

# **Fusion5X Max**

Cellular signal booster kit for the Home or Office



Thank you for purchasing SureCall's Fusion5X Max cellular signal booster kit. SureCall's Fusion5X Max was specifically designed to eliminate frustrations over dropped calls and limited range by amplifying incoming and outgoing cellular signals in homes and offices.

If you have any questions during setup, please reach out to our US-based experienced support technicians:

Call: 1-888-365-6283

Email: support@surecall.com

Visit: www.surecall.com/support

channel



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## How it works

The high-gain outside antenna captures even the weakest cell signal, from the cell tower where it is aimed.

The Fusion5X Max outside booster uses Extended Range Technology $^{\text{TM}}$  (ERT) to grab signal outside, at its strongest point, where it boosts voice, text and data signals for all 4G & 5G devices.

Using ultra low-loss cable, signal is transmitted from the outside to the Fusion5X Max inside host amplifier.

The signal is then broadcast from the inside panel antenna to all cellular devices in range.

The Fusion5X Max system also works in reverse, boosting the outgoing signal and to faraway and hard-to-reach towers.

# PACKAGE CONTENTS

Unpack all package contents. For missing or damaged items, contact your reseller.
Turn over the signal booster and record the model and serial number for reference:
Serial #:
Purchase Date:

Keep the carton and packing material to store the product in case you need to return.

		Outside Outside Inside Antenna		Inside Cable			
Model number	Model name	Antenna Type	Cable Length	(Qty)	Type	(Qty)	Length
SC-Fusion5X-Max-Y2U	Fusion5X 2.0 Yagi/2 Ultra-Thin	Yagi	100 ft	(2)	Ultra-Thin	(2)	75 ft
SC-Fusion5X-Max-Y2P	Fusion5X 2.0 Yagi/2 Panel	Yagi	100 ft	(2)	Panel	(2)	75 ft

## Your Fusion5X Max signal booster package includes the following items:



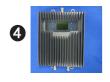
SC-232W Outside Yagi antenna and mounting bracket



Fusion5X Max Outside Amplifier and mounting bracket



SC-400-100NN Outside Cable (100 ft)



Fusion5X Max inside host amplifier



Power supply



SC400-75NN Inside Cable (75ft x2)



SC-528W Inside Ultra-Thin antennas (x2)



SC548W Inside panel antennas (x2)

## Installation Overview

Before installation, review the above information.

In addition to the contents listed below, you will need a ladder, drill, cable clips, and a pole or mast to mount your outside components. A mounting pole is available separately (SC-MOUNT-JBAR), if needed. Prior to securing the location of any booster parts, a "soft install" is recommended as adjustments may be needed to optimize performance.

- Step 1. Find the outside area with the strongest signal.
- Step 2. Install the outside yagi antenna and outside amp in the location identified in step 1.
- Step 3. Install the inside antennas -- either Ultra Thin™ or panel antennas (x2).
- Step 4. Place inside host amp and connect cables
- Step 5. Connect power source and turn on.
- Step 6. Test system performance and optimize configuration as needed.

## INSTALLATION

# Step 1. Find the Area With the Strongest Signal

Identify the outside location with the strongest signal for placement of your outdoor yagi antenna. This is generally found on the side facing your nearest cell tower and as high as possible -- where the antenna can 'see' your cell tower.

For help locating your closest cell tower, you may utilize an app such as 'Open Signal' or go to www.antennasearch.com.

Please note, The coverage area that the booster provides is directly related to the strength of incoming signal received by the outdoor antenna. Mounting the outside antenna where the signal is the strongest provides the best results. if signal is extremely weak where the outside antenna is installed, indoor coverage will be limited. Bars are not always a reliable measure of signal. The best way to confirm signal coverage is the ability to place and hold a call.

