

# PowerMax™

## ALL-PURPOSE CELL BOOSTERS



### 3 WATT DIRECT CONNECT AMPLIFIER

VEHICLES | BOATS | HOMES | RVs | OFFICES



DA4000

**DA4000 -  
Direct Connect Amplifier**  
*DUAL BAND: use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or iDEN).*



DA4000E

**DA4000E -  
Direct Connect Amplifier**  
*DUAL BAND: use with all European and Asian cell phones operating on 900 or 1800 MHz*

Add increased power and reliability to your cell phone in any application with the PowerMax™ 3 watt cellular amplifier. A direct connect amplifier is the best solution in areas of extremely low outside cellular signal or when optimum data connections are top priority. Cell phone or air card physically attaches to amplifier via an adapter cable. External antenna and adapter cable sold separately. Maximum input power: 2 watts.

**Universal Application:** Vehicles, boats, RVs, cars, homes, offices.

**Range/Performance:** Amplifies Cellular signal up to 50+ miles.\*

**Solution:** Designed for areas of extremely low outside cellular signal and when optimum data connections are top priority.

**Advantage:** Universal use; cell phone or air card physically connects to amplifier via an adapter cable.

#### Direct Connect Amplifiers Include:

- 3 watt dual band amplifier (DA4000 or DA4000E)
- 12 VDC cigarette-style power cable (DP742)
- 2' cable with mini-UHF male connectors (240-02MM)

**NEW**

\*Increased range varies based upon height of outside antenna, type of cable used, cell phone carrier, and location of cell tower. For maximum range, place outside antenna as high as possible using ultra low-loss cable.

### Product Technical Specifications

<b>Amplifier</b>	P/N DA4000 & DA4000E
<b>Frequency DA4000</b>	Uplink: 824-849 MHz and 1850-1910 MHz Downlink: 869-895 MHz and 1930-1990 MHz
<b>Frequency DA4000E</b>	Uplink: 880-915 MHz and 1710-1785 MHz Downlink: 925-960 MHz and 1805-1880 MHz
<b>Modulations</b>	All
<b>Max Output Power</b>	3W (850, 900 MHz bands), 2W (1800, 1900 MHz bands)
<b>IP3</b>	44dBm
<b>Dynamic Variable Gain</b>	15dB Max
<b>Receive Sensitivity</b>	-125dBm
<b>Impedance</b>	50 ohms
<b>Noise Figure</b>	<4dB
<b>Power Consumption</b>	Standby 13.5 vdc/0.18A, Uplink 13.5 vdc/2.5A
<b>Internal Fuse</b>	3A
<b>FCC Approved</b>	FCC ID: PZODA4000
<b>Industry Canada Approved</b>	IC ID: 4260A-DA4000
<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>	mini-UHF female
<b>DC Power Connector</b>	Coaxial ID = 2.1 mm, OD = 5.5 mm
<b>Indicator</b>	Green LED
<b>Power Switch</b>	Slide switch toward LED = ON

<b>Power Cable</b>	P/N DP742
<b>Input</b>	12 VDC
<b>Output</b>	12VDC 3A
<b>Termination</b>	Cigarette Lighter Adapter
<b>Cord Length</b>	72" (183 cm)
<b>Output Plug</b>	5.5 mm x 2.1 mm

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



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