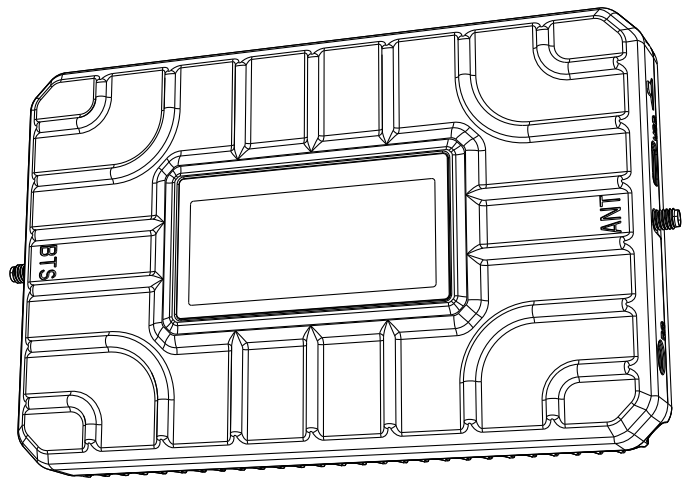


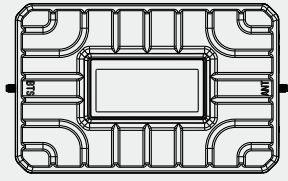
S///ART BOOSTER

Cell Phone Signal Booster

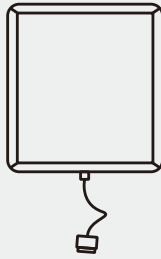
Quick Start Guide T5-A



Package Contents



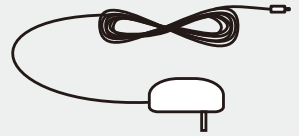
Signal Booster
X1



Outdoor Antenna
X1



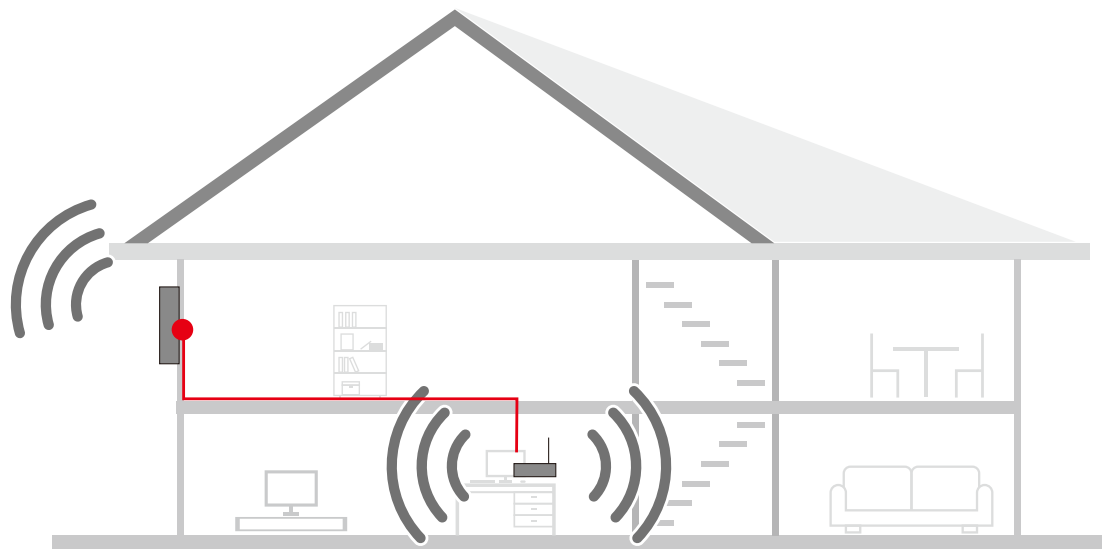
Indoor Whip
Antenna
X1



Power Supply
X1



How It Works

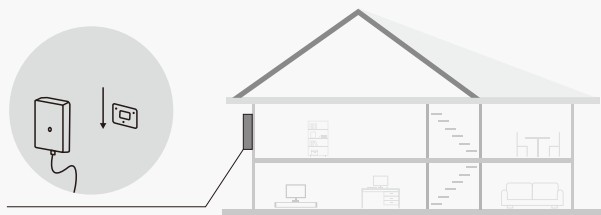


If you do not have any installation experience,
please read the detailed installation guide within the manual.