For more detailed measurements, you can take readings of your phone's signal in decibels(dB). Decibels are measured in the negatives and generally should fall between -40 and -130. A score closer to zero indicates a stronger signal. For example, a signal of -120 dB indicates no service, while a score of about -50 dB means you have excellent signal.

For specific dB signal measurements, use the methods below.

- iOS First turn off your Wi-Fi, Next, open the Phone app an dial \*3001#12345#\* then press the call button. This will open
  the Field Test app. Once open, menu navigation varies depending on iOS version, as well as, carrier and iPhone model;
  however these instructions should get you to the right place.
  - iOS 14 and later: Navigate to LTE in the menu list then tap on Serving Cell Meas. The measurements that read "rsrp0" and "rsrp1" are your cellular signal strength in decibel-milliwatts.
  - If you're using an earlier version of iOS, we have more information available here: https://blog.surecall.com/enter-field-test-mode-on-iphone-or-android-phones/
- Android devices: Download the app "Network Signal Info" in the Google Play store.

# Step 2. Install the Outside Yagi Antenna and Outside Amplifier

Once you have identified the area of strongest signal, choose where you will mount your outside antenna and outside amplifier while considering the following factors:

- 1. The mounting area must have at least a 3 ft radius clear of obstructions, other radiating elements and metal objects such as pipes or metal siding.
- Both components should be mounted on a pole or pipe (not provided), at the highest possible location above the
  roofline at least 25 vertical feet above the planned location for the indoor antenna.

Note there are two main outside components -- a Yagi directional antenna and the outside amplifier.



Outside Yagi antenna and mounting bracket



Fusion5X Max outside amplifier and mounting bracket



Outside Cable (100 ft)

Warning: Do not collocate antennas or operate the outdoor antenna with any other antenna or signal booster.

# Install the Yagi antenna

Once you have identified your install location, assemble the u-bolt, bracket, nuts and washers onto a pole (available separately) as shown in the illustration.

Keep the connections loose enough to allow the antenna to rotate until the optimum direction is found.

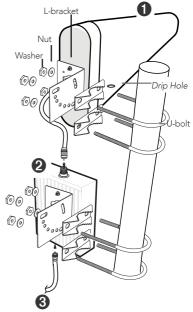
Orient the antenna with the drip hole at the bottom.

Place the Outside Amplifier

Next assemble the bracket for the outside amplifier the same way you did the yagi bracket and secure in the same location within range of the antenna cable connection.

Connect the yagi cable connector to the outside amplifier as shown

With both components in place, connect one end of the provided 75 ft. coax cable to the outside amplifier and hand tighten the connection.



Outside system assembly

# IMPORTANT:

Take caution during installation to not aim these antenna towards the other antenna



Aiming Directional Antennas

# Step 3. Install the Inside Antennas

Choose a location for the booster and inside antenna that is near a working outlet and at least 25 Ft from the outside antenna. Consider the below factors affecting booster performance.

Signal strength at the location of the outside antenna.

Interior building materials between the inside antennas and your mobile device.

Distance between the outside antenna and inside antennas (minimum 25 ft. separation)

Ensure inside antennas point away from the outside antenna

Note: This booster should not be used near open fire or flame. Storage and transportation: Store and place in non-extreme room-temperature and dry environment.

#### For kits that include Inside Ultra Thin Antennas

The SC-588W wideband antenna is an omni-directional interior antenna that gathers and sends signals from all sides. Besides the antenna itself, parts include mounting options for an install that is accessible by crawl space or one that is not. Optimally, It should be located central to where signal is needed with minimal obstacles. The range of this antenna is dependent on three factors:

- 1. Physical obstructions
- 2. Power generated by booster
- 3. Signal level received by the outdoor antenna

#### For Each Antenna:

If accessible by crawl space:

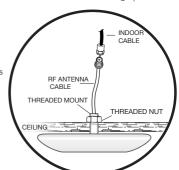
- Drill a 20 mm diameter hole in the ceiling. The size should be large enough to allow the antenna's plastic cable base to pass through.
- 2. Place antenna cable through hole.
- 3. From crawl space, screw the fixing nut onto antenna

If not accessible by crawl space, a metal bracket mount has been provided along with instructions for this mounting option.

