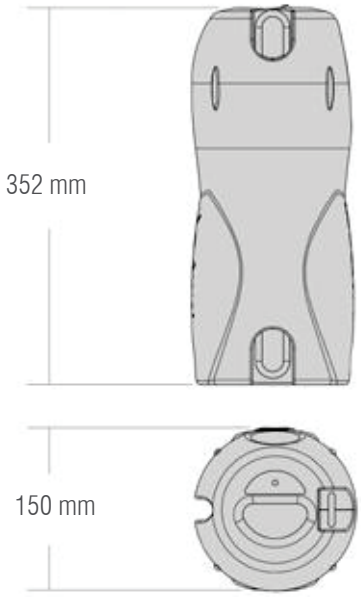
MFX TWIN RIG DOOR SENSORS

Marport's MFX Twin Rig Door Sensors measure the distance between the trawl doors, as well as the spread between the door and the centre weight (Clump). These sensors are programmable in different frequencies and can also show information about depth, pitch angle, roll angle, angle of attack, and temperature. Proper operation of these sensors indicate if the Clump is forward or aft of the doors, allowing the operator to position rigging to obtain maximum spread and net opening. The MFX Twin Rig Door Sensors are well-suited for all types of fishing.

- Helps to properly align doors, keeping the trawl hydrodynamic while reducing fuel consumption and towing duration.
- Indicates if doors have crossed over, collapsed, or if the net is skewed or dragging the bottom.
- Prevents damage to the trawl by ensuring that the doors are positioned properly.
- Updates rates as often as 3 seconds.
- Typical battery life of 90 to 200 hours* for Master, 90 to 300 hours* for Slave and Clump. Based on standard charging time of 8 to 12 hours**.



Technical Specifications

Uplink Frequency	40.8 - 43.4 kHz
Uplink Beamwidth	40° or 105°(-3dB)
Range to Vessel	2500m
Maximum Working Depth	1200m
Resolution and Accuracy	0.1m ± 30 cm
Update Rate	3 - 8 sec or 11 - 15 sec
Optional Pitch & Roll Resolution	±0.1°
Battery Type	Lithium-Ion
Typical Battery Life Range	90-200 hours Master* 90-300 hours Slave/Clump*
Charging Time	8 - 12 hours**
Weight in Air	5.0 kg
Weight In Water	0.8 kg

* Reference Only. Depends on MFX Door sensor functions enabled. Battery life may be extended using low power settings.
** Based on average charging time. Refer to the Battery Chargers Quick Reference Guide for further information.

PRODUCT NUMBER	DESCRIPTION
SS-15-00	**MFX MASTER DOOR SENSOR 144 KHZ**
SS-16-00	**MFX SLAVE DOOR SENSOR 144 KHZ**
SSC-17-00	**MFX CLUMP DOOR SENSOR 144 KHZ**
DOO-0-00	DEPTH OPTION
TOO-0-00	TEMP OPTION
RPO-0-00	PITCH & ROLL OPTION

PERFORMANCE SPECIFICATIONS ARE ESTIMATES ONLY. ACTUAL RESULTS WILL VARY DEPENDING ON SEA STATE AND EXTERNAL FACTORS OUTSIDE MARPORT'S CONTROL. ALL PRICES ARE EX-FACTORY, CORNWALL, ONTARIO, CANADA. SUBJECT TO MARPORT TERMS AND CONDITIONS OF SALES. PRODUCTS MAY NOT APPEAR AS SHOWN.