

Home signal booster GSM 4G Repeater

<http://kunruo.com/> <http://repeater.com.cn/>

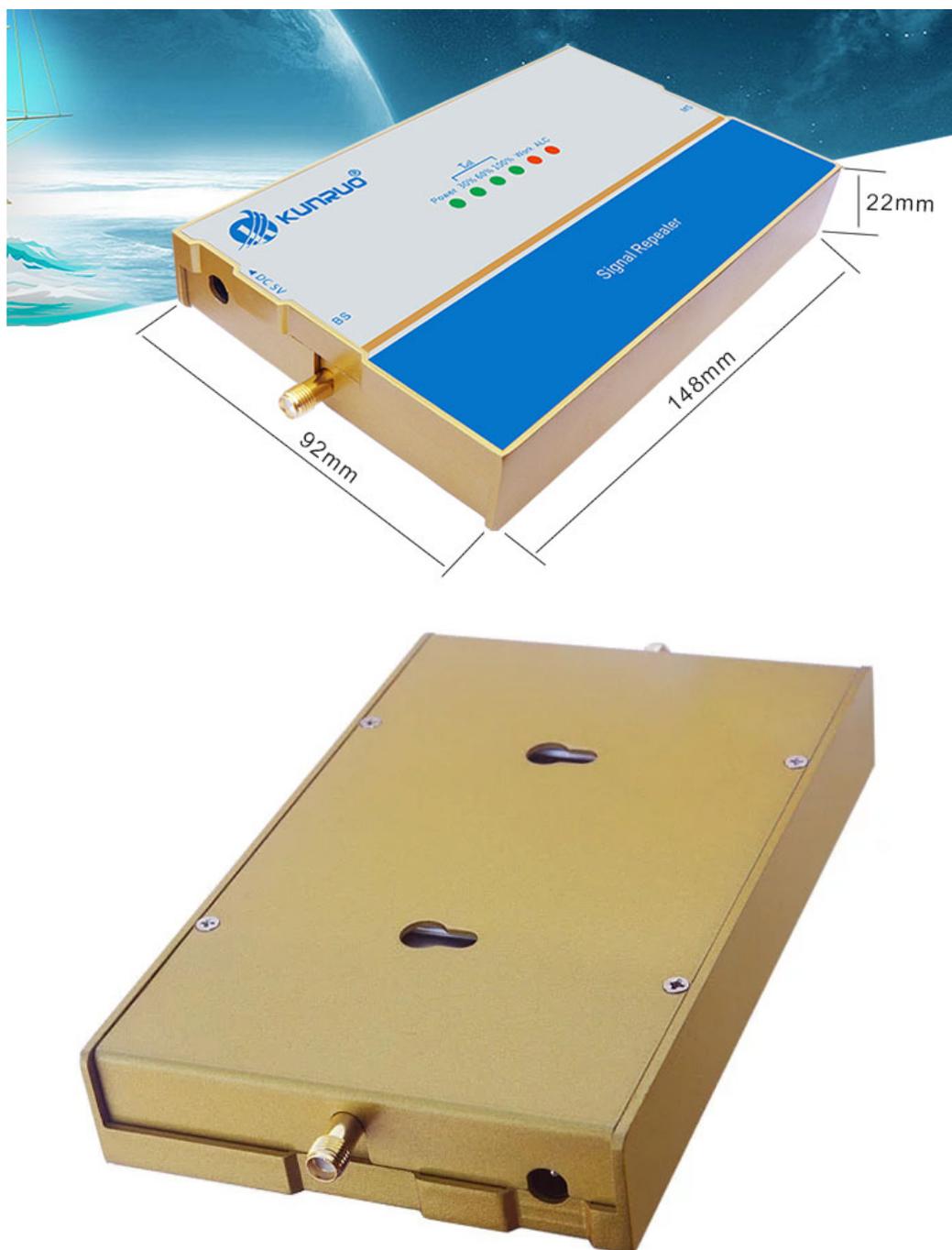
Product patent NO.:303906800S

This signal repeater is a high-quality item customized by Kunruo for engineering small-scale environment and home users.

The product using multi-grid aluminum shell design process, and excellent electronic components are selected to ensure the quality and stability.

Excellent technical indicators, which can be used by telecommunication operators and tendering etc professional-level users.