#### Route Cable

Connect each indoor antenna to an indoor cable provided with your kit. Run
the cables along route toward the planned location of your booster.

Note: Be sure to provide enough separation from outdoor antenna (at least 25 ft. is recommended).





### For kits that include Inside Panel Antennas

The provided panel antennas are multi-band directional antennas with a 120° reach. They should be mounted facing the area signal is needed. It is also important that they do not point toward the outdoor antenna. Range of antenna is dependent on three factors:

- 1. Physical obstructions
- 2. Power generated by booster
- 3. Signal level received by the outdoor antenna

Besides the antenna itself, parts include mounting equipment for a flat horizontal surface.

You can also install your interior antenna behind a wall or above a ceiling panel provided there are not materials that could obstruct signals.

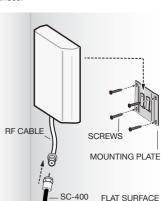
## For Each Antenna:

- Choose location for mounting antenna on vertical surface. Ideal height off the ground or floor should be the approximate height of regular cell phone use.
- 2. Using plate, mark position of desired screw placement with pencil or marker.
- 3. Screw mounting plate into place with the slide panel protruding towards you.
- 4. Slide antenna securely onto mounting plate.

#### Route Cable

Connect each indoor antenna to an indoor cable provided with your kit. Run the cables along route toward the planned location of your booster.

Note: Be sure to provide enough separation from outdoor antenna (at least 25 ft. is recommended).



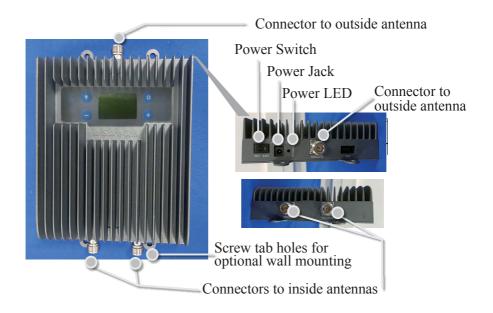
# Step 4: Place the Inside Host Unit and Connect Cables

Place the Inside Host unit in your chosen location that is on a flat surface or mounted to a wall. Choose a location that is near a working AC outlet.

To install the booster to a wall, use the supplied screws or appropriate screws for surface and drill through screw tab holes on booster (see "Host Unit Diagram" illustration).

Connect the open end of each inside cable connector to the ports of the host unit labeled INSIDE.

Next, connect the outside and inside components by routing the outside cable from the outside amplifier, indoors and connect to the booster port marked "OUTSIDE".



Host Unit Diagram

# Step 5: Connect Power Source and Turn On

Connect the AC power cord to the booster and plug into a 110V AC power outlet. Once the booster has been completely assembled, turn the booster's power switch to ON.

Note: If the Power LED does not turn ON, see the "Troubleshooting" on page 18 section.

Note: This booster is rated for 5-15V input voltage. DO NOT use the booster with a higher voltage power supply. This can damage the booster, cause personal injury, and void your warranty.

# Step 6: Check and Optimize System, If Needed

Place a call in the room where the inside antenna is located to confirm that your phone is receiving a boosted signal.

Note: Bars are not always a reliable measure of signal. The best way to confirm signal coverage is the ability to place and hold a call.

Important: The booster gain should remain at maximum level and only reduced if other recommended actions do not resolve the issue.

# **Performance Optimization**

The Fusion5X Max automatically reduces gain (coverage performance) because of insufficient RF Separation between the inside and outside antennas.

Consider the following options to resolve issues with inadequate antenna isolation.

