

Portable Dual-Band Cellular Amplifier Kit

TotalPower 200

featuring the SignalReach™ TP200



The TotalPower 200 Dual-Band Transportable Cellular Amplifier Kit provides amplification of transmit and receive signals for improved cellular communications. The signal amplifier reduces problems with signal fades and dropped calls while improving voice quality, service range and access. The amplifier is designed to operate on TDMA, CDMA and GSM mode signals from virtually all cellular service providers in North America using the 824 to 894 MHz and 1850 to 1990 MHz (PCS) cellular bands.

Reduce dropped calls and increase range!

The TotalPower 200 Dual-Band Transportable Cellular Amplifier Kit Includes:

- Signal Reach™ TP200 Dual-Band Cellular Amplifier
- Rugged floridan vinyl case with handle
- 12 volt power adaptor with fused circuit protection
- RF adaptor connectors (Mini-UHF and TNC)
- RF Cable Extension
- Case & amplifier manufactured in North America
- One year warranty on all components

This kit compatible with most cellular phones from:

- Nokia
- Motorola
- SonyEricsson
- Panasonic
- LG
- Kyocera
- Samsung
- Siemens
- Audiovox
- Sendo
- Mitsubishi
- NEC

Required Accessories (not included):

- External dual-band cellular antenna
- External antenna adaptor or handsfree kit with external antenna output

ADDITIONAL ACCESSORIES AVAILABLE FROM YOUR DEALER



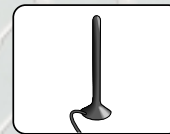
Desk Station provides privacy handset and charging for many popular phone models.



AC Power Supply allows operation of your amplifier in home or office.



Battery and Charger combination allow for true portability of your amplifier.



External Antenna allows substantially improved range. Wide variety of models available.

Amplifier RF Specifications:

Transmit

Frequency Range: 824-849 MHz • 1850-1910 MHz
 Output Power: 3W @ 836.5 MHz typical – 2W @ 1880 MHz typical (ERP)
 Gain: 6dB to 18dB, @ 836.5 MHz • 6dB to 15dB, 1880 MHz
 Minimum Input for Maximum Output Power: 32mW (15dBm) @ 836.5 MHz • 35mW (16dBm) @ 1880 MHz
 Noise Figure:
 Maximum Input Power: 27dBm (500mW) all bands
 VSWR (typical): 2:1

General Specifications:

Power Requirements: 10-24 VDC, 2 Amps maximum
 Nominal Operating Temperature Range: -40 to +70°C (-40 to 158°F)
 Amplifier Dimensions: 5.31"L x 5.98"W x 1.30"H
 Amplifier Net Weight: 3 lbs.
 RF Connectors: (TP200 Amplifier) TNC Female

Receive

869-894 MHz • 1930-1990MHz
 8dB ± 3dB @ 881 MHz • 8dB ± 3dB @ 1960 MHz
 7dB max
 -15dBm (0.03mW) all bands
 2:1

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