Product Specification Sheet

Simrad RS100-B Black Box VHF Radio with Class B AIS & GPS Antenna

SKU: SIM-000-15792-001 Manufacturer part: 000-15792-001

Compiled by Common Ground from the supplied, source-linked Simrad research. Not a manufacturer-issued datasheet. Specifications apply only to the stated model or component.

System type
Modular black-box Class D DSC VHF with integrated Class-B AIS transceiver and GPS

Standard package
One wired handset, one external speaker, and dedicated GPS-500 antenna for AIS transmission

Expansion
Up to eight handsets: four wired and four wireless; up to four external speakers

AIS
Integrated Class-B AIS receiver and transmitter; AIS data can be displayed on the radio or compatible multifunction display

Power supply and operating range
12 VDC negative-ground battery system; +10.8 to +15.6 VDC; nominal +13.6 VDC

Transmit power
25 W high / 1 W low

Waterproof rating
NRS-2 blackbox IPX5; HS100/SP100 accessories IPX7

Blackbox weight
2.5 kg (5.5 lb)

AIS technical mode
Class-B CS (CSTDMA), 161.500–162.025 MHz in 25 kHz steps; single AIS transmitter

Sources
https://www.simrad-yachting.com/en-eu/simrad/type/vhf-radios-ais/vhf-radiors100-b-systemaisgps-500/

https://www.simrad-yachting.com/downloads/vhfradiosandais/

Electrical ratings and physical dimensions are not shipping-package measurements. Kit specifications may describe an included component, not the entire kit.