- Verify that a minimum distance of 25 vertical feet has been achieved. Separation up to 50 ft of horizontal distance may be needed, however, especially where vertical separation is not possible.
- 2. Check for sources of interference such as, cellular modems or hotspots.
- 3. Verify neither antenna is placed near a window.
- 4. Ensure that the antennas are aimed away from one another.

Keep in mind, identifying the setup that yields the best possible results for your environment will come from testing -- balancing the elimination of interference and while also receiving the best possible signal.

## **TROUBLESHOOTING**

Problem	Resolution
Signal booster has no power	Connect the power supply to an alternate power source.  Verify that the power source is not controlled by a switch that has removed power from the outlet.  If it remains OFF, contact tech support at: 1-888-365-6283 or support@surecall.com
After completing installation, indoor signal coverage has not improved	Verify that cable connections are tightly fitted to the booster and antenna.  Try further separating the booster and antenna.  Verify that there is usable signal where the antenna is placed.  Note: Bars are not always a reliable measure of signal. The best way to confirm signal coverage is the ability to place and hold a call.

## LCD INDICATIONS

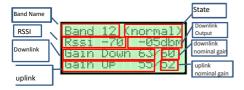
Note: Bars are not always a reliable measure of signal. The best way to confirm signal coverage is the ability to place and hold a call

Important: The booster gain should remain at maximum level and only reduced manually if other recommended actions do not resolve the issue.

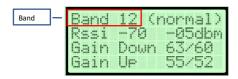
## 1 LCD display Preview



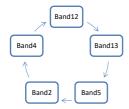
#### 2 Parameters



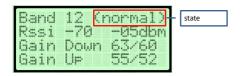
#### 3 Parameters of band



Can be switched by the band switch button

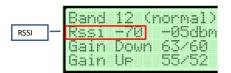


## 4 Parameters of state



## 5 Definitions

State	Indication
(Init)	Checking by itself or initializing
(normal)	normal
(OSC)	Uplink or downlink oscillation
(sleep)	Uplink silence
(DL-ALC)	Downlink ALC



## 

# 5.1.1 Low band (band12 band13 band5)

RSSI higher than -81dbm ,display power normal

Band	12 (r	normal)
Rssi	-70	-05dbm
Gain	Down	63/60
Gain	Up	55/52

RSSI lower than -81dbm display ---

Band Rssi Gain Gain	12 (r -70	normal) dbm 63/60 55/52
Gain	Down	63/60
Gain	Up	55/52

# 5.1.2 High band (band2 band4)

RSSI higher than -86dbm, display power normal

Band	2 (r	ormal)
Rssi	-65	-05dbm
Gain	Down	63/60
Gain	Up	55/52

RSSI lower than -86dbm display ---

Band	2 (r	normal)
Gain	Down	63/60
Gain	UP	55/52

### 5.1.4 Nominal gain

The rated gain of the device, the current nominal gain of each frequency band of the device is:

	-	
	Uplink nominal gain(dB)	downlink nominal gain(dB)
Band12 (LTE-A)	55	63
Band13 (LTE-V)	55	63
Band5 (CELL)	57	65
Band2 (PCS)	61	70
Band4 (AWS)	61	70

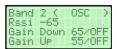
#### 5.1.5 Real gain

Display the real gain of the device

Manual attenuation, ALC, and the adaptation of the device all cause the real gain of the device to change.

Remarks: When the real gain is OFF, it means that the power amplifier is turned off. Like the following situations:

1. Power amplifier closed due to strong oscillation



2. Manual attenuation≥30 causes the PA to turn off



### 6 Button control

## 6.1 Band Select

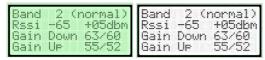


## 6.2Backlight Mode Select



Press the backlight, the LED will be on one second.

Press the backlight again to turn off.

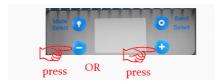


Backlight turn on mode

Backlight turn off mode

#### 6.3 Gain Manual Adjustment + -

## 6.3.1 Short Press



Each time the uplink and downlink attenuation increases or decreases by 1db at the same time (take increase 1db as an example)

Manual Attenuation



#### 6.3.2 Long Press

Long press for more than 5s

UL&DL - 30 db at the same time



Continue to press and hold, the amplifier turns off



## **SPECIFICATIONS**

Model	Fusion5X Max (US and Canada)
Uplink Frequency Range (MHz):	698-716 / 776 – 787 / 777-787 / 824-849 / 1850-1915 / 1710-1755
Downlink Frequency Range (MHz):	728-746 / 746 – 757 / 746-756 / 869-894 / 1930-1995 / 2110-2155
Maximum Gain:	72 dB
Supported Standards:	CDMA, WCDMA, GSM, EDGE, HSPA+, EVDO, LTE and all cellular standards
Input Impedance:	50 Ω
VSWR	≤2.0
Noise Figure:	<8 dB
AC Input:	Input AC110V, 60 Hz; Output DC 12-15V
Maximum Output Power:	1 Watt EIRP
Downlink Power	+16 dBm
Cable:	SC-400 cable (100 ft) / SC-400 (75 ft)
RF Connectors:	N-Female inside / N-Female outside
Power Consumption:	<25W
Fusion5X Max Outside Amp	
Temperature Range:	4° to +158° for optimal performance
Dimensions:	8.63*6.83*2.18 in
Weight:	4.6lb;
Certifications: (Model Fusion5X Max)	FCC ID: RSN-FUSION5XMAX; IC: 7784A-5XMAX
Fusion5X Max Inside Host	
Temperature Range:	-4° to +104° for optimal performance
Dimensions:	9.63*6.50*1.98 in
Weight:	4 lbs
Certifications: (Model Fusion5X MaxS)	FCC ID: RSN-FUSION5XMAX; IC: 7784A-5XMAX

Warning: Any product modifications that use unauthorized antennas, cables, and/or coupling devices are prohibited by the FCC. Contact FCC for details: 1-888-CALL-FCC. Changes or modifications not expressly approved by SureCall could void the user's authority to operate the equipment.

Note: The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

FCC 27.50(d)(4) Statement: Fixed, mobile and portable (hand-held) stations operating in the 1720-1755 MHz band are limited 1 Watt EIRP. Fixed stations operating in this band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in this band must employ a means for limiting power to the minimum necessary for successful communications.

# Configuration

# **Kitting**

Component	Prod No. Description	Gain/Loss	;				
		LTE-A	LTE-V	800MHz	1900MHz	1700 MHz / 2100 MHz	Notes
Outdoor Antenna*	SC548W	5dBi	5dBi	6dBi	7dBi	7dBi / 7dBi	
	SC232W	8.5dBi	8.5dBi	8.5dBi	8.5dBi	8.5dBi / 8.5dBi	default
Cable between systems *	SC-400-50NN 50 Feet	3.01dB	3.01dB	3.14dB	4.31dB	4.07 dB / 4.56dB	50 to 150 feet defau
Indoor Cable*	SC240-20NN 20 Feet	2.06dB	2.06dB	2.29dB	3.56dB	3.36dB / 3.76dB	20 Feet or longer
	SC-400-50NN 50 Feet	3.01dB	3.01dB	3.14dB	4.31dB	4.07 dB / 4.56dB	50 to 150 feet defau
Indoor Antenna*	SC222W	3dBi	3dBi	3dBi	6dBi	6dBi / 6dBi	
indoor Antenna	SC121W	1.2dBi	1.2dBi	1.2dBi	3dBi	3dBi / 3dBi	
	SC302W	2.5dBi	2.5dBi	3dBi	5dBi	4dBi / 5dBi	
	SC323W	2.5dBi	2.5dBi	3dBi	4dBi	4dBi / 4dBi	
	SC528W	3.5dBi	3.5dBi	3.5dBi	7.5dBi	7.5dBi / 7.5dBi	default
	SC548W	5dBi	5dBi	6dBi	7dBi	7dBi / 7dBi	default
Two splitter	SC-WS-2	-3.5dB	-3.5dB	-3.5dB	-3.5dB	-3.5dB	default

FCC 15.105 Statement This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

15.19 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

# **CONSUMER GUIDELINES**

#### **FCC**

#### 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.

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 any person.