Covering area: if less than 1000 square meters, it can with 1-4 indoor antennas.



Technical

Frequency (MHz)	GSM900	GSM850	DCS1800	TD-F
	890-915 935-960	824-849 869-894	1710-1785 1805-1880	1880-1920
Model	KR17G	KR17C	KR17D	KR20TF
Indoor antenna	1-5pcs	1-5pcs	1-4pcs	1-6pcs
Covering area	1000 m ²	1000 m ²	800 m ²	1200 m ²
Output power	17±1dBm	17±1dBm	17±1dBm	20±1dBm
dBm-W	0.05W	0.05W	0.05W	0.1W
Gain	70±2dB			
power consumption	power consumption: <4W			
Dimensions	148*92*22mm			
Weight	0.66KG			
Connector	SNA-Female			
ALC	>25dB			
VSWR	<2.0			
Noise Figure	<3dB			
Inter-modulation	>-45dBc			
In-band Ripple	<5dB			
Impedance	50Ω			
Power Supply	AC : 110V-240V DC : +5V/2A			

Two packaging options:

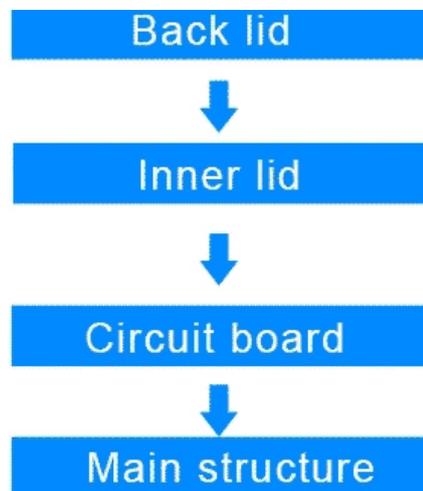
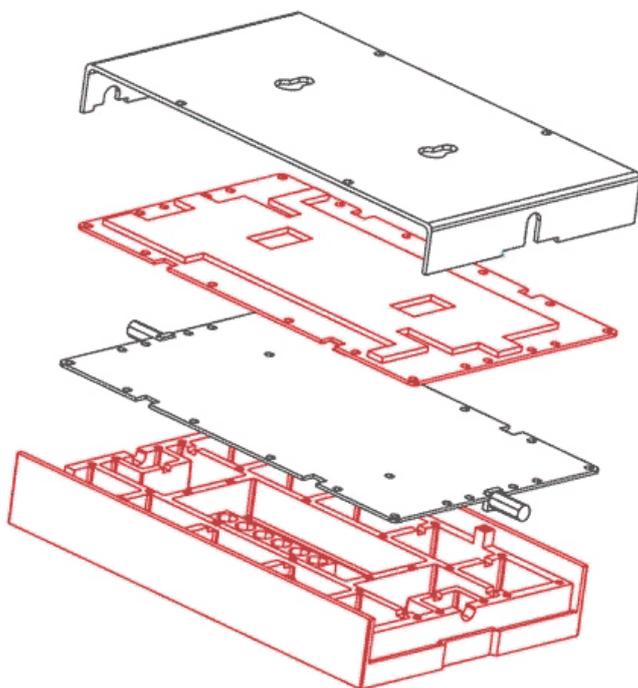
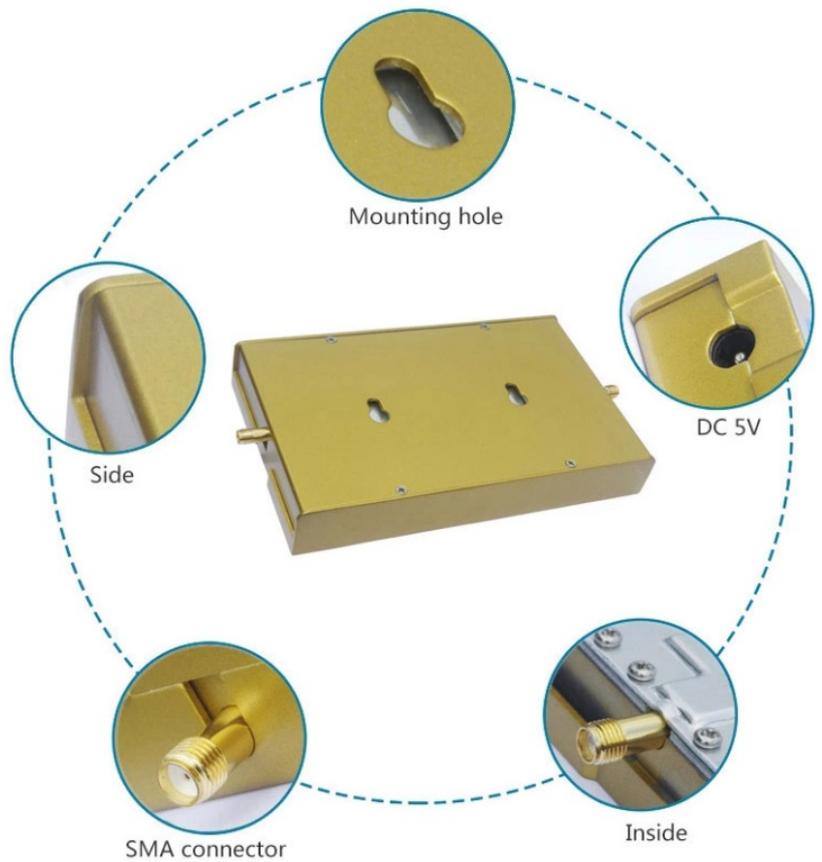


