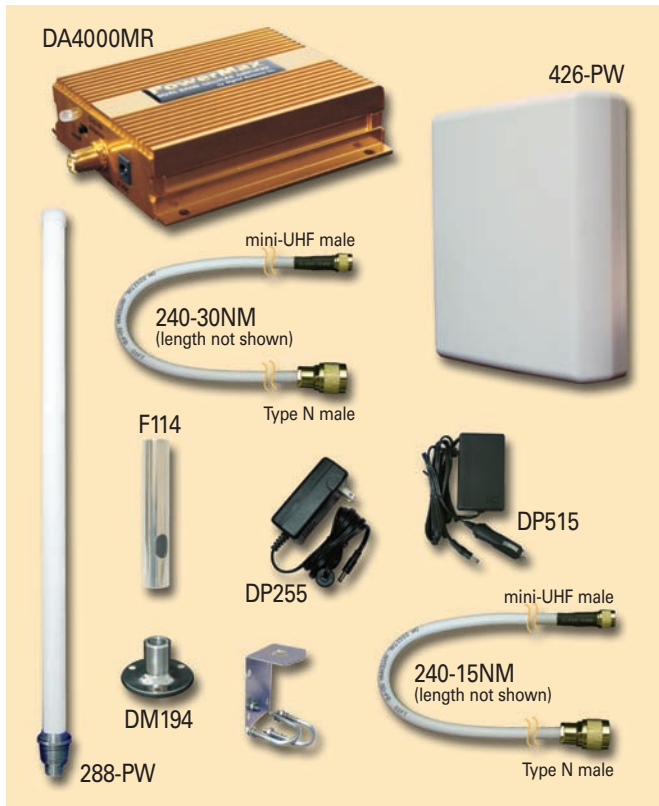


PowerMax™ WIRELESS CELL BOOSTER



50dB GAIN DUAL BAND 3 WATT WIRELESS REPEATER

HOMES | OFFICES | RVs | BOATS with cabins



Complete System #4KMR-30M

FCC & IC approved to amplify all North American cell carriers operating on 850 and 1900 MHz.

* Enhanced distance from inside antenna varies based upon outside cell signal strength. A weaker outside signal results in a smaller distance from inside antenna. For a larger enhanced inside coverage area use ultra low loss cable and/or add a directional outside antenna (for fixed locations only). To use a cell booster, a usable cell signal must be present at the location of the outside antenna.

Get more bars with Digital Antenna's PowerMax™ 4KMR-30M wireless cell booster with directional inside antenna. This new 50dB gain wireless cellular repeater system boosts the signal strength of your cell phones or air cards to 3 watts, improves transmit and receive signals and can be used in a variety of locations. This translates into fewer dropped calls, clearer connections and stronger signals inside your home, office, boat or RV. In addition, Digital Antenna's cell boosters extend the life of your cell phone's battery. For use on all carriers except Nextel or iDEN. Not for use in open console boats.

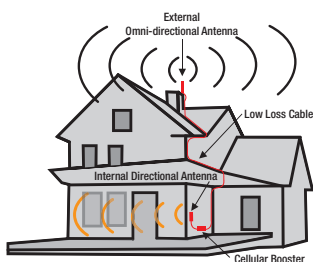
- Mobile Application:** One to two rooms in Home, Office, RV or Boat with Cabin. (not for use in open console boats)
- Range/Performance:** Enhances multiple cell phones up to 25' from inside antenna*
- Advantage:** Wirelessly amplifies up to 20 cell phones in one to two rooms
- Requirement:** 12' separation plus a structure between inside and outside antennas

DUAL BAND: use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or iDEN).

4KMR-30M System Includes:

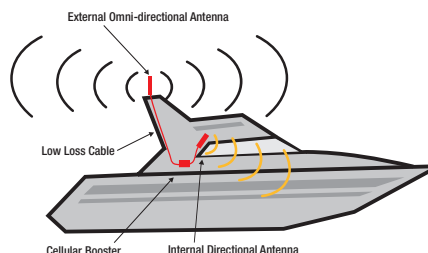
- 40dB gain 3 watt cellular repeater (DA4000MR)
- 30' cable for external antenna (240-30NM)
- 18" external 9dB gain antenna (288-PW)
- Internal 9dB gain directional antenna (426-PW)
- 15' cable for internal antenna (240-15NM)
- 1"-14 threaded mounting ferrule (F114)
- 1"-14 threaded mount (DM194)
- 12 VDC power converter (DP255)
- 110 VAC power supply (DP515)

