*1 Units with firmware from 2660 upwards now have 32GB + SDHC support including older units (from HW04 and above type A units).

Units with firmware prior to 2660 or with a older hardware revision have a 2GB limitation.

Some 4GB SD cards (not SDHC) will work. 2GB is the maximum size allowed by the specification of SD however there are some 4GB cards available. One that has been tested to work when formatted as a FAT32 card is the Transcend 4GB Secure Digital Memory Card Class 6 (TS4GSDHC6)

*3 Factory option only for Mark 6. The sound system developed for the Golf by Volkswagen and the Scandinavian hi-fi specialist Dynaudio can be paired with any of the 300 or 500 series units. The Dynaudio sound system offers pure high-tech sound: the four 168 millimeter woofers – made of a magnesium-silicate membrane, a very light 74 millimeter voice coil and an internal magnet design in a stiff plastic basket – provide for precise and powerful bass with high pulse fidelity in the doors and in the rear side panels. The 50 millimeter and 60 millimeter tweeters in the door and side trim supplement this sound with exceptionally clear transparency and complex sound impressions.

The loudspeaker system is supplied by a newly developed, digital 300 Watt amplifier; it consists of eight Class AB output amplifiers. The capabilities offered by the digital sound processor (DSP) for so-called propagation time correction (goal: to make a correction so that sound waves from all loudspeakers reach listeners' ears simultaneously, regardless of their locations in the vehicle) and frequency equalization guarantee a sound experience of the highest level.

*4 Map data is loaded from CD onto a SDHC card, this card can also be used for MP3's.

* 6 Unit has AV input on rear however this is not fitted to all head units.

* 7 New Polo, Golf Mk 5 & 6, Golf Plus, Scirocco, Touran, EOS, Tiguan, Passat & CC, Caddy, Transporter T6, Touareg <2011 and others.