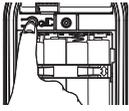


Managing User Fingerprints

Adding a User Fingerprint

1



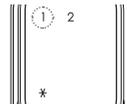
Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



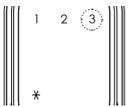
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



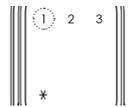
Press the **[*]** button after pressing the **[1]** button for the Registration mode.

4



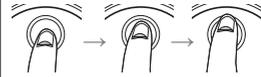
Press the **[*]** button after pressing the **[3]** button for the User Fingerprint managing mode.

5



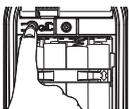
Press the **[*]** button after pressing the **[1]** button for the User Fingerprint adding mode.

6



Place your fingerprint on the fingerprint sensor. (When registering your fingerprint, change its position gradually until it is recognized.)
When a "beep" sound is heard and the recognition count is displayed on the keypad, remove the finger from the fingerprint sensor and place it back again (total of three recognitions).

7

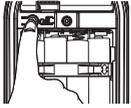


Press the **[REG]** button to quit.



Deleting a User Fingerprint

1



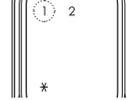
Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



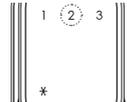
Press the **[*]** button after pressing the **[1]** button for the Registration mode.

4



Press the **[*]** button after pressing the **[3]** button for the User Fingerprint managing mode.

5



Press the **[*]** button after pressing the **[2]** button for the User Fingerprint deleting mode.

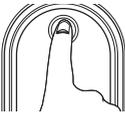
6



Please enter the user number(1~ 50) to be deleted followed by the **[*]** button.

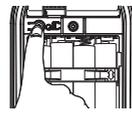
* If you press the **[*]** button instead of entering the user number, you can place the fingerprint to be deleted directly on the fingerprint sensor.

7



Place the fingerprint to be deleted on the fingerprint sensor.

8

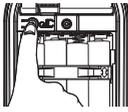


Press the **[REG]** button to quit.



Deleting All User Fingerprint

1



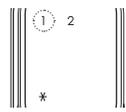
Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



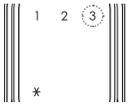
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



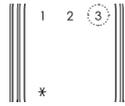
Press the **[*]** button after pressing the **[1]** button for the Registration mode.

4



Press the **[*]** button after pressing the **[3]** button for the User Fingerprint managing mode.

5

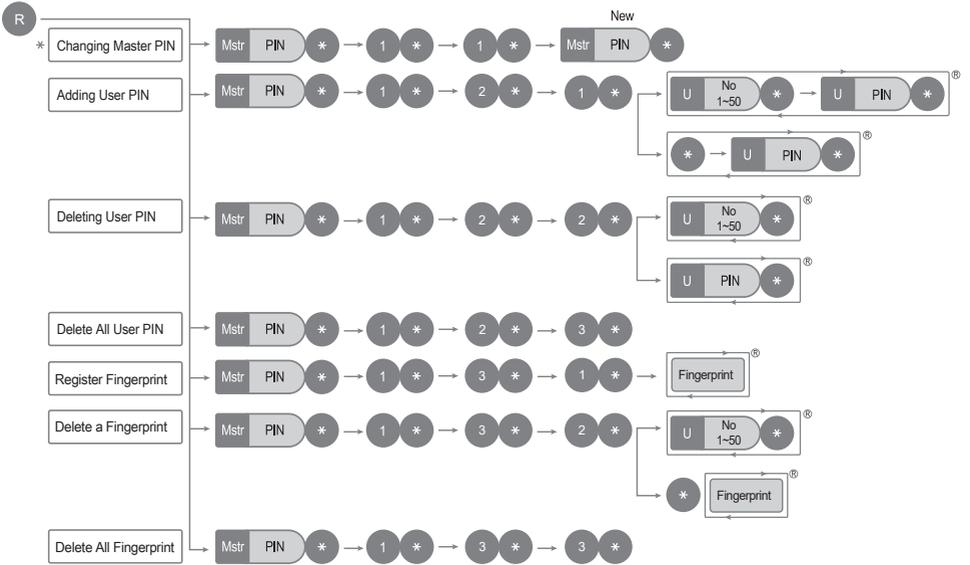


Press the **[*]** button after pressing the **[3]** button. Then All User Fingerprint will be deleted.