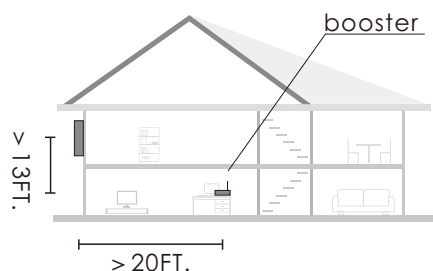
① Find the outdoor area with Strongest Signal



② Install the outdoor Antenna

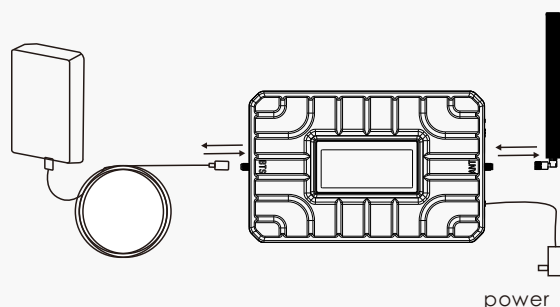


③ Install the Booster

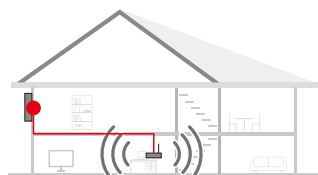
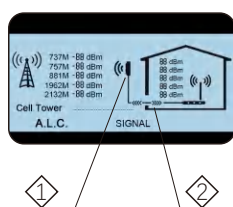


PAY ATTENTION TO SELF-OSCILLATION*

④ Connect the System



⑤ Check the Coverage and Optimize



①

1)Walk around your house with your cell phone, search for the place where your phone gets the strongest signal reception, at least 3-4 signal bars.

2)Make a few phone calls there to check the call quality, if it is clear and stable, that will be an ideal position to place the outdoor antenna.

②

Install the outdoor antenna on the wall near the location you found in Step 1. Make sure the antenna points towards the direction on where your cellular operator's tower is.

To prevent lightening, the height of the outdoor antenna should be lower than the highest point of your house.

③

Place the Booster at where strong signal is needed most.

*The Outdoor Antenna should be as far away as possible from the Indoor Antenna.
Minimum separation : 20 Feet Horizontal and 13 Feet Vertical.

④

Connect the Outdoor Antenna cable with "BTS " port on the cellular signal booster, and connect the Indoor Whip Antenna with "ANT" port on the booster. Then power on the booster and check the coverage.

⑤

It shows the outdoor signal strength your booster picked up from outside. The more bars you get, the better coverage the booster will produce. Try to get at least 2 bars, 3 bars will be the best.



The arrows represent the isolation between outdoor antenna and indoor antenna. When flashing, it reminds you the separation between antennas are not enough. Try to increase more distance between antenna and make sure the antennas are not facing to each other.

Product Specifications

Model: T5-A

Network: AWS-1/Cellular/Low A-E Blocks/700 MHz Upper C Block/Broadband PCS

Model No.	Smart Booster S5-A				
Working Band	Low A-E Blocks	700 MHz Upper C Block	Cellular	Broadband PCS	AWS-1
UL Frequency Range (MHz)	699-716	777-787	824-849	1850-1915	1710-1755
DL Frequency Range (MHz)	729-746	746-756	869-894	1930-1995	2110-2155
Maximum Gain	UL: 70±3 dB, DL: 70±3 dB				
Maximum Output Power	UL: 22±1, DL: 10±1 dBm				
AGC Range	≥30dB				
Ripple in Band	≤7dB				
Impedance	50 ohm				
Weight	Booster Device ≤2.0Kg				
	Whole Kit ≤5 kg				
Dimension	180 × 120 × 25 m				
Power Supply	AC: 100-240 V, 50/60Hz, Output DC 5V/3.5A				
Environmental Condition	Booster: IP40				
	Antenna: IP65				

- (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 Whip Antenna(default)	/	9dbi@698-2700MHz	
Outdoor Antenna(default)	IBG-9NJ-70/270-2	10dbi@698-2700MHz	

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

(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) 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.

