
GSM900 Frequency Shifting Repeater From <http://www.jammerbooster.com/>

MODEL:	KR-4390-GS
SIZE:	630*400*230mm
PACKAGE:	Neutral packing

GSM900 Frequency Shifting Repeater

Model: KR-3090-GS(Donor Unit) / KR-4390-GS (Remote Unit)

The GSM Frequency Shift Repeater is designed to solve problems of weak mobile signal, which can expand more coverage than RF repeater and reduce investment for the areas where fiber optic or dedicated cable is not allowed.

The system consists of two parts: Donor Unit and Remote Unit. The Donor Unit receives the BTS (Base Transceiver Station) signal via open air RF transmission or direct coupler closed to BTS, then converts it from the working frequency to the link frequency, and transmits the amplified signal to the Remote Unit that will reconvert the signal to the working frequency and provide the signal to the areas where network coverage is inadequate. And the mobile signal is also amplified and retransmitted to the BTS via the opposite direction.

Features

- n Aluminum-alloy casing with IP65 protection has high resistance to dust, water and corroding
- n Best solution to eliminate mutual interference due to sharing the same frequency
- n No stringent isolation requirement for antenna installation
- n Easy to choose installation site

- n USB port provides a link to a notebook for local supervision or to the built-in wireless modem to communicate with the NMS (Network Management System) that can remotely supervise repeater's working status and download operational parameters to the repeater

Applications

To expand signal coverage or fill signal blind area where signal is weak or unavailable.

Outdoor: Airports, tourism regions, golf courses, tunnels, factories, mining districts, villages, etc.

Indoor: Hotels, exhibition centers, basements, shopping malls, offices, parking lots, etc.

Specifications

Working Frequency	Uplink	890~915MHz (customized)	
	Downlink	935~960MHz (customized)	
(customized)			
Link Frequency (customized)		Customized	
Transmission Distance		? 20km	
Working Bandwidth		2~25 MHz (Customized)	
Frequency Error		? 0.05ppm	
Downlink Input Level		Wireless access: ? -70dBm	
Output Power	Uplink	? 33dBm	? 30dBm
	Downlink	30dBm	43dBm
Voltage Standing Wave Ratio			