Home Installation



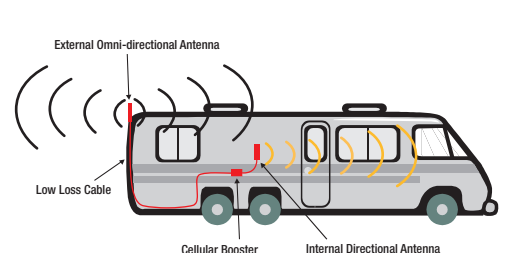
Enhanced signal penetrates up to one interior wall with 50dB gain system.

Boat Installation



Internal antenna must be used inside. Enhances signals inside the cabin only.

RV Installation



Directional inside antenna must face forward, away from external antenna.



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PRODUCT TECHNICAL SPECIFICATIONS



50dB GAIN WIRELESS CELL BOOSTER

MODEL NUMBER: 4KMR-30M

Repeater Unit	P/N DA4000MR
Frequency	Uplink: 824-849 MHz and 1850-1910 MHz Downlink: 869-895 MHz and 1930-1990 MHz
Modulations	All voice and data
Max Output Power	3W (824-849 MHz), 2W (1850-1910 MHz)
IP3	44 dBm
Dynamic Variable Gain	DA4000MR 43dB max
Receive Sensitivity	-125 dBm
Impedance	50 ohms
Noise Figure	<3dB
Power Consumption	Standby 5 vdc/0.5A, Uplink 5 vdc/1.5A
Internal Fuse	5A
FCC Approved	FCC ID: PZOSDA4000SBR
Industry Canada Approved	IC ID: 4260A-DA4000SBR
Dimensions	4.5" l x 4" w x 1.25" h (114 mm x 102 mm x 32 mm)
Weight	11.5 oz (.345 kg)
RF Connections	Outside & Inside Antenna Port: mini-UHF female
DC Power Connector	Coaxial ID = 2.5 mm, OD = 5.5 mm
Indicator	Tri-color LED
Power Switch	Slide switch toward LED = ON

Inside Antenna	P/N 426-PW
Radiation Pattern	Directional
Gain	9dB
Beam Width	H 60° V 55°
Ratio front/back	> 20dB
VSWR	< 1.5:1 @ 850 MHz; < 1.5:1 @ 1900 MHz
Bandwidth VSWR	< 1.5:1 = 810 - 950 and 1800 - 1980 MHz
Impedance	50 ohms
Max Input Power	150 watts
Dimensions	8.5" l x 7" w x 1.7" h (210 x 180 x 43 mm)
Weight	1.5 oz (.7 kg)
RF Connector	Type N female
Wind Rating	N/A
Installation	Supplied wall bracket
Cable	15' DA240 cable with N type male and mini-UHF male P/N 240-15NM

Outside Antenna	P/N 288-PW
Radiation Pattern	Omni-Directional
Gain	9dBi
VSWR	< 1.5:1 @ 850 MHz; < 1.5:1 @ 1900 MHz
Bandwidth VSWR	< 1.5:1 = 810 - 950 and 1800 - 1980 MHz
Impedance	50 ohms
Max Input Power	200 watts
Dimensions	18" l x 1" OD (457 mm x 25.4 mm)
Weight	8 oz (.23 kg)
RF Connector	Type N female
Wind Rating	135 mph
Installation	Included 1"-14 ferrule P/N F114 & mount P/N DM194

Cable	P/N 240-30NM
Length	30'
Impedance	50 Ohm
RF Connectors	Type N male & mini-UHF male attached
Attenuation at 800 MHz	71 dB per 100'
Attenuation at 1900 MHz	11.2 dB per 100'

Power Cable	P/N DP515
Input	9VDC - 24VDC
Output	5VDC 1.5A
Connector	Cigarette Lighter
Cord Length	72" (183 cm)
Output Plug	5.5 x 2.5 x 11 mm

Power Cable	P/N DP255
Input	100-240VAC 50/60 Hz
Output	5VDC 1.5A
Connector	Wall Type
Cord Length	72" (183 cm)
Output Plug	5.5 x 2.5 x 11 mm