Option 1	Standard Package
Repeater	1set
Plate antenna	1set, gain:7dBi
Sucker antenna	1pcs,gain:5dBi
Cable	15m,
power adapter	1pcs,dc 5v2A
Packing weight	1.95kg
Packaging size	290*195*178mm

Option 2	High Gain Package
Repeater	1set
Plate antenna	1set, gain:7dBi
Logarithmic antenna	1set , gain:11dBi
Cable	15m and 5m,
power adapter	1pcs,DC:5V2A
Packing weight	3.2kg
Packaging size	450*220*175mm

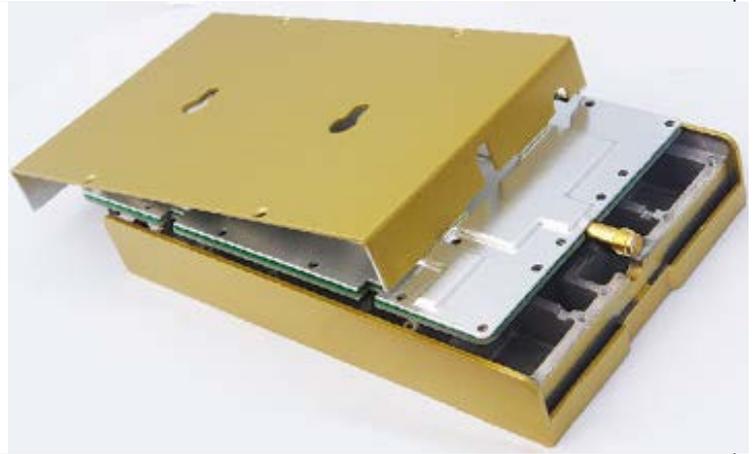


Detailed Images



Three-layer aluminum housing design.

The shell technology is one of the important factors to measure the quality of mobile signal amplifiers. The better the shielding effect of the housing, the smaller the signal interference of the signal amplifier and the life of host is longer. As small interference signal host, under the same output power, but with stronger the penetration ability of the wall.



