

PowerMax™ VEHICLE CELLULAR BOOSTER



40dB GAIN 3 WATT WIRELESS MOBILE REPEATER SYSTEM

CARS | SUVs | VANS | TRUCKS

Experience greater cell phone power, range and reliability in your vehicle with Digital Antenna's award-winning PowerMax™ vehicle cell booster. The PowerMax™ 4KMR-10A boosts your cell phone and air card's power up to 3 watts and increases range up to 20+ miles without a physical connection to your cell phone. The result is clean and clear voice quality with maximum data throughput on all carriers except Nextel or iDEN.

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

4KMR-10A System Includes:

- 3 watt, 40dB gain cellular repeater (DA4000MR)
- 12 VDC power converter (DP515)
- Internal slim patch antenna with 10' cable (CA09P)
- External 3dB gain magnetic mount antenna with 10' cable (CA55M)



Complete System 4KMR-10A



- Mobile Application:** Vehicles with metal roofs (not for use in convertibles or vehicles with composite roofs).
- Range/Performance:** Amplifies cellular signals up to 20+ miles.
- Advantage:** Wirelessly enhances signals of multiple cell phones within a standard vehicle interior.
- Requirement:** 3' separation and a metal roof between inside & outside antennas.

NEW



DC074 Cell Booster Travel Bag

(sold separately)

Convenient travel bag neatly stores cell booster, antennas, and power supply in multi-accessible zipper compartments. Features mesh pockets for venting. Includes carrying handle and shoulder strap.

4KMR-10A List Price: \$499.95

See website for installation instructions www.digitalantenna.com

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



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PRODUCT TECHNICAL SPECIFICATIONS



40dB GAIN 3 WATT WIRELESS MOBILE REPEATER SYSTEM

SYSTEM MODEL NUMBER: 4KMR-10A

Repeater Unit	P/N DA4000MR
Frequency	Uplink: 824-849 MHz and 1850-1910 MHz Downlink: 869-895 MHz and 1930-1990 MHz
Modulations	All
Max Output Power	3W (824-849 MHz), 2W (1850-1910 MHz)
IP3	44dBm
Dynamic Variable Gain	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: PZODA4000SBR
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

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

Outside Antenna	P/N CA55M
Radiation Pattern	Omni-Directional
Gain	3dBi
Bandwidth VSWR	< 1.5:1 = 810 - 950 and 1800 - 1990 MHz
Impedance	50 ohms
Max Input Power	50 watts
Dimensions	3.5" x 1.2" OD max (89 mm x 30.5 mm)
Weight	2.6 oz (.07 kg)
RF Connector	Mini-UHF male
Wind Rating	100 mph
Installation	Magnetic mount - center of metal roof
Cable	10' RG-174 with attached mini-UHF male

Inside Antenna	P/N CA09P
Radiation Pattern	Omni-Directional
Gain	2.5dBi
Bandwidth VSWR	< 1.5:1 = 810 - 950 and 1800 - 1990 MHz
Impedance	50 ohms
Max Input Power	50 watts
Dimensions	2.5" l x 1.2" w x .25" h (140 x 30.5 x 6.4 mm)
Weight	2 oz (.06 kg)
RF Connector	Mini-UHF male
Wind Rating	N/A
Installation	3M tape
Cable	10' RG-174 with attached mini-UHF male

Required Installation Guideline:

Metal roof on vehicle with magnetic mount antenna located in center.
NOT to be used on a convertible or non-metal roof.
Outside signal strength of -70 to -90 dB.