

<<< User Manual

Cell phone amplifiers

KW17L-CP

lintratek



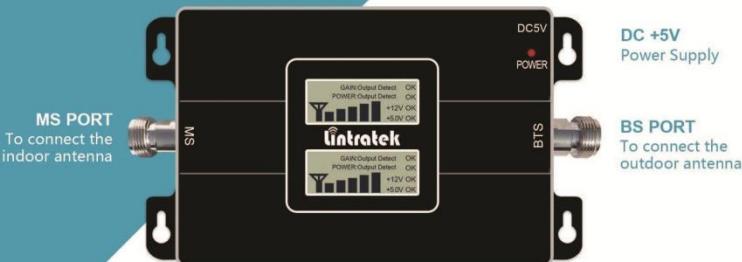
Our vision : Let the world no signal blind area

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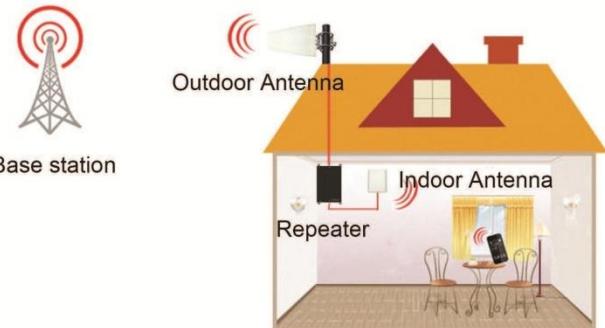
Foshan lintratek Technology Co., Ltd.

Model No :

KW17L-CP



Model No		KW17L-CP	
Parameter data		Uplink	Downlink
Frequency	CDMA+PCS	824~849/1850~1910 MHz	869~894/1930~1990 MHz
Output Power		13 ±2dBm	17 ±2dBm
Gain			65 ±2 dB
Bandwidth			25M+60M / 25M+80M
Ripple in Band			≤1dB
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
VSWR			≤1.4
MTBF			>50000 hours
Power Supply	AC: 100~240V, 50/ 60Hz; DC: 5V 2A		
Power Consumption	< 10W		
Impedance	50 ohm		
Mechanical Specification			
RF Connector	N-Female		
Dimensions (D*W*H)	190*110*20 (mm)		
Net weight	< 0.5Kg		
Packing size (D*W*H)	240*140*80 (mm)		
Gross weight	< 0.64Kg		
Installation Type	Wall Installation		
Environment Conditions	IP40		
Humidity	< 90%		
Operating Temperature	-10°C ~ 55°C		



Step 1: Install the outdoor antenna LPDA antenna on the top of building or other good signal places. Please ensure it is towards to base station or cell tower, which can receive very good signal(better than -70dBm).

Step 2: Connect the outdoor antenna to the signal repeater BS Port by cable. The joint of outdoor antenna and cable should be wrapped well with waterproof tape.

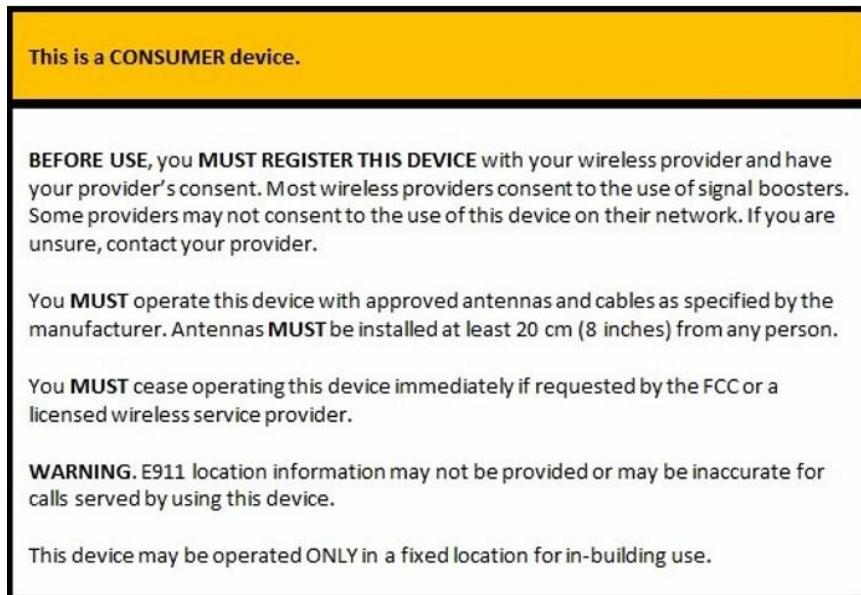


Step 4: After finish installed all kits then check carefully whether all cables connectors tightly. Then, please plug in the power supply.

Attention: Indoor antenna and outdoor antenna should be separated by a brick wall. To avoid self-oscillation phenomenon.

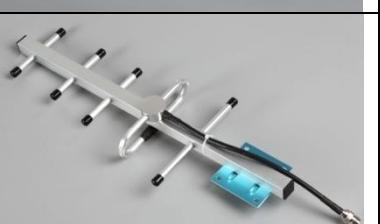
Installation

Consumer booster warning label:



(1) Usage of unauthorized antennas, cables, and/or coupling devices may result in poor effect and, in severe cases, equipment damage.

(2) a complete list of authorized antennas, cables, and/or coupling devices:

	Name	Model	Gain/Loss	Photo
Indoor Antenna	Panel Antenna	IBG-8NK-80/250	5dbi @824-894MHz 5dbi @1850-1990MHz	
	Ceiling Antenna	IXD-3NK-80/250	3.5dbi @824-894MHz 3.5dbi @1850-1990MHz	
Outdoor Antenna	Log-periodic Antenna	ODS-10NK-80/250	5dbi @824-894MHz 5dbi @1850-1990MHz	
	Yagi Antenna	OBM-5NK-82/96	3dbi @824-894MHz 3dbi @1850-1990MHz	
cable	Coaxial cable with N male connector	PTE-3D-FB-5NB	3dbi @824-894MHz 3dbi @1850-1990MHz	

(3)the default antenna, cable, and/or coupling device that are shipped with the booster Log-periodic Antenna, Panel Antenna and CoaxialCable.

(4) The antenna is equipped with a U-shaped mounting bracket. The log-periodic antenna should be installed in a place with good outdoor signal. The panel antenna should be installed indoors and near the main device. If the amplification effect is not good after the installation is completed, the direction of the log-periodic antenna can be gradually adjusted to achieve better effect.

(5) Contact information for providers:

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Phone: 86757-82808302; Fax:86757-82808302

(6) The device has automatic sleep function, strong anti-interference ability, over-power protection function, good heat dissipation design, and no radiation. The working noise is as low as 6DB.