

SAMSUNG

3D Active Glasses

SSG-3100GB

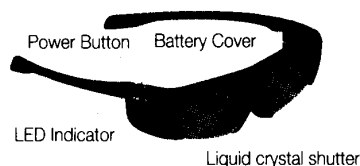
User's Guide

Features

The 3D glasses enable you to view 3D images. To view 3D images, you need both a pair of 3D glasses and a Samsung 3D TV. SSG-3100GB allows you to connect devices via the 2.45GHz RF band.

(The Samsung 3D glasses cannot connect to a non-Samsung wireless communication device.)

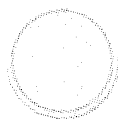
Parts



Components



3D Active glasses



Button Battery (CR2025)



Cleaning cloth

Performing 3D Active Glasses pairing



What is Pairing? It is a process to share Information and connect 3D Glasses with a 3D TV.

◆ For the initial pairing

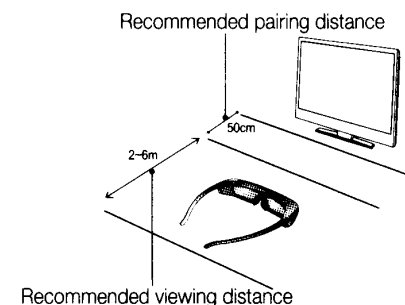
1. If the user takes the 3D glasses out of the box and briefly presses the power button, the glasses are turned on and the pairing process is started automatically.
 - Be sure to power on the TV before you press the power button.
2. If the first attempt to pair fails, turn on the TV (2D or 3D) and press the Power button on the 3D glasses. The 3D glasses will power on and there will be another attempt to pair.

◆ **Turning the glasses on**
Press the power button briefly. The green LED is turned on for 3 seconds.

◆ **Turning the glasses off**
Press the power button briefly. The red LED is turned on for 3 seconds.

◆ **Performing the pairing process.**
The green and red LEDs will blink for 2 seconds if pairing is under progress.

◆ Operating range



Recommended viewing distance	2~6m
Recommended pairing distance	50 cm or less

◆ To perform the pairing process again

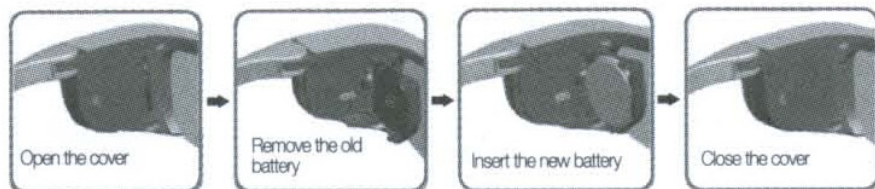
1. If a user presses and holds the power button on the 3D glasses for at least 2 seconds when it is turned off, the power is turned on and the pairing process starts.
 - If the user presses and holds the power button of the 3D glasses for at least 2 seconds, the pairing process starts.
 - If the pairing process fails, the power is turned off.
 - The maximum viewing distance may vary depending on obstacles (human body, metal, wall, etc.) or electromagnetic wave near the 3D glasses.
 - Turn off the 3D glasses while they are not in use. If you leave the 3D glasses on, the battery lifespan decreases.

◆ Re-pairing is required in the following circumstances

- The 3D glasses do not function even when the power button is pressed on the 3D TV after repair.
- You want to enjoy a 3D video on a newly purchased Samsung 3D TV released in 2011.

◆ Replacing the Batteries

Red LED blinks every two seconds continually, replace the batteries with new ones.



◆ viewing guidelines

- If the 3D glasses are connected to the TV, the "3D glasses are connected to TV" message is displayed on the TV.
- When you watch 3D images under flickering lighting such as a fluorescent lamp (50Hz ~ 60Hz) or a 3 wavelength lamp, you may notice a small amount of screen flickering.
 - ※ If this occurs, dim or turn off the light.
- Switching the input mode while watching a 3D movie may disable the 3D function on the TV. As a result, the 3D glasses may not function and the movie may not be displayed properly.
- If the 3D glasses move outside of the effective range of signal reception, the signal from the TV will be disconnected and the display of the 3D glasses will turn off after 3 seconds. The 3D glasses will power off 30 seconds after the display turns off. When this happens, the red LED will turn on for 3 seconds.
 - ※ Under some circumstances, the 3D glasses may malfunction due to interference from other devices.
- Be sure to stay within the effective viewing distance when watching TV in 3D.
 - ※ The picture may not be displayed in 3D if you are outside of the effective range of viewing for 3 seconds.

