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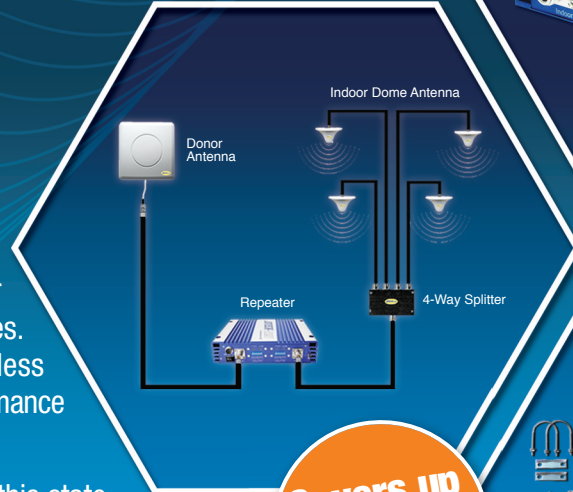
JD60-4-DB (4 Antenna) Cellular Repeater Kit

» Are you frustrated because of weak cellular reception?
Loss of business and missed social opportunities?

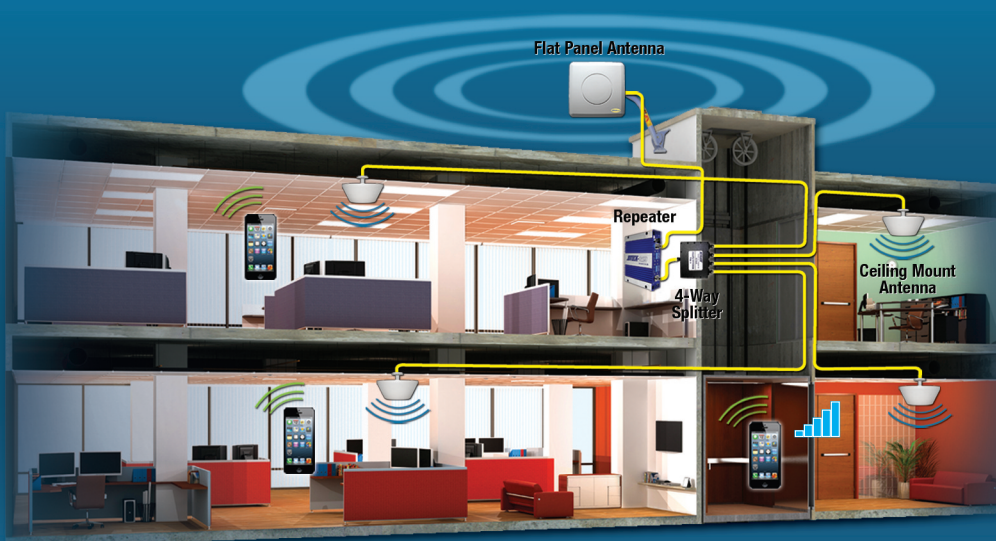
**You don't have
to live with it!**

The JD60-4-DB Cellular Repeater Kit from JDTECK is a carrier-grade quality product for solving your poor indoor cellular reception issues. Packed with all the advanced features for seamless network integration, this kit provides superior performance over any other brand on the market.

To maintain safe and specific output signal levels, this state-of-the-art repeater has built-in Automatic Gain Control (AGC) for both uplink & downlink channels as well as Automatic Limit Control (ALC) circuits which automatically control the gain of the repeater within a 15dB range. In addition, it also has built-in attenuation dip switches that allow you to manually attenuate (fine tune) the uplink or downlink channels individually with the use of a color changing LED indicator. A MUTE auto shutdown feature is also included.



Covers up
to 18,000
sq ft.!



Main Features

- Industry Leading Dual Band Repeater
- 65dB Gain / 15dBm Output Power
- FCC Approved. ID: SQX-JD60-DB-819
- 18 Months Warranty
- 30 Day Money Back Guarantee
- **MUTE** - Auto Shut Down if oscillation is detected
- MGC: Manual Gain Control (Uplink & Downlink)
- Transparent to Transmitting Tower in Area
- Coverage Area - (12,000 - 18,000 sq ft)
- Supports 90-240 Volts
- Alarm LED's for Error Detection
- Supports Any Cellular Device (Voice & Data)
- Fully expandable to cover much larger areas
- Automatic Gain Control Feature
- Carrier Grade Performance & Quality
- Supplied with 4 Ceiling Mount Dome Antennas
- Free! - Phone Tech Support
- Easy to Install
- Sold as a complete kit

Product Approvals By:



Industry
Canada



JD60-4-DB Full Duplex Cellular Repeater

The **JD60-4-DB Dual Band Cellular Repeater** is a high powered, gain perfect for providing wireless coverage inside a large home, office building, underground parking lot, VIP room, etc... This unit conveniently supports two frequency bands in one base unit, and makes deployment for any two quick and simple. This unit is also equipped with a MUTE auto shutdown feature.



Frequency & Operating

Model		Uplink	Downlink
JD60-4-819	CELL	824~849 MHz	869~894 MHz
	PCS	1850~1910 MHz	1930~1990 MHz
JD60-4-918	GSM900	890~915 MHz	935~960 MHz
	DCS	1710~1785 MHz	1805~1880 MHz
JD60-4-921	GSM900	890~915 MHz	935~960 MHz
	WCDMA	1920~1980 MHz	2110~2170 MHz
Filter Bandwidth		GSM & CDMA 25MHz PCS 60MHz AWS 45MHz LTE 11MHz	
Max total output power		≥15dBm	≥15dBm
Max. Gain		≥65dB	≥65dB
Gain Flatness		CDMA & GSM: ≤5dB, PCS & DCS: ≤8dB AWS ≤6dB, LTE ≤3dB	
AGC Range		≥15dB - Auto shut off after 15dB (MUTE)	
Maximum Input Power		0dBm	
Gain Control Range(MGC)		≥31dB in step of 1dB by Dip Switch	
V.S.W.R		≤2	
Intermodulation	9KHz~1GHz≤-36dBm	9KHz~1GHz≤-20dBm	
	1GHz~12.75GHz≤-30dBm	1GHz~12.75GHz≤-20dBm	
Spurious Emission		9KHz~1GHz≤-36dBm 1GHz~12.75GHz≤-30dBm	
Spurious Emission Mask		Complies with 3GPP TS 25.106	
Modulation Accuracy		Complies with 3GPP TS 25.106	
Peak Code Domain Error		Complies with 3GPP TS 25.106	
Frequency Stability		≤0.01 ppm	
ACPR		≥30dB @±5MHz&±10MHz	
Noise Figure (@ max gain)		≤6dB	
Group Delay		≤4.5 micro Sec	
Impedance		50Ω	

Mechanical

Power Supply	Input 90- 264 VAC, 50 Hz, transformer: 12V/5A
Cooling	Heat Sink Convection Cooling
Power Consumption	< 35W
Operating Temperature	-10° ~+50°C (14F ~ 122F)
RF Connector	N Female
Weather Proof	IP40
Dimension	250 x 145 x 53mm (9.84" x 5.70" x 2")
Weight	≤3.2Kg (7.1Lbs)
LED Alarm	Standard
Power LED	Power Indicator
ALC LED	Amber @ ALC 1~5dB, Red @ ALC 15-20dB
	LED off after 5 seconds red color



Product Approvals By: