

# 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](http://www.digitalantenna.com)

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



Digital Antenna, Inc.  
[www.digitalantenna.com](http://www.digitalantenna.com)

5325 NW 108th Avenue  
Sunrise, FL 33351

t 954.747.7022  
f 954.747.7088

# PRODUCT TECHNICAL SPECIFICATIONS



## 40dB GAIN 3 WATT WIRELESS MOBILE REPEATER SYSTEM

SYSTEM MODEL NUMBER: 4KMR-10A

<b>Repeater Unit</b>	P/N DA4000MR
<b>Frequency</b>	Uplink: 824-849 MHz and 1850-1910 MHz Downlink: 869-895 MHz and 1930-1990 MHz
<b>Modulations</b>	All
<b>Max Output Power</b>	3W (824-849 MHz), 2W (1850-1910 MHz)
<b>IP3</b>	44dBm
<b>Dynamic Variable Gain</b>	43dB Max
<b>Receive Sensitivity</b>	-125 dBm
<b>Impedance</b>	50 ohms
<b>Noise Figure</b>	<3dB
<b>Power Consumption</b>	Standby 5 vdc/0.5A, Uplink 5 vdc/1.5A
<b>Internal Fuse</b>	5A
<b>FCC Approved</b>	FCC ID: PZODA4000SBR
<b>Industry Canada Approved</b>	IC ID: 4260A-DA4000SBR
<b>Dimensions</b>	4.5" l x 4" w x 1.25" h (114 mm x 102 mm x 32 mm)
<b>Weight</b>	11.5 oz (.345 kg)
<b>RF Connections</b>	Outside & Inside Antenna Port: mini-UHF female
<b>DC Power Connector</b>	Coaxial ID = 2.5 mm, OD = 5.5 mm
<b>Indicator</b>	Tri-color LED
<b>Power Switch</b>	Slide switch toward LED = ON

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

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

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