You MUST cease operation of this device immediately if requested by the FCC 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, for in-building use.

Register your cellular booster with your wireless carrier at the following urls:

Verizon: http://www.verizonwireless.com/wcms/consumer/register-signal-booster.html

AT&T: https://securec45.securewebsession.com/attsignalbooster.com/

T-Mobile: https://support.t-mobile.com/docs/DOC-9827

**Sprint:** https://www.sprint.com/legal/fcc\_boosters.html

U.S. Cellular: http://www.uscellular.com/uscellular/support/fcc-booster-registration.jsp

This device complies with Part 15 of 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.

#### INDUSTRY CANADA

#### This is a CONSUMER device

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

You **MUST** operate this device with approved antennas and cables as specified by the manufacturer. Antennas **MUST NOT** be installed within 20 cm of any person.

You MUST cease operation of this device immediately if requested by ISED or a licensed wireless service provider.

This device may operate in a fixed location only, for in-building use.

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

## Ce produit est un appareil de CONSOMMATION.

AVANT DE L'UTILISER, vous être conforme à toutes les exigences établies dans la CPC-2-1-05[2].

Vous **DEVEZ** utiliser cet appareil avec des antennes et des câbles approuvés, conformément aux indications du fabricant. Les antennes **DOIVENT** être installées À **AU MOINS** 20 cm d'une personne.

Vous DEVEZ cesser d'utiliser cet appareil immédiatement à la demande d'ISDE ou d'un fournisseur de services sans fil autorisé.

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

**AVERTISSEMENT**: Les renseignements relatifs à l'emplacement du service E911 pourraient être non fournis ou inexacts pour les appels effectués au moyen de cet appareil.

#### CAN ICES-3 (B)/NMB-3(B) (Canada):

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. 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

The Manufacturer's rated output power of this equipment is for single carrier operation. For situations when multiple carrier signals are present, the rating would have to be reduced by 3.5 dB, especially where the output signal is re-radiated and can cause interference to adjacent band users. This power reduction is to be by means of input power or gain reduction and not by an attenuator at the output of the device.

Cet appareillage numérique de la classe B répond a toutes les exigencies de l'interférence canadienne causant des réglements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

La puissance de sortie nominale indiquée par le fabricant pour cet appareil concerne son fonctionnement avec porteuse unique. Pour des appareils avec porteuses multiples, on doit réduire la valeur nominale de 3,5 dB, surtout si le signal de sortie est retransmis et qu'il peut causer du brouillage aux utilisateurs de bandes adjacentes. Une telle réduction doit porter sur la puissance d'entrée ou sur le gain, et ne doit pas se faire au moyen d'un atténuateur raccordé à la sortie du dispositif

<sup>[1]</sup> For details on the requirements specified in ISED CPC-2-1-05, visit: http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08942.html

<sup>[2]</sup> Pour plus de détails sur les exigences ISDE CPC-2-1-05, reportez-vous au site: https://www.ic.gc.ca/eic/site/smt-gst.nsf/fra/sf08942.html

# WARRANTY

# **Three-Year Product Warranty**

## To activate your three-year manufacturer's warranty, register at www.SureCall.com/activate

SureCall warrants its products for three years from the date of purchase against defects in workmanship and/or materials. Specifications are subject to change. The three-year warranty only applies to products meeting the latest FCC Certification Guidelines stated on 2/20/2013 and going into effect April 30, 2014. A two-year warranty applies to any products manufactured before May 1, 2014.

