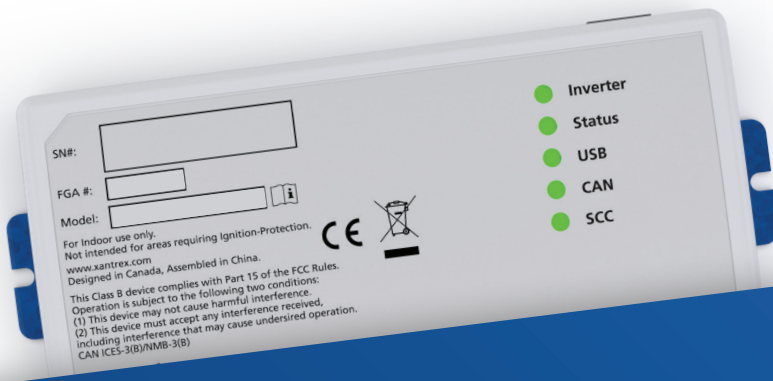





## FREEDOM X COMBOX DATASHEET

AVAILABLE MODELS:  
RV/Caravan: 808-0822  
Marine: 808-0822-01



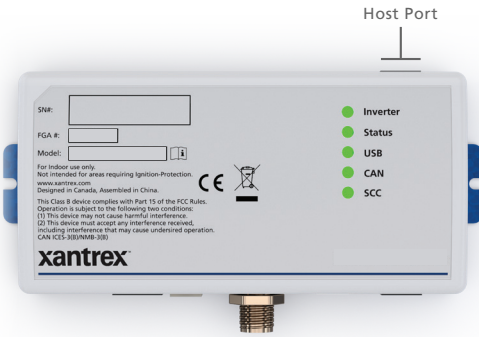
## COMMUNICATIONS BRIDGE FOR FREEDOM X AND XC SERIES

The FREEDOM X Combox connects the FREEDOM X and XC family of inverter/chargers to an RV-C or NMEA2000 bus to support seamless integration with third party monitoring and control systems.

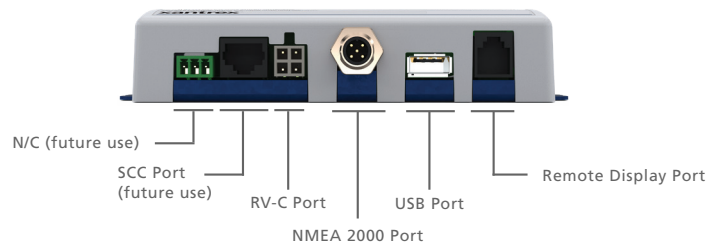
-  Configure FREEDOM X or XC family products using standard RV-C or NMEA2000
-  USB Host port for firmware upgrade and configuration
-  Compatible with the Freedom X Remote Panel

APPLICATIONS:



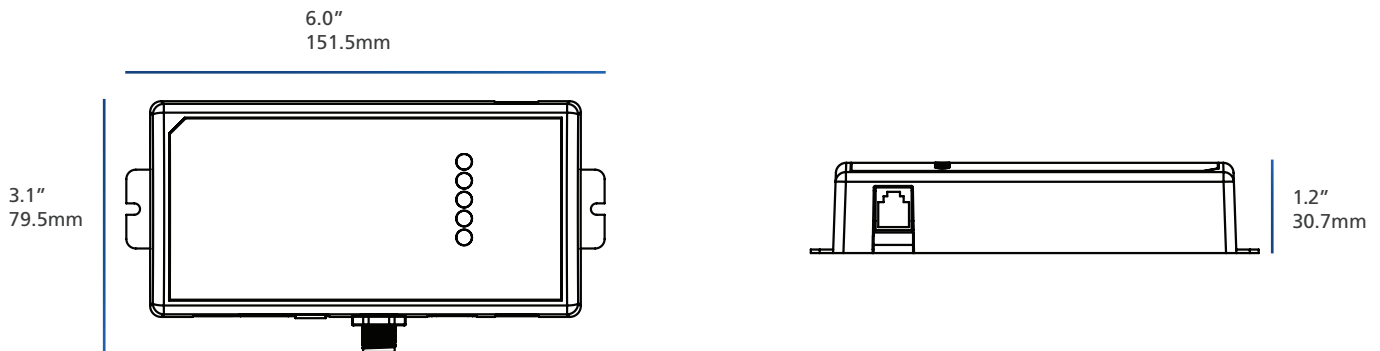


FRONT VIEW



BOTTOM VIEW

### FREEDOM X COMBOX DIMENSIONS



### COMPATIBLE WITH OTHER XANTREX PRODUCTS



FREEDOM X INVERTER  
(817-1000, 817-2000, 817-2000-12,  
817-2000-21, 817-3000)



FREEDOM XC INVERTER CHARGER  
(817-1050, 817-2080-12, 817-2080)\*



FREEDOM X/XC REMOTE PANEL  
(808-0817-01, 818-0817-02)

\*compatible with 808-0822 only

## ELECTRICAL SPECIFICATIONS

	FREEDOM X Combox	FREEDOM X Combox Marine
Host and Display Interfaces Serial	RJ-12 ports	RJ-12 ports
Communication Interface (CAN)	RV-C, 4-pin connector	NMEA2000, Micro-C 4-pin connector
Power supply (SELV) via RJ-12 Remote port of the Xantrex Freedom X and XC series	Power input voltage range: 10 – 32V $\overline{\text{---}}$ Power input current including Freedom X remote panel: < 130mA at 12V $\overline{\text{---}}$ Standby power: 0.8W, < 70mA at 12V $\overline{\text{---}}$	Power input voltage range: 10 – 32V $\overline{\text{---}}$ Power input current including Freedom X remote panel: < 130mA at 12V $\overline{\text{---}}$ Standby power: 0.8W, < 70mA at 12V $\overline{\text{---}}$

## PHYSICAL SPECIFICATIONS

	FREEDOM X Combox	FREEDOM X Combox Marine
IP rating / Mounting Location	IP 20, NEMA Type 1, Indoor only	IP 20, NEMA Type 1, Indoor only
Temperature	Operating: -4 to 122°F (-20 to 50°C) Storage: -40 to 185°F (-40 to 85°C)	Operating: -4 to 122°F (-20 to 50°C) Storage: -40 to 185°F (-40 to 85°C)
Humidity	Operating: < 95%, non-condensing Storage: < 95%, non-condensing	Operating: < 95%, non-condensing Storage: < 95%, non-condensing
Weight	0.5lb (227g)	0.5lb (227g)
Dimensions (L x W x H) (with flanges)	6.0 x 3.1 x 1.2" (151.5 x 79.5 x 30.7mm)	6.0 x 3.1 x 1.2" (151.5 x 79.5 x 30.7mm)
Part Number	808-0822	808-0822-01

## REGULATORY APPROVALS

	FREEDOM X Combox & FREEDOM X Combox Marine
North America (US, CA) EMI	47CFR (FCC) Part 15B Class B, ISED Canada ICES-003 Class B
European Union (EU)	E-mark, CE-Marking

Specifications subject to change without notice.

### ACCESSORIES

Mfg Part #	Description
31-6257-00	25-ft (7.62m) RJ-12 6-conductor Communication cable
31-6262-00	50-ft (15.24 m) RJ-12 6-conductor Communication cable

NOTE: Contact Xantrex or your dealer to order these accessories.