



SA100 Dual with Remote Capability NDB Transmitter, EC

Part Number: SLF30509

SPECIFICATION SHEET

5055 Belmont, Beaumont, TX 77707
 Phone +409.842.1717/1.800.648.6158 (Toll Free in the US)
 Fax +409.842.2987
 sales@southernavionics.com



IP66 Weather Proof Enclosure

Application:

Designed to meet Low/Medium/High frequency applications in extreme high salinity offshore environments or hot desert regions, the SA series transmitter has served as the standard for Non-Directional Beacons (NDB) for over 22 years.

It is supplied with a Remote Panel (details on Page 2) for operation and monitoring.

Its synthesized frequency adjustment, switch selected Identifier Code and built in test equipment (BITE) are standard.

Works in conjunction with the PC-1000C/3, Series Coupler.

CE Certified and IP66 Certified.

FEATURE	SPECIFICATION
Frequency Range	190 - 535 kHz Optionally 190 - 625 kHz
Power Output	25 - 100 Watts
Spurious Emission	-63 dBc
Type of Emission	NON, A2A, A3E (Optional)
Modulation	Switching modulator/regulator provides high level modulation 0 - 95%
Noise and Hum Level	-40 dB below 100 Watt carrier
Input Power	115/230 V±15%, single phase 50 - 60 Hz, optional 24 VDC or both with switch over to batteries
Metering	Power output, reflected power, percent modulation, PA voltage, PA current, audio input level
Working Conditions	-50°C - +70°C 0 - 100% humidity
Monitoring	Automatic shutdown if tone, modulation, power or VSWR drift beyond an adjustable level; shutdown signal initiates a transfer from the primary transmitter to the secondary transmitter
Height	39 in. (99cm)
Depth	15 in. (38cm)
Width	21 in. (53cm)
Weight	108 lbs. (49kg)

*Information provided is subject to change without notice

SA Remote Panel (SLE34710)



Application:

The Remote Control Panel is designed for indoor mounting in a standard 19 inch cabinet.

The Panel is connected through a Serial Data Link (2C w/Shield).

Please see table to the right for functions and indicators.

FEATURE	SPECIFICATION
Control Functions	Transmitter ON/OFF, Primary Transmitter Select, Reset To Primary, Audio Alarm Enable/Disable, Power selection
Input Power	115/230 V±20%, single phase 50 - 60 Hz
Working Conditions	-50°C - +70°C 0 - 100% humidity
Indicators	Transmitter On, AC Power Present (At transmitter site), Primary Transmitter (TX1/TX2), System Status (Primary, Secondary, Fail), Remote Control Enable, Remote Control Link Update. Voice Indicates handset Activated, Data indicates handset switched off
Height	7 in. (18cm)
Depth	10 in. (26cm)
Width	19 in. (49cm)