Products returned by customers must be in their original, un-modified condition, shipped in the original or protective packaging with proof-of-purchase documentation enclosed, and a Return Merchandise Authorization (RMA) number printed clearly on the outside of the shipping container.

Buyers may obtain an RMA number for warranty returns by calling the SureCall Return Department toll-free at 1-888-365-6283. Any returns received by SureCall without an RMA number clearly printed on the outside of the shipping container will be returned to sender. In order to receive full credit for signal boosters, all accessories originally included in the signal booster box must be returned with the signal booster. (The Buyer does not need to include accessories sold in addition to the signal booster, such as antennas or cables.)

This warranty does not apply to any product determined by SureCall to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages the product's physical or electronic properties.

SureCall warrants to the Buyer that each of its products, when shipped, will be free from defects in material and workmanship, and will perform in full accordance with applicable specifications. The limit of liability under this warranty is, at SureCall's option, to repair or replace any product or part thereof which was purchased up to THREE YEARS after May 1, 2014 or TWO YEARS for products purchased before May 1, 2014, as determined by examination by SureCall, prove defective in material and/or workmanship. Warranty returns must first be authorized in writing by SureCall. Disassembly of any SureCall product by anyone other than an authorized representative of SureCall voids this warranty in its entirety. SureCall reserves the right to make changes in any of its products without incurring any obligation to make the same changes on previously delivered products.

As a condition to the warranties provided for herein, the Buyer will prepay the shipping charges for all products returned to SureCall for repair, and SureCall will pay the return shipping with the exception of products returned from outside the United States, in which case the Buyer will pay the shipping charges.

The Buyer will pay the cost of inspecting and testing any goods returned under the warranty or otherwise, which are found to meet the applicable specifications or which are not defective or not covered by this warranty.

Products sold by SureCall shall not be considered defective or non-conforming to the Buyer's order if they satisfactorily fulfill the performance requirements that were published in the product specification literature, or in accordance with samples provided by SureCall. This warranty shall not apply to any products or parts thereof which have been subject to accident, negligence, alteration, abuse, or misuse. SureCall makes no warranty whatsoever in respect to accessories or parts not supplied by it.

#### Limitations of Warranty, Damages and Liability:

EXCEPT AS EXPRESSLY SET FORTH HEREIN, THERE ARE NO WARRANTIES, CONDITIONS, GUARANTEES, OR REPRESENTATIONS AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER WARRANTIES, CONDITIONS, GUARANTEES, OR REPRESENTATIONS, WHETHER EXPRESSED OR IMPLIED, IN LAW OR IN FACT, ORAL OR IN WRITING.

SURECALL AGGREGATE LIABILITY IN DAMAGES OR OTHERWISE SHALL NOT EXCEED THE PAYMENT, IF ANY, RECEIVED BY CELLPHONE-MATE, INC. FOR THE UNIT OF PRODUCT OR SERVICE FURNISHED OR TO BE FURNISHED, AS THE CASE MAY BE, WHICH IS THE SUBJECT OF CLAIM OR DISPUTE. IN NO EVENT SHALL SURECALL BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, HOWSOEVER CAUSED.

All matters regarding this warranty shall be interpreted in accordance with the laws of the State of California, and any controversy that cannot be settled directly shall be settled by arbitration in California in accordance with the rules then prevailing of the American Arbitration Association, and judgment upon the award rendered may be entered in any court having jurisdiction thereof. If one or more provisions provided herein are held to be invalid or unenforceable under applicable law, then such provision shall be ineffective and excluded to the extent of such invalidity or unenforceability without affecting in any way the remaining provisions hereof.

SureCall has made a good faith effort to ensure the accuracy of the information in this document and disclaims the implied warranties of merchantability and fitness for a particular purpose and makes no express warranties, except as may be stated in its written agreement with and for its customers. SureCall shall not be held liable to anyone for any indirect, special or consequential damages due to omissions or errors. The information and specifications in this document are subject to change without notice.

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