- If you lie on your side while watching TV with 3D active glasses, the picture may appear dark or may not be visible.
- The 3D glasses may not work properly due to interference from other 3D products or electronic devices that operate on the 2.4Ghz frequency such as a microwave oven or AP near the glasses or TV. If the 3D function malfunctions due to interference, please make sure that other electronic or wireless communication devices are as far away from the glasses and the TV as possible.
- The 3D effect may be experienced differently depending on the viewer. You may not notice the 3D effect at all if your eyes have very different prescriptions.
- If a part of the 3D glasses or lenses is defective or damaged, it cannot be repaired and should be exchanged. If the glasses are no longer working within the warranty period, the glasses can be repaired for free. If the glasses have been damaged due to the fault of the customer or the warranty period has expired, a new pair of glasses will have to be purchased.

CAUTION!

IMPORTANT HEALTH AND SAFETY INFORMATION FOR 3D IMAGES. READ THE FOLLOWING CAUTIONS BEFORE YOU OR YOUR CHILD USE THE 3D FUNCTION.

- Adults should frequently check on children who are using the 3D function. If there are any complaints of tired eyes, headaches, dizziness or nausea, stop the child from viewing the 3D TV and ensure that they rest.
- Do not use the 3D glasses for other purposes such as general wear, sunglasses, protective goggles, etc.
- Some viewers may experience discomfort such as dizziness, nausea and headaches while viewing 3D TV. If you experience any of these symptoms, stop viewing the 3D TV, remove the 3D glasses and rest for awhile.
- Watching 3D pictures for an extended period of time may cause eye strain. If you experience any eye strain, stop viewing the 3D TV, remove the 3D glasses and rest for awhile.
- Do not use the 3D function or 3D glasses while walking or moving around. Using the 3D function or 3D Active Glasses while moving around may result in injury from running into objects, tripping, and/or falling.

SAFETY PRECAUTIONS

The following safety instructions are to ensure your personal safety and prevent property damage. Please read the following to ensure the proper use of the product.

- Do not place the product in a location exposed to direct sunlight, heat, fire or water. This may result in a product malfunction or fire.
- Do not apply force to the lenses of the 3D glasses. Do not drop or bend the product. This may result in a product malfunction.
- Use only the specified standard batteries. When replacing the battery, insert it in the correct polarity (+, -). Failing to do so may damage the battery or result in fire, personal injury or environmental damage due to the internal liquid leaking.
- Keep the used battery out of the reach of children so that they do not accidentally swallow the battery. If your child has swallowed the battery, consult your doctor immediately.
- When cleaning the product, do not spray water or cleaner directly onto the surface of the product. Failing to do so may result in fire or electric shock, damage to the product surface, or result in the indicating labels coming loose from the product surface.
- Do not use chemicals containing alcohol, solvents, or surfactants, or chemicals such as wax, benzene, thinner, mosquito repellent, lubricant or cleaners. These may result in discoloration or cracks on the product surface and cause the indicating labels to come loose from the product surface.
- Since the product surface and lens are easily scratched, make sure to use a clean soft cloth (the cleaning cloth supplied with the product, a cloth consisting of superfine fibers or cotton flannel) when cleaning to avoid scratching either the surface or the lens. As the product may become scratched if there are any foreign items on the cloth, make sure to shake off any dust before using it.
- Never disassemble, repair or modify the 3D glasses yourself. Do not use the glasses when they are out of order or broken.
- Take care that you do not injure your eyes with the edges of the frame of the 3D glasses when wearing them.
- Make sure to use only 3D glasses that are authorized and supplied by Samsung Electronics.

Troubleshooting

If you encounter...	Try this...
My 3D glasses do not work.	➤ Replace the battery if it is flat.
	➤ The 3D glasses should be close to the TV. Make sure that the distance between the TV and your 3D glasses is less than 19.68 feet (6m) in a straight line.
	➤ Check the 3D function settings of your TV.
My 3D glasses do not work.	➤ The battery is flat. Replace the battery.

