

## SPECIFICATIONS

### SOHO850 Mobile Signal Repeater

Device Colour: Black  
Frequency range:  
Uplink: CDMA824-849MHz  
Downlink: CDMA869-894MHz  
Gain (dB)  
CDMA: Up link: 50/45 dB  
CDMA: Down link: 50/45 dB  
Output Power: 17dbm  
Coverage: 500-800m2  
Dimensions: 160 x 121 x 22 mm (L x W x D)

### SOHO900 Mobile Signal Repeater

Device Colour: Silver  
Frequency range:  
Uplink: GSM890-915MHz  
Downlink: GSM935-960MHz  
Gain (dB)  
GSM: Up link: 50/45 dB  
GSM: Down link: 50/45 Db  
Coverage: 500-800m2  
Output Power: 17dbm  
Dimensions: 160 x 121 x 22 mm (L x W x D)

### SOHO850/1900 Mobile Signal Repeater

Device Colour: Black  
Frequency range:  
Uplink: CDMA824-849/PCS1850-1910(MHz)  
Downlink: CDMA 869-894/PCS1930-1990(MHz)  
Gain (dB):  
CDMA/PCS Up link: 50/45  
CDMA/PCS Downlink: 50/45  
Output Power: 17dbm  
Coverage: 500-800m2  
Dimensions: 160 x 121 x 22 mm (L x W x D)

## MOBILE COVERAGE SOLUTION SPECIALISTS

Powertec Telecommunications is an Australian company that supplies telecommunications solutions to individuals and businesses around the world.

Powertec introduced a range of Booster and Repeater products in 1998, which are now shipped to over 70 countries.

Today Powertec supplies large multinational companies, government departments, defense, emergency services, small to medium size businesses and individuals, with mobile signal enhancement solutions and products for Wireless Local Loop.



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## SOHO Repeater Series

Mobile  
Coverage  
for  
Homes  
Offices  
Car parks  
Basements  
Warehouses



## SOHO Indoor Repeaters

OFFERING PERFECT MOBILE COVERAGE IN YOUR HOUSE OR OFFICE

If you suffer from poor mobile reception inside your home or office you will understand the frustration a lot of us go through. Having to go outside to make a call, a call dropping mid way through a conversation, and slow internet are the most common issues we have. Have you ever wished you could bring the outside signal into your home or office, with the **Powertec SOHO Repeaters** you can now do this.

The **Powertec SOHO Repeaters** are specifically designed to rebroadcast mobile signals inside a building for mobile voice and internet devices. The system uses an outside directional antenna to collect the best signal possible. The signal is then transmitted to the repeater unit, which amplifies the signal, and retransmits via an indoor antenna throughout your home or office.

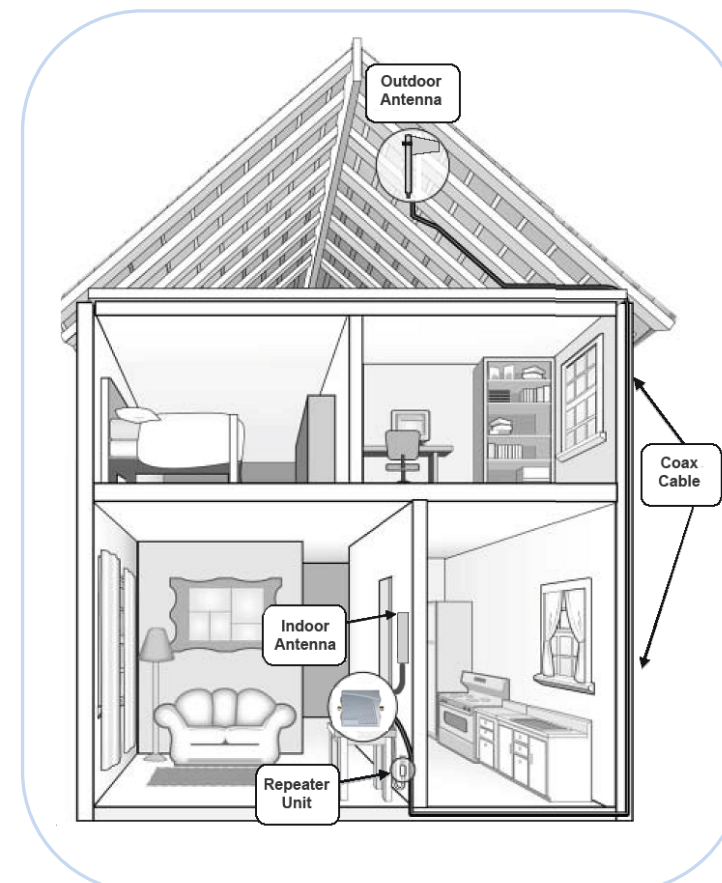


### FEATURES

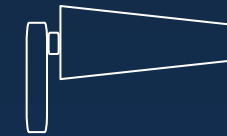
- MODELS FOR ALL MOBILE PROVIDERS
- GSM AND 3G SUPPORT
- 850, 900, 850/1900 MHZ MODELS
- 17DB GAIN SIGNAL AMPLIFICATION
- COVERAGE FOR 1-2 ROOMS
- WIRELESSLY TRANSMITS INDOORS
- UP TO 5 MOBILE DEVICES SUPPORTED
- SUITABLE FOR MOBILE PHONES.
- SUITABLE FOR MOBILE INTERNET
- COMPACT SIZE
- INCLUDES ANTENNAS & CABLES

## Indoor Mobile Coverage for mobile phones and mobile internet

### REPEATER SETUP



### REPEATER CONTENTS



### OUTDOOR ANTENNA

The outdoor antenna is used to gather the signal from the mobile network. This directional antenna is mounted on the roof of a building and pointed towards the nearest mobile phone tower. The outdoor antenna comes supplied with a 10m cable that is run down inside the building and connected to the repeater unit.



### REPEATER

The repeater unit is required to first amplify the mobile signal and then disburse it to the indoor antenna. The repeater is placed inside the building and connected to power. There are several models of repeaters depending on what mobile service provider you are using.



### INDOOR ANTENNA

The indoor antenna is connected to the repeater and disburse the signal within the building. The antenna is mounted on the wall facing towards the area you require coverage. Generally mobile coverage will be one to two rooms depending on the strength of the outside signal.

**IMPORTANT:** Before using a repeater please check with your local government regulator or service provider as to whether a repeater can be used on the local mobile network.