



Hiboost Home Max

70 dB Booster for Large Offices and Residences

Overview

The HiBoost Home Max is engineered for professional installation in large commercial or residential environments. Delivering up to 70dB system gain and coverage up to 7,500 sq.ft, it ensures reliable in-building coverage across all major U.S. and Canadian carriers.

Featuring high-linearity amplifiers and a wide dynamic range, the amplifier delivers clean amplification even in fringe-signal areas. Its built-in antenna ensures easy, hassle-free installation. Touch LCD screen shows everything about the amplifier. Integrated Automatic and Manual Gain Control enable precise optimization, while remote diagnostics via the Signal Supervisor platform streamline maintenance.

Fully compatible with 5G DSS, 4G LTE, and legacy networks for voice and data reliability.



Key Features



- **Performance**
 - Up to 70 dB system gain with high-power uplink for extended tower reach
 - Full-band coverage: Bands 12/17, 13, 5, 25/2, 4
 - Low noise figure (≤ 6 dB) and wide dynamic range for cleaner amplification
 - AGC / MGC enable fine-tuned optimization
 - Consistent throughput for simultaneous multi-user operation
- **Reliability & Compliance**
 - FCC Part 20 / ISSED certified — carrier-safe operation
 - Integrated thermal protection, oscillation detection, and auto-shutdown safeguards
 - 24/7 continuous duty design built for demanding installations
- **Integration & Monitoring**
 - Signal Supervisor remote monitoring (iOS / Android) with live diagnostics
 - LCD touch screen for local control and gain adjustment
 - N-Type connectors, 50 Ω impedance — compatible with professional coax and accessories
- **Deployment Versatility**
 - Supports built-in indoor antenna
 - Ideal for large homes, offices
 - Pairs with high-quality splitters, couplers, and low-loss coax assemblies for scalable systems



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	70dB
Max Output Power	DL 12 dBm
MGC (Step Attenuation)	≥ 25 dB / 1 dB step
Noise Figure	≤ 6 dB typ.
I/O Port	N-Female
Inpedance	50 ohm
Power Supply	Input AC 100-240V, 50/60 Hz, Output DC 12V/3A
Power Consumption	≤ 18 W
Environment	-25 °C to +55 °C (<85% RH)
Environment Conditions	IP40
Dimensions	9.3 x 6.7 x 2 in / 236 x 170 x 50 mm
Weight	≤ 2.65 lbs / 1.2 kg
Certification	FCC / ISED

Ordering Information



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Create a ticket or chat via SignalSupervisor app to find any help you need!