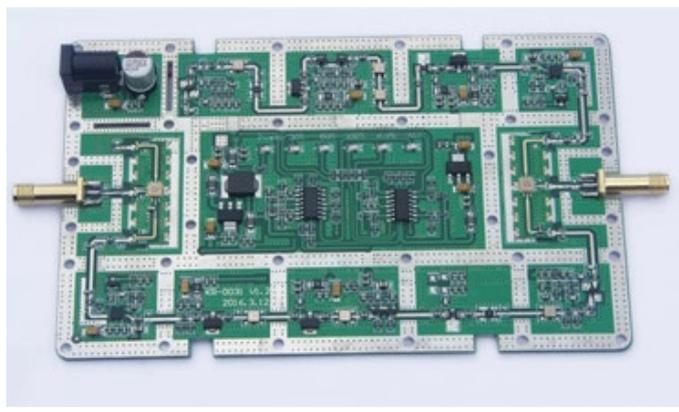
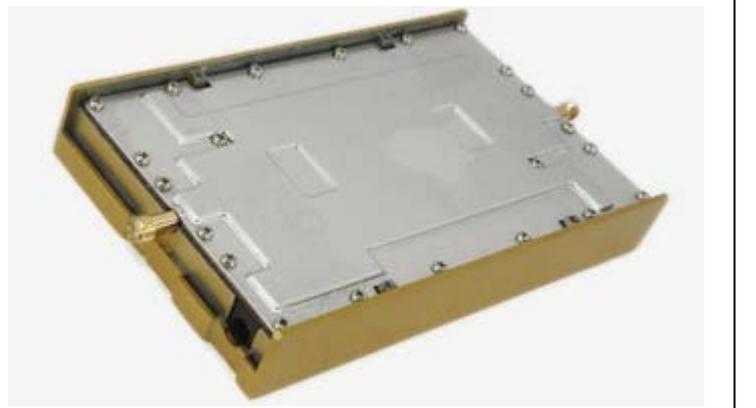
Multi-shield design.

This is the aluminum shell structure customized to the single-frequency mainframe for 17-20dbm power.

Separate the amplifying signals at all levels in the circuit, and the amplifier circuits at various levels do not interfere with each other, and solve the problem of internal self-excitation. Also, the aluminum shell has excellent heat dissipation effect, and the host can work normally for a long time in hot temperature

Internal shield of GSM850/GSM900

Place the circuit board between two fully sealed aluminum sheets.

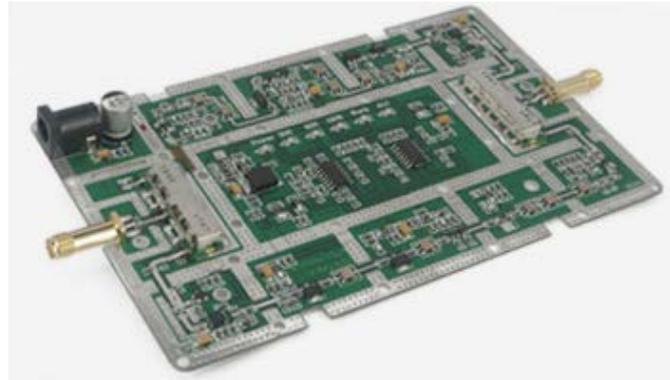
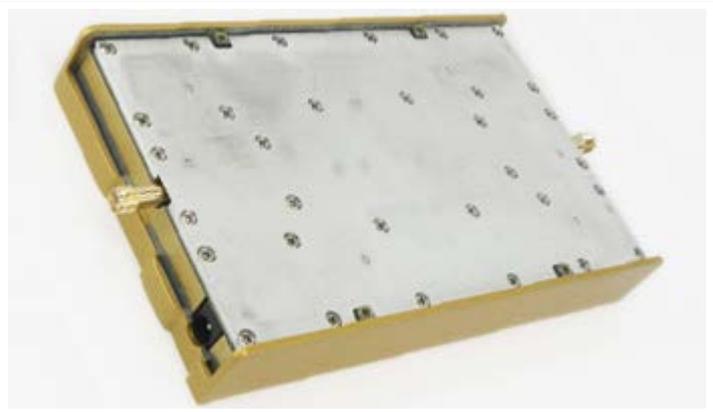


PCBA of GSM850/GSM900/CDMA800

KUNRUO mainly produces commercial and engineering signal amplifiers, always put the quality at the first. customized for all chinese retailers and traders.

**Internal shield of
1800MHz/1900MHz/2100MHz.**

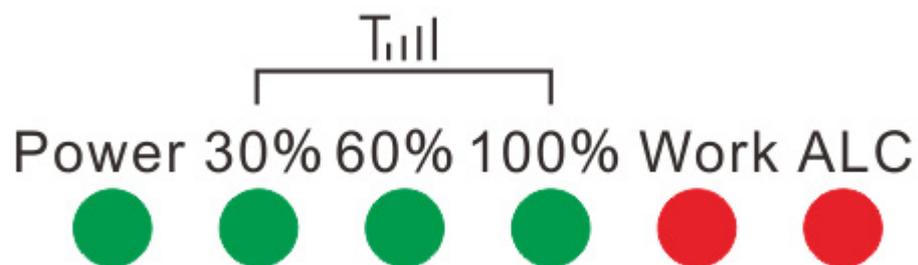
We use the CNC process to customize the aluminum block for high frequency host. Seal the circuit board between the CNC aluminum block and the aluminum housing.