Specifications (Model Number: SSG-3100GB)

Optics	Shutters	Liquid crystal	Transmittance	35±2%
	Recommended viewing distance	2 ~ 6m	Field Rate	120 fields/s
Weight	Glasses	33.1g (including the battery: 35.4g)		
Power	Glasses	One 3V lithium/manganese dioxide battery 3V(CR2025)		
Power Consumption	Glasses	1.3mA (Average)		
	Battery	Type	165mAh, 3.0V (CR2025)	
		Operating time when On	70 hours	
Operating	Operating Temperature	0 °F to 40 °F		
Conditions	Custody Temperature	-20 °F to 60 °F		

WARRANTY

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship. In the event that warranty service is required, you should first return the product to the retailer from whom it was purchased. However, Samsung Authorized Service Centres will comply with this warranty during the Warranty Period. To obtain details, please contact your nearest Authorized Service Centre.

PROCEDURE FOR MAKING A WARRANTY CLAIM

To make a claim under the warranty, you must contact the Samsung Contact Centre (see details above) during the Warranty Period to discuss the problems you are having with the product. If a repair or replacement is required, you will be provided with a Warranty Claim Number and address of an Authorised Service Centre.

If you are provided with a Warranty Claim Number, to obtain a repair or replacement of the product, you must send the product to the Authorised Service Centre advised together with:

- a copy of your completed warranty card or, if you have already provided this to Samsung, your name, address and contact telephone number;
- your original receipt, invoice or sales slip for the purchase of the product as new;
- your Warranty Claim Number.

Samsung will then repair or replace the product and return it to you using the contact details provided.

WARRANTY CONDITIONS

1. The warranty is only valid if the above procedure for making a warranty claim is followed.
2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Samsung Authorised Service Centres. No re-imbursment will be made for repairs carried out by service centres or dealers that are not authorised by Samsung and any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no re-imbursment will be made for such adaptation, nor any damage which may result.

5. The warranty does not apply to any product that has been damaged or rendered defective as a result of any of the following excluded reasons, namely:

- as a result of accident, misuse, or abuse;
- through the failure to use this product for its normal purposes;
- by the use of parts not manufactured or sold by Samsung;
- by modification without the written permission of Samsung;
- by damage resulting from transit, neglect, power surge or failure;
- by damage resulting from lightning, water, fire, or acts of God;
- as a result of normal wear and tear; or
- difference in broadcasting methods or product standards between countries.

6. This warranty is valid for any person who legally acquired possession of the product during the warranty period.
7. NOTHING IN THESE WARRANTY CONDITIONS SHALL EXCLUDE OR LIMIT SAMSUNG'S LIABILITY FOR DEATH OR PERSONAL INJURY CAUSED BY THE PROVEN NEGLIGENCE OF SAMSUNG, UNLESS SUCH LIMITATION OR EXCLUSION IS PERMITTED BY APPLICABLE LAW.
8. WITH THE EXCEPTION OF SAMSUNG'S LIABILITY WHICH CANNOT BE EXCLUDED OR LIMITED BY LAW, SAMSUNG SHALL NOT BE LIABLE FOR: ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES LOSSES OR EXPENSES; OR LOST PROFITS; OR LOSS OF USE OR LOSS OF DATA; OR DAMAGE TO GOODWILL, REPUTATION OR LOST BUSINESS, ARISING DIRECTLY OR INDIRECTLY, FROM THE PURCHASE, USE OR SALE OF THE PRODUCT, WHETHER OR NOT SAMSUNG WAS ADVISED OR AWARE OF THE POSSIBILITY OF SUCH DAMAGES, LOSSES OR EXPENSES.
9. WITH THE EXCEPTION OF SAMSUNG'S LIABILITY WHICH CANNOT BE EXCLUDED OR LIMITED BY LAW, SAMSUNG'S LIABILITY UNDER OR IN CONNECTION WITH THIS WARRANTY OR THE PURCHASE, USE OR SALE OF THE PRODUCT SHALL NOT EXCEED THE PRICE PAID FOR THE PRODUCT AS NEW.
10. UNLESS PROVIDED FOR IN THIS WARRANTY, ALL CONDITIONS, WARRANTIES AND TERMS IMPLIED BY STATUTE OR OTHERWISE ARE HEREBY EXCLUDED TO THE MAXIMUM EXTENT PERMISSIBLE BY LAW.
11. The above warranty conditions do not affect your statutory rights as a consumer or otherwise.

Notice

◆ FCC Statement

Federal Communication Commission Interference 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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

◆ IC Statement

This Class B digital apparatus complies with Canadian ICES-003.

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.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Regulatory Compliance Statements

FCC COMPLIANCE

1) Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2) NOTE: 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.

If an apparatus is provided with a replaceable lithium battery, the following applies:

- if the battery is intended to be replaced by the USER, there shall be a warning close to the battery or in both the instructions for use and the service instructions;
- if the battery is not intended to be replaced by the USER, there shall be a warning close to the battery or in the service instructions.

CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type.

A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

ICES-003 Class B Notice - Avis NMB-003, Classe B

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Italian Homologation Notice

Questo apparecchio è fabbricato in conformità al D.M.28.08.95 n.548 ed in particolare a quanto specificato nell'Art.2, comma 1.

Questo apparecchio è fabbricato nella U.E. in conformità al D.M.28.08.95 n.548 Art.2, comma 1 ed al D.M.26.03.92 Art.1

- For products produced in countries except European Community Questo

apparecchio è fabbricato in conformità al D.M.28.08.95 n.548 ed in particolare a quanto specificato nell'Art.2, comma 1.

- For products produced in European Community Questo apparecchio è fabbricato nella U.E. in conformità al D.M.28.08.95 n.548 Art.2, comma 1 ed al D.M.26.03.92 Art.1



BZ02

Specifications (Model Number: SSG-3100GB)

Optics	Shutters	Liquid crystal	Transmittance	35±2%
	Recommended viewing distance	2 ~ 6m	Field Rate	120 fields/s
Weight	Glasses	33.1 g (including the battery: 35.4g)		
Power	Glasses	One 3V lithium/manganese dioxide battery 3V(CR2025)		
Power Consumption	Glasses	1.3mA (Average)		
	Battery	Type	165mAh, 3.0V (CR2025)	
		Operating time when On	70 hours	
Operating Conditions	Operating Temperature	0 °F to 40 °F [Error]		
	Custody Temperature	-20 °F to 60 °F [Error]		

✎ Product specifications may be changed without notice in order to enhance product performance.

Specifications (Model Number: SSG-3100GB)

Optics	Shutters	Liquid crystal	Transmittance	35±2%
	Recommended viewing distance	2 ~ 6m	Field Rate	120 fields/s
Weight	Glasses	33.1g (including the battery: 35.4g)		
Power	Glasses	One 3V lithium/manganese dioxide battery 3V(CR2025)		
Power Consumption	Glasses	1.3mA (Average)		
	Battery	Type	165mAh, 3.0V (CR2025)	
		Operating time when On	70 hours	
Operating Conditions	Operating Temperature	0°C ~ 40°C (32 °F ~ 104 °F) [Correction]		
	Custody Temperature	-20°C ~ 60°C (-4 °F ~ 140 °F) [Correction]		

✎ Product specifications may be changed without notice in order to enhance product performance.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

	Region	Contact Center ☎	Web Site
North America	CANADA	1-800-SAMSUNG (726-7864)	www.samsung.com
	MEXICO	01-800-SAMSUNG (726-7864)	www.samsung.com
	U. S. A	1-800-SAMSUNG (726-7864)	www.samsung.com
Latin America	ARGENTINE	0800-333-3733	www.samsung.com
	BRAZIL	0800-124-421, 4004-0000	www.samsung.com
	CHILE	800-SAMSUNG (726-7864)	www.samsung.com
	NICARAGUA	00-1800-5077267	www.samsung.com
	HONDURAS	800-7919267	www.samsung.com
	COSTA RICA	0-800-507-7267	www.samsung.com
	ECUADOR	1-800-10-7267	www.samsung.com
	EL SALVADOR	800-6225	www.samsung.com
	GUATEMALA	1-800-299-0013	www.samsung.com
	JAMAICA	1-800-234-7267	www.samsung.com
	PANAMA	800-7267	www.samsung.com
	PUERTO RICO	1-800-682-3180	www.samsung.com
	REP. DOMINICA	1-800-751-2676	www.samsung.com
	TRINIDAD & TOBAGO	1-800-SAMSUNG (726-7864)	www.samsung.com
	VENEZUELA	0-800-100-5303	www.samsung.com
CIS	COLOMBIA	01-8000112112	www.samsung.com
	RUSSIA	8-800-555-55-55	www.samsung.com
	GEORGIA	8-800-555-555	-
	ARMENIA	0-800-05-555	-
	AZERBAIJAN	088-55-55-555	-
	KAZAKHSTAN	8-10-800-500-55-500	-
	UZBEKISTAN	8-10-800-500-55-500	www.samsung.com
	KYRGYZSTAN	00-800-500-55-500	www.samsung.com
	TADJIKISTAN	8-10-800-500-55-500	www.samsung.com
	UKRAINE	0-800-502-000	www.samsung.ua www.samsung.com/ua_ru
	BELARUS	810-800-500-55-500	-
	MOLDOVA	00-800-500-55-500	-

Asia Pacific	AUSTRALIA	1300 362 603	www.samsung.com
	CHINA	400-810-5858, 010-6475 1880	www.samsung.com
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	INDIA	3030 8282, 1800 110011 1800 3000 8282, 1800 266 8282	www.samsung.com
	INDONESIA	0800-112-8888, 021-5699-7777	www.samsung.com
	JAPAN	0120-327-527	www.samsung.com
	Republic of Korea	1588-3366	www.samsung.com/sec
	MALAYSIA	1800-88-9999	www.samsung.com
	NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com
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	TAIWAN	0800-329-999	www.samsung.com
Middle East & Africa	THAILAND	1800-29-3232, 02-689-3232	www.samsung.com
	VIETNAM	1 800 588 889	www.samsung.com
	BAHRAIN	8000-4726	-
	JORDAN	800-22273	-
	SOUTH AFRICA	0860-SAMSUNG (726-7864)	www.samsung.com
	TURKEY	444 77 11	www.samsung.com
	U. A. E	800-SAMSUNG (726-7864)	www.samsung.com



10008 VER.01

BN81-06578A-PR

The Samsung logo, consisting of the word "SAMSUNG" in white, bold, sans-serif capital letters, is centered within a black, horizontally-oriented oval.A black, stylized arrow pointing to the right, with a slight gradient and a shadow effect.

NOTICE

A black, stylized arrow pointing to the left, with a slight gradient and a shadow effect.

“ Kit model number is now changed from **SSG-P2100S/ZA** to **SSG-P3100M/ZA**.
Please enter the verification along with the SSG-P3100M/ZA 3D kit serial number
and follow the remaining instructions on the coupon. ”

SAMSUNG ELECTRONICS CO., LTD

Your free 3D copy of
DreamWorks Animation's
Megamind awaits you.

See back for details.



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Terms & Conditions

*This offer is good while supplies last, and limited to the original end consumer only. Samsung is not responsible for late, lost, damaged or misdirected mail. All claims must be received within 30 days of purchase. Claim forms received after the program closing date will not be honored. You can pre-register for this offer by visiting www.checkmyrebate.com/samsungrebates to submit your information. Claims from dealers / distributors, retailers, or warehouse facilities, groups or organizations will not be honored. Limit one disc per verification code and corresponding 3D kit serial number. It is illegal to submit multiple requests for the same individual or family. Fraudulent submissions of multiple requests could result in federal prosecution under the U.S. Mail Fraud Statutes (18- USC, Sections 1341 and 1342). For mail-in option, your signature on this form is required to be valid for this offer. Offer void where taxed, prohibited or restricted by law. Offer good only in the USA. Please allow 10 to 12 weeks for delivery. Samsung reserves the right to audit any claims, request additional information regarding this claim and to nullify any claims, which cannot be substantiated. Samsung reserves the right to amend the rules, alter the model or cancel this promotion without prior notice. Check website for promotion eligibility dates. ©2011 Samsung Electronics America, Inc. Samsung is a registered trademark of Samsung Electronics Co., Ltd. Samsung is responsible for the terms of the offer, compliance with all laws and fulfillment of the offer. Megaminds™ & © 2011 DreamWorks Animation L.L.C. All Rights Reserved.

To receive your free 3D copy of
DreamWorks Animation's
Megamind by mail:

Option 1: Online Redemption (expedited processing)

1. Visit www.checkmyrebate.com/samsungrebates
2. Enter the verification code below, along with the SSG-P3100M/ZA 3D kit serial number and your shipping information to receive your Blu-ray 3D™ Disc: Dreamworks Animation's Megamind.

Option 2: Mail-In Redemption

Complete all of the information below, along with your receipt and original UPC and mail to:
Samsung DreamWorks Rebate Center

P.O. Box 9135
Offer # 1000
Bridgeport, NJ 08014
1-800-635-8478


MEGAMIND
3D

VERIFICATION CODE



Yes! Please send me more information and special offers on innovative Samsung products.

SERIAL #

FIRST NAME

LAST NAME

ADDRESS (P.O. Box addresses will not be accepted)

APT #

CITY

STATE

ZIP

EMAIL

PHONE

SIGNATURE