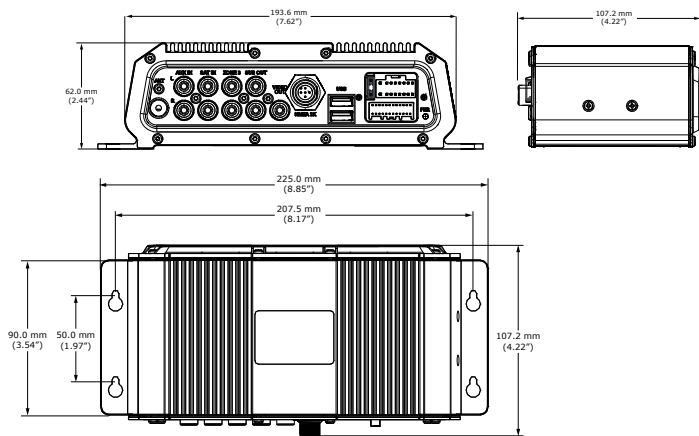


## Dimensions



## Parts included

Pack Part No.	Pack Contents										
	SonicHub™ 2	SonicHub™ 2 Mounting kit	SonicHub 2 Installation guide	SonicHub™ 2 Power cable	6' NMEA 2000 Cable	NMEA 2000 T-Connector	6.5" Speaker x2	Speaker mounting kit	Speaker mounting template	2 x 2m Speaker connector cable	Warranty card
LOWRANCE 000-12301-001 SonicHub™ 2 2 x 6.5" Speakers	•	•	•	•	•	•	•	•	•	•	•
LOWRANCE <b>B&amp;G</b> 000-12302-001 SonicHub™ 2	•	•	•	•	•	•	•	•	•	•	•
LOWRANCE 000-12304-001 2 x 6.5" Speakers							•	•	•	•	•
<b>B&amp;G</b> 000-12305-001 2 x 6.5" Speakers							•	•	•	•	•
<b>B&amp;G</b> 000-12306-001 2 x 6.5" Speakers							•	•	•	•	•

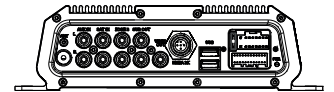
LOWRANCE

**SIMRAD**

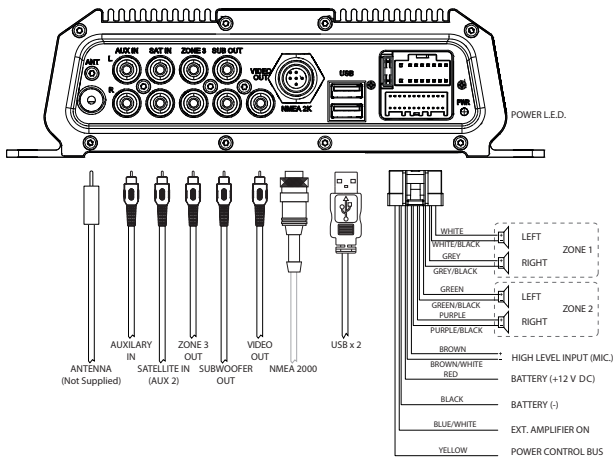
**B&G**

SonicHub™ 2  
Marine Audio Server

## INSTALLATION GUIDE



## Wiring connectors



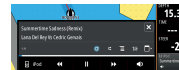
## Operation by an MFD

The SonicHub™ 2 is operated by a compatible Multi-Function Display (MFD). Examples below.

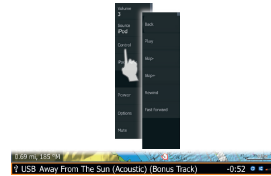
### B&G - Zeus<sup>2</sup> & Zeus<sup>2</sup> Glass Helm



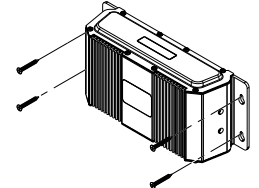
### Simrad - NSS evo2 & NSO evo2



### Lowrance - HDS Gen3 & HDS Gen2 Touch



## Mounting



## Information

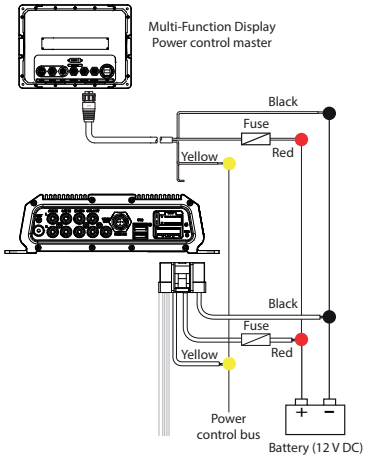
For compliance information see the regulatory statement included with this product. Visit one of the websites listed below for software updates and more information about SonicHub™ 2.

