

Shark X4 53dB 4G LTE

Extreme Power Marine Wireless
Mobile Network Signal Amplifier
Multi User - Midsize Vessel Coverage



4 BAND
MULTI BAND
53dB

SHARK X4 EXTREME POWER WIRELESS MOBILE NETWORK SIGNAL AMPLIFIER



Multiple users - Multiple devices

The Shark X4 is the highest power 53db gain Marine Amplifier on the market. It will keep you connected where other amplifiers fail. It amplifies signal to all mobile phones and mobile devices within the Amplifier's range simultaneously. This is a wireless amplifier that does not require a physical connection to the mobile phone or mobile data device. The Smoothtalker Marine X4 Extreme Power Amplifier is the most technologically advanced wireless mobile signal amplifier made. It features proprietary "stealth tech technology" that prevents shutdowns from poor antenna placement and changing environment. This amplifier has 53dB of gain and provides coverage throughout your vessel. The Shark X4 can keep you connected up to 50km from the nearest tower.



Multiple Users
Multiple Devices



Increase Data Speeds
up to 30 times



Reduces
Dropped Calls



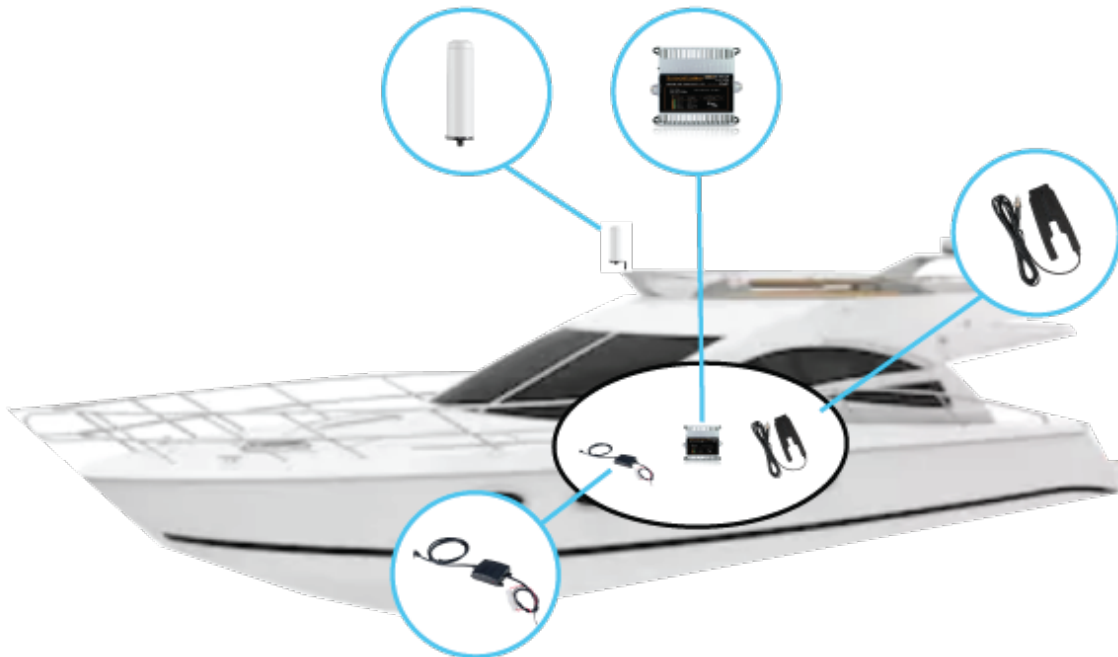
Connects you in
poor signal areas



Improves Device
Battery Life



Easy
Install



The Amplifier captures the signal from outside vessel and amplifies it to the phone. It takes the weak signal from your phone and amplifies it back to the tower



Boosting Your

Smoothtalker® Mobile Network Signal Anywhere

How Large an Area will it cover

Coverage area is affected by the outside signal level and the Amplifier rated gain. Generally the Amplifier will cover the entire area of the inside of your vessel. (Note: when used in larger size vessels the coverage area may be reduced in very low outside signal levels.)

Features and Benefits

Power: 3.5A Install

Antenna: Omni Tube

Power Options



3.5A
CLA



3.5A
Wall Power

SMOOTHALKER
Omni Directional Tube Antenna

SEM DT1

Electrical Specifications:

Frequency range (MHz)	603-960/1710-2700
Polarization	Vertical
Impedance	50 ohm
VSWR	≤1.5
Maximum input power(W)	100
Lightning protection	DC Ground
Gain:	3, 5dBi
Half-power beam width:	Horizontal :360 Vertical:60
Connector Type	N-Female
Connector position	Bottom
Size(mm)	63×240
Antenna weight(kg)	0.58
Wind Cross Section area Ft ²	≤0.2
Rated wind velocity(km/hr)	130
Reflector material	Copper
Material	ABS UV Stable
Color	White
Operating temperature	-40~+55C
Mounting hardware	Alum and Stainless Ubolts
RoHS Compliant	2002/95/EC/2003/11/EC

Shark X4

Outside Signal Level and Coverage Expected

5 bars outside	distance from inside Antenna	18 m.
4 bars outside	distance from inside Antenna	12 m.
3 bars outside	distance from inside Antenna	6 m.
2 bars outside	distance from inside Antenna	3 m.
1 bar outside	distance from inside Antenna	1.5 m.
0 bars	Possibly will not work	

Technical Data

SMOOTHALKER
Shark X4

**4 BAND
MULTI BAND
53dB**

Technical Data: (5G ready for below frequencies)

Frequencies	800 900 1800 2100 MHz
Model	X453
Gain	53dB
Modulations	2G,3G,3G+,4G,4G+,GSM,HAPA,CDMA,LTE,LTEA
TX Power	1watt EIRP
Noise Figure	<4 dB
Flatness	+/- 3 dB
Power supply	120V AC/DC
Operating Temp	-22 F to + 185 F
Dimensions	L 4.72" x W 4.25" x H 1.25" (inch)
Weight	1.5 lbs
Cable	Included in all kits



Smoothtalker offers fully automatic gain and oscillation control also automatic power control which protects the Mobile Network. This makes Smoothtalker Amplifiers totally network friendly and deliver the best signal to your Mobile device at MAXIMUM power.



Mobile Network Signal Amplifiers - Boosting Your Signal Anywhere

Who is **Smoothtalker**

In 2001 we designed the first Digital Mobile Amplifiers in North American with FCC and IC approval.

We continue to lead with the most powerful and intelligent amplifiers in the world.

We have now certified our first EU Band Amplifiers products with CE/RED Directive 2014/53/EU: Radio, EMC, Safety, & Health



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