CPC-2-1-05 — Zone Enhancers - Spectrum management and telecommunications <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08942.html>

Warning: Unauthorized antennas/cables and/or coupling devices are prohibited by FCC rules. Please contact FCC for details: 1-888-CALL-FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

The antenna for the device must be installed to comply with the 10 meter above ground maximum antenna height limitation

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

This is a CONSUMER device.

BEFORE USE, you must meet all requirements set out in CPC-2-1-05.

This device MUST ONLY be operated with approved antennas and cables as specified by the manufacturer. Antennas must be installed in a way where the minimum separation distance between the antennas and a user (or bystander) specified by the manufacturer is ALWAYS maintained. In order to reduce oscillations it is recommended that sufficient separation distance is maintained between the donor and server antennas of the zone enhancer system. You MUST cease operation of this device immediately if requested by ISED or a licensed wireless service provider.

WARNING: E911 location information may not be provided or may be inaccurate for calls served by using this device.

Ce produit est un appareil GRAND PUBLIC.

AVANT DE L'UTILISER, vous devez vous conformer à toutes les exigences établies dans la CPC 2-1-0.

Cet appareil NE DOIT ÊTRE UTILISÉ qu'avec des antennes et des câbles approuvés, conformément aux indications du fabricant. Les antennes doivent être installées de manière à ce que la distance minimale de séparation entre les antennes et un utilisateur (ou un passant) spécifiée par le fabricant soit TOUJOURS respectée. Afin de réduire les oscillations, il est recommandé de maintenir une distance de séparation suffisante entre les antennes du donateur et du serveur du système d'enrichisseur de zone. Vous DEVEZ cesser d'utiliser cet appareil immédiatement à la demande d'ISDE ou d'un fournisseur de services sans fil autorisé.

AVERTISSEMENT: Les informations relatives à la localisation pour le service E911 peuvent être non fournies ou inexactes pour les appels transitant par cet appareil. This device may operate in a fixed location only, for in-building use.

Cet appareil peut fonctionner seulement à un emplacement fixe à l'intérieur d'un bâtiment.

label:

Cellular : Uplink: 824MHz - 849MHz, Downlink: 869MHz - 894MHz
AWS-1 Uplink: 1710 - 1755MHz, Downlink: 2110 - 2155MHz
Broadband PCS Uplink: 1850-1915MHz, Downlink: 1930-1995MHz
Low A-E Blocks: 699-716MHz, Downlink: 729-746MHz
700 MHz Upper C Block: 777-787MHz, Downlink: 746-756MHz
Product: Cell Phone Signal Booster Model: T5-A
FCC ID: 28B6MT5-A IC : 31014-T5A Made in China
the antenna for the device must be installed to comply with the 10 meter above ground maximum antenna height limitation
This is a CONSUMER device.
BEFORE USE, you MUST REGISTER THIS DEVICE with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters.
Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider.
In Canada, BEFORE USE you must meet all requirements set out in ISED CPC-2-1-05.
You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST be installed at least 20 cm (8 inches) from (i.e., MUST NOT be installed within 20 cm of) any person.
You MUST cease operating this device immediately if requested by the FCC (or ISED in Canada) or a licensed wireless service provider.
WARNING. E911 location information may not be provided or may be inaccurate for calls served by using this device.
This device may be operated ONLY in a fixed location (i.e., may operate in a fixed location only) for in-building use

CPC-2- 1-05 – Zone Enhancers - Spectrum management and telecommunications

<https://ised-isde.canada.ca/site/spectrum-management-telecommunications/en/learn-more/key-documents/procedures/client-procedures-circulars-cpc/cpc-2-1-05-zone-enhancers>

CEREVO TECHNOLOGY LIMITED

F22, Tower B, RuiChuangGuoJi Plaza, No.8 WangJing East Road, Chaoyang District, Beijing, China 100102

Contact: Esson Diao

Tel: 18218747363

Email: 619991099@qq.com

S///ART BOOSTER

