THE SCIENCE ACR OF SURVIVAL

AISLink™ CB2

CLASS B AIS TRANSPONDER

AIS

Increased Visibility to other vessels (SOTDMA)

AIS

Supplied with GPS Antenna

The AISLink CB2 is an advanced safety and collision avoidance solution utilizing the superior SOTDMA access system. Providing the same transmission priority as Class A AIS transponders, the AISLink CB2 features primary benefits including a faster reporting rate and higher output power.

AISLink CB2

CLASS B AIS TRANSPONDER

The AISLink CB2 AIS Transponder is a fully compliant, waterproof Class B Transponder designed to help avoid collisions. Using advanced SOTDMA technology, the AISLink CB2 features inherent advantages, including a faster reporting rate and a higher output power, in relation to all CSTDMA Class B products on the market.

Utilizing 99 acquisition channels and 33 tracking channels, the internal multi-GPS receiver continuously transmits your vessel information including position, speed, course and heading, ensuring an indication of the most accurate global positioning at all times. In addition to transmission of dynamic vessel information, the AISLink CB2 also continuously transmits static information including vessel name, call sign, vessel type, vessel dimensions, and MMSI number.

Programming static information into the AISLink CB2 proves effortless as the user has the ability to simply upload this information via Wi-Fi using ACR's free mobile app. For increased flexibility for the maximum number of users, the app is conveniently available from either the App Store (Apple) or the Google Play Store (Android).

Upon completion of the quick and easy installation process, the AISLink CB2 receives and interprets messages from other AIS equipped vessels within range and then seamlessly communicates this information to other navigation devices on your vessel such as chart plotters, laptops or mobiles using the CB2's NMEA 0183, NMEA 2000®, USB or WiFi outputs.

A primary benefit that users can rely on is the transmission priority provided by the AISLink CB2 due to the use of the SOTDMA access scheme versus CSTDMA. Use of SOTDMA guarantees the same AIS transmission priority as a class A transponder, ensures a faster reporting rate with transmissions every 5 seconds instead of every 30 seconds, and also ensures a higher output power of 5 Watts instead of 2 Watts. These features not only allow the CB2 to convey a more "real-time" picture of your vessel's position, but also enables your transmissions to reach further.

Additional benefits include a multi-color LED indicator light communicating the ongoing operational status of the unit. Given that the CB2 also comes complete with an external GPS antenna, users have the ability to be transmitting AIS messages and enjoying the many benefits of the AISLink CB2 within minutes of install.

The AISLink CB2 provides a significant advantage in navigational safety, giving you the peace of mind that your vessel will be seen day or night on even the busiest waterways, regardless of what the weather may be.

As a leader in life-saving marine products for both professional and recreational use, ACR provides unparalleled safety and peace of mind with the AISLink CB2 AIS Transponder.

SPECIFICATIONS

Product Number: 2676

Transmitter	
Transmit Power	5/1 Watts
Frequency Range	156.025 - 162.025 MHz
AIS Modulation	GMSK: BT 0.4
Receiver	
Sensitivity	-107 dBm for 20% packet error rate
Frequency Range AIS RX1 & RX2	156.025 – 162.025 MHz
Frequency DSC	156.525 MHz
GPS Receiver	
Sensitivity	High Sensitivity
Channels	99 acquisition / 33 tracking

General	
Temperature Range	-15°C to +55°C / 5°F to 131°F
Waterproof	IPx7 (1 meter for 30 minutes)
Supply Voltage Range	10.8 V to 31.2 V
Dimensions	6.4" x 4.0" x 2.3" (162 x 101 x 58 mm)
Interfaces	
Serial ports	NMEA 0183 [2 Rx, 2 Tx] NMEA2000® [DeviceNet] 1 x USB 1 x WiFi IEC802.11 bgn
Compliance	
Standards	IEC62287-2 IEC60945

Internal 99 Channel GPS Receiver

Micro USB Connection

WiFi Connection

Free Mobile App

Simple Installation