



The "Real" Name in Affordable Mobile and Home Based Cellular Amplification Solutions

FOR USE ON Nextel** SYSTEM

Now there's a solution that significantly extends your wireless phone's range, providing up to 20 mile coverage increase, giving you the maximum power allowed for a wireless phone – the Inteligain Amplifier.

up to
20 Miles
coverage
increase

IBA-NEX



Manufactured under license from Motorola, Inc.

The Inteligain amplifier provides intelligent system control resulting in optimized power levels communicated from the tower to your wireless phone. Responding to the tower control, the amplifier adds just the right amount of power to your phone, making constant adjustments to keep you connected at all times. The full output delivers up to 20 miles of added signal distance in rural areas, often meaning the difference between making and keeping a connection. The Inteligain's signal boost means you get greater service coverage, more successful connections, better call quality, and fewer dropped calls.

THE IBA-NEX amplifier is the original amplifier that works with any iDEN* Motorola handset and is compatible with every U.S. iDEN* provider's system. You never have to change amplifiers when you change phones.

Inteligain allows the tower to control your wireless phone's power levels to optimize system performance. The added signal strength provided by the Inteligain amplifier means more reliable tower handoffs, minimizing dropped calls. The high power output broadcasts digital signals over greater distance so that you have more successful data transmissions too.

*iDEN is a registered trademark of Motorola, Inc. **Nextel is a registered trademark of Nextel Communications, Inc.

How many times has this happened to you?

You're trying to call home, or you're waiting for an important call, but your wireless phone keeps dropping calls or displaying No Service ... another frustrating wireless dead zone. You're not alone. Lack of service, dropped calls and poor connections are the #1 complaints from wireless phone users. Your provider's coverage never seems to keep you connected in all the areas where you need wireless service.

The Solution!

Inteligain IBA-NEX amplifier with Inteligain™ technology, combined with Motorola patented technology, provide optimized communication from your wireless phone provider's network. Making constant adjustments, the amplifier provides just the right amount of power to both your transmitted and received signals to keep you connected at extended ranges or in challenging geographic conditions.



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Keeping you and your Data Connected



Keeping you and your data connected

- Up to 3-watt output delivering maximum signal gain for your wireless phone.
- Works with any iDEN* handset, on any frequency and on any U.S. providers' iDEN* system.
- Unique technology is combined with Motorola patented technology for up to 20 miles of added signal distance.
- More connections in limited service areas.
- Better call quality, extended range, and fewer dropped calls.
- Enhances the transmitting of calls.
- Significantly improves range and reliability for data transmissions.
- Approved by FCC laboratory.

Specifications	TX Uplink/Transmit	RX Downlink/Receive
Frequency Range	806 - 825 MHz	851 - 870 MHz
Output Power	3 Watt @ 813 MHz typical	
TX Gain	6 dB to 29.3 dB, @ 813 MHz	
Rx Noise Figure	7 dB max	7 dB max
VSWR (typical)	2:1	2:1
Maximum Input Power	60 milliwatts	
Input DC Power	10V – 24V, 2 Amps maximum	
Operating Temperature Range	-20°C to 70°C	
Overall Dimensions	5.25" L x 4.5" W x 1.56" H (134mm L x 115mm W x 40 mm H)	
Net Weight	1.36 kg (3 lbs)	
RF Connectors	TNC Female	
Included Items	One 2M (78") DC power cord	
Optional Items	Carrying case, Cigarette Lighter Adaptor, Suction Cup Antenna, AC/DC Adaptor, Phone Interconnect Cable	

This product manufactured under license from Motorola, Inc., "Ipkmot™". This product is produced under the following US and foreign patents; 5815804, 6049704, 4896124, 5060294, 6025753, 6281748, 6496708, 5438684, and EP1035657.

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Please call for your nearest distributor

