



SBS2-2150E-SxC0 User Manual

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Table of Contents

Applicable Models.....	3
Overview	4
Avcom GUI	4
Avcom SBS2 API	4
Installation	5
Configuration	6
Operation	7
Further Information	8

Applicable Models

This manual applies to the following SBS2 product family models:

- SBS2-2150E-S0C0
- SBS2-2150E-S3C0 (has 3kHz RBW filter)

Overview

The SBS2-2150E-S0C0 or SBS2-2150E-S3C0 is the module version of the Avcom SBS2-2150E Analyzer. For simplicity, the model SBS2-2150E-SxC0 will be used to refer to both.

The SBS2-2150E-SxC0 may be accessed and controlled by:

- Avcom GUI software version 4.0rc24 or higher
- A custom application using the Avcom SBS2 API (see below)

Avcom GUI

SBS2-2150E-SxC0 is a “headless” unit (without display) and therefore most of the configuration and operation details are covered in the Avcom GUI User Manuals:

GUI User Guide (covers most operation):

http://avcomofva.com/download_pdf_file/AvcomGuiUserGuideV7.php

GUI Supplement (added V4 functions including SBS2-specific features):

<http://avcomofva.com/docs/AvcomGUIUserGuideSupplementForGUIv40.pdf>

Avcom SBS2 API

The Avcom SBS2 API is a comprehensive library of POSIX compliant C functions to handle all discovery, configuration, and operation of SBS2-2150E-SxC0 via a custom client application.

Installation

The SBS2-2150E-SxC0 is a module intended for integration into a larger system. The unit is not designed for direct exposure to outdoor weather.

For mounting guidance:

http://avcomofva.com/docs/SBS2-2150E-SxC0-x_MECHANICAL_v2p2-2.PDF

Connectors:

http://avcomofva.com/docs/SBS2-2150E-S3C0-X_PINOUT.pdf

Tech Overview Manual:

http://avcomofva.com/docs/SBS2-2150E-XXXX-X_Technical_Manual_Rev1p2.pdf

Configuration

Avcom GUI version 4.0rc24 or higher is required to configure and use SBS2-2150E-SxC0.

Use the supplied CD to install Avcom GUI version 4.0rc24 or higher.

Within the GUI help menu, follow the instructions in [AvcomGUIUserGuideSupplementForGUIv40.pdf](#) in order to discover and configure SBS2-2150E-SxC0.

In the event you have trouble configuring SBS2-2150E-SxC0, please download the [sbs2net](#) utility from the Avcom website and follow directions to configure the analyzer.

Operation

The SBS2-2150E-SxC0 can be operated via the Avcom GUI. Details for operation can be found in the following manuals which are also in the GUI help:

GUI User Guide:

http://avcomofva.com/download_pdf_file/AvcomGuiUserGuideV7.php

GUI Supplement:

<http://avcomofva.com/docs/AvcomGUIUserGuideSupplementForGUIv40.pdf>

Further Information

For further information, please contact [Avcom Tech Support](#).