



FREEDOM SEQUENCE DATASHEET



IQ FOR YOUR RV

The Xantrex Freedom Sequence is an intelligent energy management system (EMS) that provides automatic power & load management for Recreational Vehicles (RVs) when powered by shore power or generator. Together with the Freedom SW Inverter/Charger, System Control Panel (SCP) and Automatic Generator Start (AGS), the Freedom Sequence provides a complete integrated power management solution for RVs. The Freedom Sequence enables you to monitor and control all the power components from a single, easy to use System Control Panel, rather than multiple, mismatched, control panels. When used with the Freedom SW Inverter/Charger and the Automatic Generator Start, the Freedom Sequence provides automatic generator starting and stopping and automatic inverter assist support for maximum load usage, all behind the scenes. These power components that form a single, cohesive 'Freedom SW Power System' are manufactured by Xantrex and are able to communicate with each other.

The Freedom Sequence automatically manages RV power needs while helping to minimize the nuisance caused by tripping of circuit breakers.



Easy to operate and configure



Usable with any breaker panel



Real time independent monitoring of AC loads

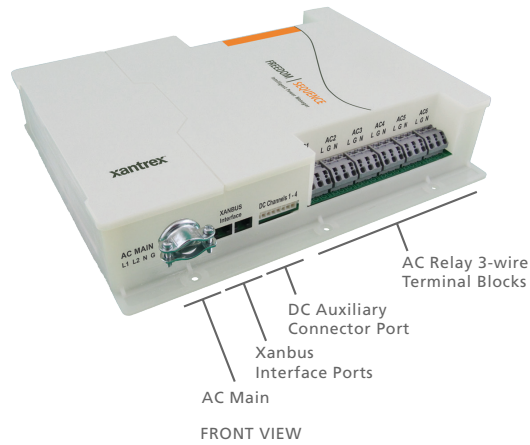


Quick programming of custom OEM configuration

APPLICATIONS:



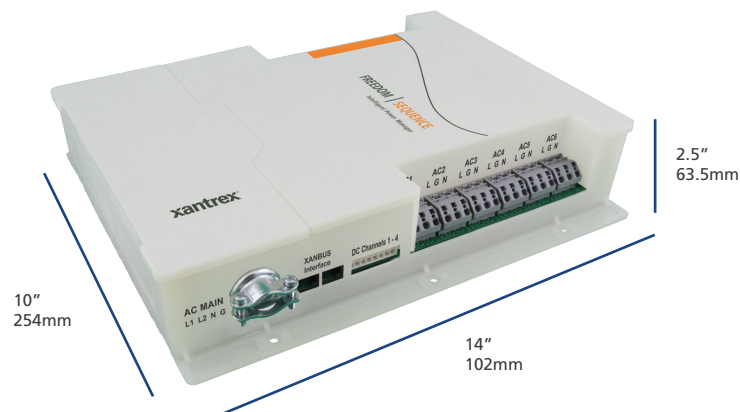
www.xantrex.com
CUSTOMER CARE: 1.800.670.0707



PRODUCT FEATURES

- Manages the complex RV power system from a single remote System Control Panel
- Integrates with the Freedom SW inverter/charger to provide a total power solution
- Automatic inverter assist mode for additional power to support high peak power demands
- Power management for different available sources (50A / 30A / 20A Service and Generator)
- Automatically sheds and re-engages loads to avoid the nuisance circuit breaker tripping
- 4 AC and 4 DC relays for wider options on load shedding charger to provide a total power solution
- Automatic detection of 120/240 Vac split phase AC sourcing
- Quick-connect AC terminals for fast and easy AC wiring (no strain relief required)

FREEDOM SEQUENCE DIMENSIONS



ELECTRICAL SPECIFICATIONS

	FREEDOM SEQUENCE
Shedding for Split Phase / Two Phase Input	Up to 50A/line
Load Shedding for Single Phase Input	Up to 50A total
Input Voltage, Current Measurement	Yes
Number of AC Circuits	4
Number of DC Circuits	4
Brand Circuit Current Monitoring	Yes
Type of AC Circuit Connectors	Fast connect
Type of DC Circuit Connectors	16-position wire harness
AC Relays	250Vac, 15A Form B SPST, SPST
DC Relays	30Vdc, 10A Class-2
Maximum Voltage, L-N	140Vac
Operating Frequency	40–75Hz
DC Input Voltage Rating System	12/24V

GENERAL SPECIFICATIONS

	FREEDOM SEQUENCE
Installment Environment	Indoor, out of direct weather
Dimensions (L x W x H)	10 x 14 x 2.5" (254 x 102 x 63.5mm)
Weight	2.2lb (1kg)
Part Number	809-0913

REGULATORY APPROVALS

UL 916, UL 458, FCC class B

Specifications are subject to change without notice.

ACCESSORIES

Mfg Part #	Description
809-0921	Compatible System Control Panel (SCP)
809-0915	Compatible Automatic Generator Start (AGS)
809-0940	25' Network Cable (for SCP)
809-0942	75' Network Cable (for SCP)

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

CONTACT

CUSTOMER SERVICE

1.800.670.0707
 customerservice@xantrex.com
Hours of operation:
 6:30am - 4:30pm PST, Monday to Friday



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