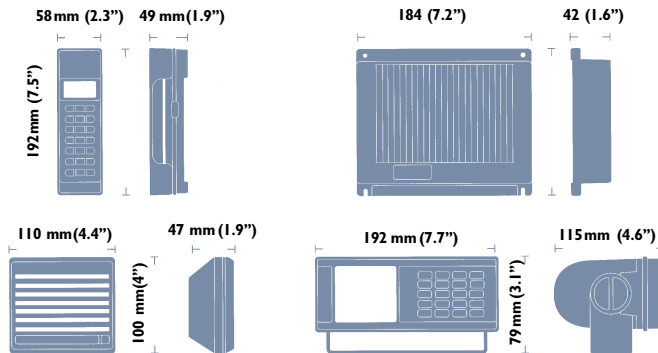


# Simrad RS8300/RS8400

## Technical Specifications



### VHF:

**Power supply:** 10 – 16V dc

**Power drain:** RX 0.15A, TX 6 A max

**Modes:** Simplex / Semi Duplex

### Channels:

All international or USA channels

Special regional channels

Wx (Weather channels) in USA

### Transmitter

#### Power output:

High 25 Watt / low 1 Watt max

**Mic. Sens.:** 22mV

**AF distortion:** < 3%

### Receiver

**Sensitivity:** 0.3mV / 12dB SINAD

**AF output:** 4Watts / 8W @ 13.6V dc

**Headphone:** 12V / 600W

### Construction

#### MAIN UNIT:

Robust aluminum die cast

#### Dimensions / weight:

184 x 155 x 42 mm / 1 kg

#### Environmental:

-15° to + 55° / 95% rel.

### HANDSET:

Polycarbonate / ABS

#### Dimensions / weight:

192 x 58 x 27 mm / 0.25 kg

#### Environmental:

- 15° to + 55°C / waterproof – IP54

### LOUDSPEAKER:

8W / 8W

#### Dimensions / weight:

110 x 100 x 47 mm / 0.4 kg

### DSC control and receiver unit

**Power supply:** 8 – 43V dc

**Power drain:** 5W

**Operation:** CCIR Rec. 541-2

**Protocol:** CCIR Rec. 493-5 Class D

**Memory for quick-select calls:**

10 telephone and 10 ship ID numbers

**Navigator interface:**

NMEA 0183, GLL, GGA

**Printer interface:** Serial RS232

**Receiver frequency:** 156.525 MHz (ch 70)

**Sensitivity:** 0.5 mV with error rate < 0.01

#### Construction:

Die cast aluminum and polycarbonate

### Dimensions / weight:

79 x 192 x 115 / 1.5 kg

### Environmental:

- 10° to + 50°C / 95% rel.

### Options:

**Power regulator 24 to 12 Volt, RS8035**

**Power supply:** 16 – 32V dc, 6A

#### Dimensions / weight:

160 x 120 x 68 mm  
(6.3"x4.7"x2.7") / 1.5 kg

**Power supply RS220 to 12 Volt, RS8036**

**Power supply:**

220/110V ac and 24V dc

#### Dimensions / weight:

225 x 205 x 79 mm  
(9"x8.2"x3.2") / 5 kg

*Specifications subject to change without notice*