



Blue Water Design A2FX Specifications

Overview

The A2FX from Blue Water Design is a field-ready enclosure for the A2X. It provides a complete portable ALERT2 transceiver, including radio with selectable channel, speaker for listening to radio traffic, a large battery for multiple days' use, and an internal GPS antenna, all mounted in a waterproof case.

External Connections Available

All connections on the A2FX-B are inside the case. The A2FX-E is also available, with bulkhead connectors installed in the case, allowing for externally provided power, radio, GPS, and/or serial connections.

Physical

Dimensions	A2FX-B: 10.62" x 9.88" x 6.92" (27 x 24.6 x 17.6cm)
Weight	A2FX-B: 8lbs (3.6kg)
Temperature Range	-40 - +80 °C

Electrical

Power Input	12 - 17 vDC, reverse polarity protected, 2.0x5.5mm barrel jack. 14.2v minimum for full charge.
Power Supply	Included power supply is 15V
Battery	6400mAH Li-ion battery bank

Interfaces

Power Connector	2 pin, 2.0x5.5mm barrel connector
Power Adapter	Includes 15VDC power supply for operation and charging
LEDs	Battery gauge LEDs provide indication of battery level when A2FX is switched on
Bluetooth	Bluetooth capability through included USB->Bluetooth adapter
GPS Antenna	Includes GPS antenna. Provided connector is SMA, female.
Radio Antenna	Includes radio antenna. Provided connector is BNC, female.
Radio Programming	DB15 connector provides access to radio programming
Speaker	Connected to radio output, provides on/off, volume control



Features

Includes Ritron DTX-145 radio, programmed with up to 8 different frequencies
 Includes A2X-IND, A2X-RPT available at an additional cost
 Radio channel select switch selects between 8 different radio channels
 Battery fuel gauge indicates remaining battery life
 Magnetic mount point for GPS antenna
 Speaker connected to radio output, with on/off/volume control knob
 Waterproof enclosure