[www.lowrance.com](http://www.lowrance.com)  
[www.simrad-yachting.com](http://www.simrad-yachting.com)  
[www.bandg.com](http://www.bandg.com)

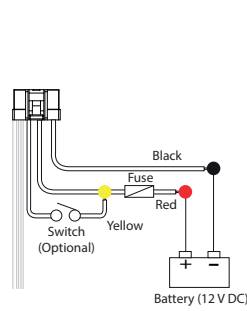
CE 1942

Copyright © 2015 Navico Holding AS.

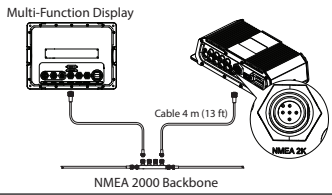
### Preferred power control method



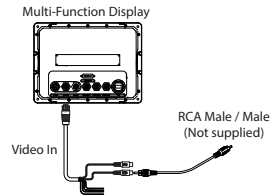
### Alternative switched power control method



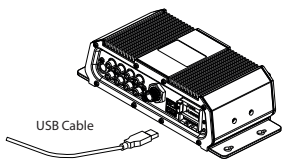
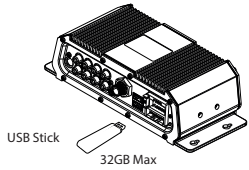
### NMEA 2000 network connection



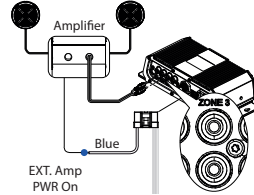
### Video out connection



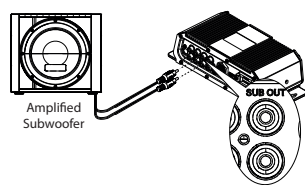
### USB Connection



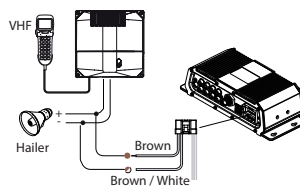
### Speaker connection



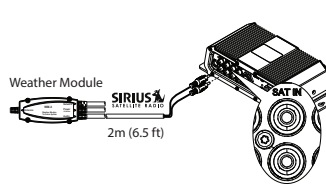
### Subwoofer connection



### MIC connection



### SAT IN (AUX 2) connection



### Connection via Bluetooth

Refer to the relevant brand manual or website for Bluetooth connectivity instructions.

### Specifications

General	
Dimensions (L x W x H)	107.2 x 225.0 x 62.0 mm (4.2 x 8.9 x 2.4")
Weight	0.88 kg (1.96 lbs)
Waterproof rating	IPX2
Temperature	Operating: -20 to 60°C (-4 to 140°F) Storage: -40 to 80°C (-40 to 176°F)
Compliance	FCC part B, Subpart J; CE per EN 60945; C-Tick
AM Tuner	
Tuning range	531 to 1611 kHz EU with 9 kHz/step; 530 to 1710 USA with 10 kHz/step
Usable sensitivity	28 dBuV = 25 uV
Auto seek sensitivity	<20 dBuV
Signal to noise ratio	50 dB @ 60 dBuV signal
Ultimate S/N ratio	>60 dB @ 80 dBuV signal
Distortion	<0.4% @ 60 dBuV signal, 80% modulation
Adjacent channel selectivity	33 dB @ Adjacent channel = 9 kHz offset, 30% modulation, SINAD = 26 dB
Alternate channel selectivity	50 dB @ Alternate channel = 18 kHz offset, 30% modulation, SINAD = 26 dB
FM Tuner	
Tuning range	JPN: 76.0 to 90.0 MHz EU: 87.5 to 108.0 MHz US: 87.9 to 107.9 MHz
Usable sensitivity	28 dBuV = 25 uV
Auto seek sensitivity	-6.5 dBuV = 0.5 uV for 30 dB S/N ratio
Signal to noise ratio	50 dB @ 10 dBuV signal
Ultimate S/N ratio	>70 dB @ 60 dBuV signal
Distortion	<0.1% @ 10 dBuV signal
Adjacent channel selectivity	30 dB @ SINAD = 30 dB, 40 dBuV signal strength, 400 Hz tone, 40 kHz deviation. Adjacent channel = 100 kHz offset, 1 kHz tone, 40 kHz deviation.
Alternate channel selectivity	63 dB @ SINAD = 30 dB, 40 dBuV signal strength, 400 Hz tone, 40 kHz deviation. Adjacent channel = 100 kHz offset, 1 kHz tone, 40 kHz deviation.
Audio Amplifier	
Output per channel	50 W
Total Output	200 W
Signal-to-noise ratio	95 dB
Total harmonic distortion (1W Output, 4 ohm load, 20Hz to 20kHz)	0.04% typical <0.1% max
Power supply requirements	10 to 16 V DC
Current (Muted)	<250 mA
Current (Max)	<20 A
AUX Input/Outputs	
AUX 1 In; SAT IN (AUX 2 In); RCA Output; Subwoofer Out	Line inputs 2 V peak to peak. High level inputs max 6 V, 2 V typical. Video out = PAL and NTSC
Antenna Connection	SonicHub input: Female External cable required: Male
USB/MP3	Industry Standard