



HiBoost MobileLink Adventurer

Heavy-Duty Mobile Booster for Off-Road and Outdoor Applications

Overview

The HiBoost MobileLink Adventurer is a 50 dB mobile cellular booster engineered for on-the-go connectivity in vehicles such as SUVs, pick-up trucks, and off-road rigs. Designed for outdoor and off-road use, the Adventurer model features a folding mount bracket and multi-installation options, allowing flexible setup on various vehicle types or temporary outdoor sites. It delivers reliable voice and data coverage across all major U.S. and Canadian carriers.

With high-linearity amplifiers and a wide dynamic range, the MobileLink platform ensures clean, interference-free amplification for multiple users and devices. Each unit includes automatic and manual gain control, dual power inputs (DC 12–24 V and adapter), and optional remote monitoring through the HiBoost Signal Supervisor app.

Built with automotive-grade components and tested for heat, vibration, and environmental durability, the MobileLink Adventurer is ideal for outdoor professionals, overlanders, and off-road enthusiasts seeking professional-grade connectivity wherever the road—or trail—leads.



Key Features



- **Performance**
 - Up to 50 dB system gain for extended mobile coverage on the road
 - Full-band support: Bands 12/17 • 13 • 5 • 25/2 • 4
 - High-linearity amplifiers and low noise figure (≤ 6 dB) ensure stable, interference-free performance
 - AGC / MGC allow fine-tuning under variable signal conditions
 - Simultaneous support for multiple users and connected devices
- **Reliability & Compliance**
 - Automotive-grade metal housing with heat dissipation fins
 - Self-resetting fuse – no external fuse required
 - DC 12–24 V input for wide vehicle compatibility
 - IP40 environmental rating for protected mounting
- **Integration & Monitoring**
 - Signal Supervisor App (iOS / Android) for remote status and performance monitoring
 - 50 Ω impedance with standard RPSMA-F / SMA-F connectors
 - Compatible with magnetic antennas
- **Applications**
 - Designed for trucks, pick-up trucks and overlord

Specification

Item	
Working Band	Band 12/17 / Band 13 / Band 5 / Band 25/2 / Band 4
UL Frequency Range(MHz)	698-716 / 776-787 / 824-849 / 1850-1915 / 1710-1755
DL Frequency Range(MHz)	728-746 / 746-757 / 869-894 / 1930-1995 / 2110-2155
Supported Standards	5G DSS, LTE, HSPA+, EVDO, WCDMA, GSM
Max Gain	50dB
Max Output Power	UL 24dBm DL 0 dBm
MGC (Step Attenuation)	≥ 25 dB / 1 dB step
Noise Figure	≤ 6 dB
I/O Port	RPSMA-Female / SMA-Female
Inpedance	50 ohm
Power Supply	Input DC12-24V, Output DC12V-24V/3A
Power Consumption	≤ 18 W
Environment	-25 °C to +55 °C (<85% RH)
Environment Conditions	IP40
Dimensions	6.3 x 4.7 x 1.9 in / 160 x 120 48 mm
Weight	≥ 2.6 lbs / 1.2kg
Certification	FCC / ISED

Kit Includes



Booster



Outside Omni
Antenna



Inside Panel
Antenna



Outside 15ft Cable



DC Power Supply



Folding Mount Bracket

Ordering Information



HiBoost | Professional Signal Solutions
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Create a ticket or chat via SignalSupervisor app to find any help you need!