PCBA of 1800MHz/1900MHz/2100MHz.

Circuit board is the core part of a host. we choose high quality components and combine with the high technology shell to produce the leading products of the industry.

Indicator Light.



Power: If the LED is lighting, means the repeater is connected to a power supply.

Signal: 30% LED lighting means output power reach to 30%, 60% LED lighting means output power reach to 60%. 100% LED lighting means output power reach to 100%.

Work: The Work LED only lighting means the cellphone is working, otherwise the outdoor antenna is too near to indoor antenna made a radio frequency interference.

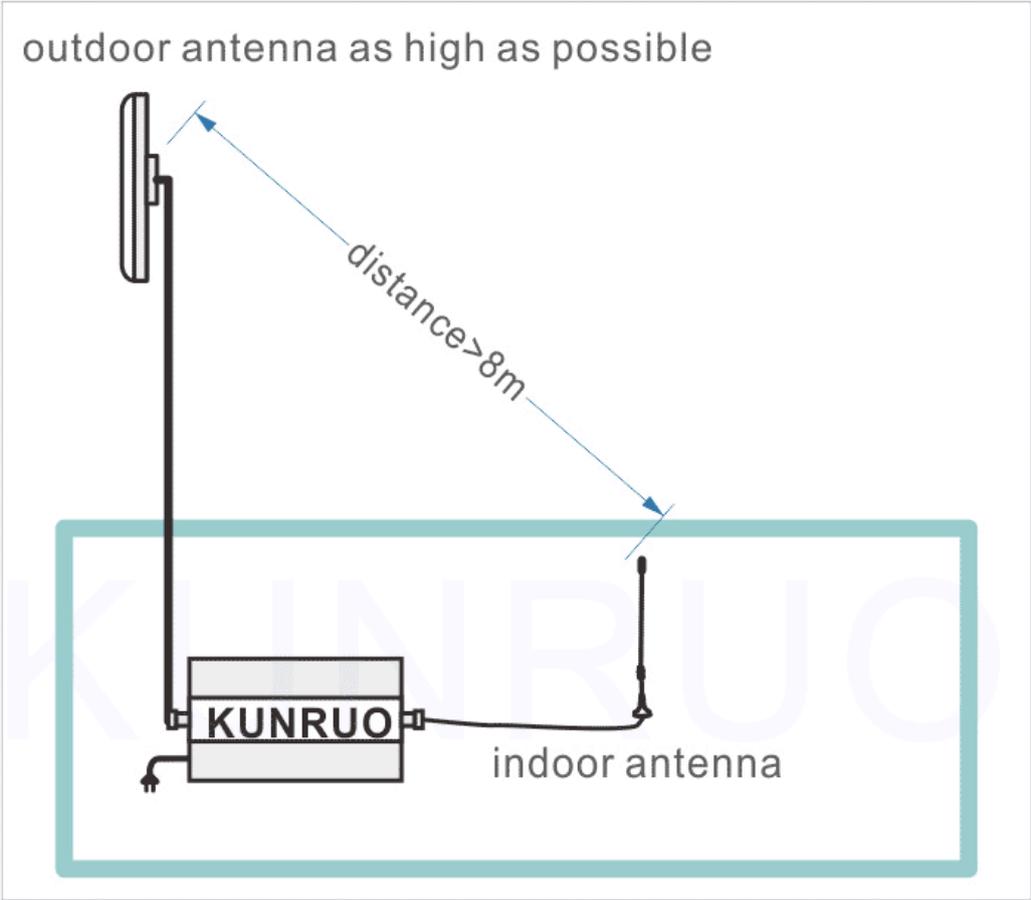
ALC: Automatic Level Control >10dB, the ALC LED is lighting.

BS: (Base Station): connect outdoor antenna.

MS: (Mobile Station): connect indoor antenna.

Installation

The distance between the outdoor antenna and indoor antenna is at least 8 meters.



Try to share only one outdoor antenna when multiple signal repeaters need to be installed.