Authentication Methods Management menu

Registration menu

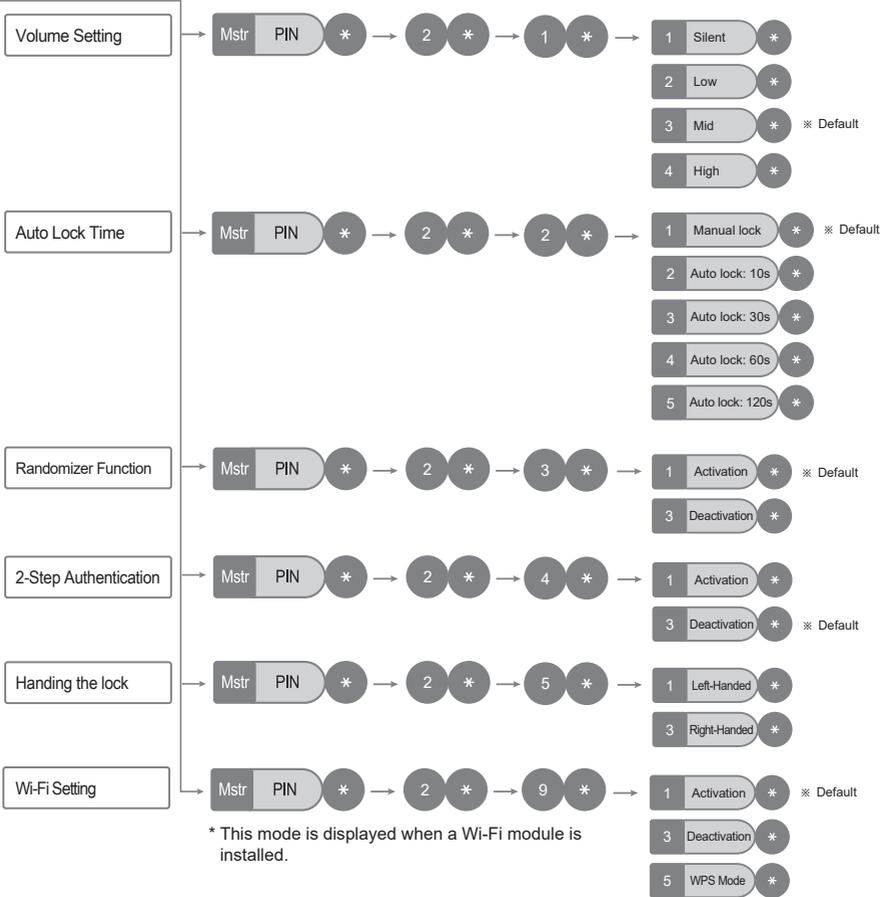


Note: Maximum number of user registration is 100.
(User PIN Codes 50, User Fingerprints 50)

Configuration Settings menu

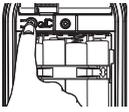
Setup menu

R



Volume Setting

1



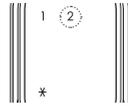
Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



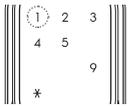
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



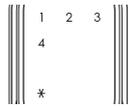
Press the **[*]** button after pressing the **[2]** button for the Additional Function Mode.

4

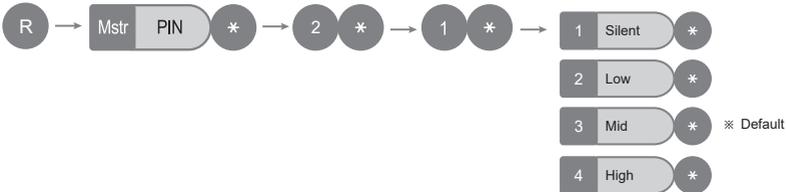


Press the **[*]** button after pressing the **[1]** button for the Volume Setting mode.

5

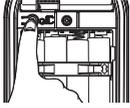


Press the volume level and the **[*]** button.
* Default: Mid (Level 3)



Auto Lock Time Setting

1



Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



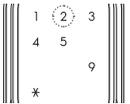
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



Press the **[*]** button after pressing the **[2]** button for the Additional Function Mode.

4

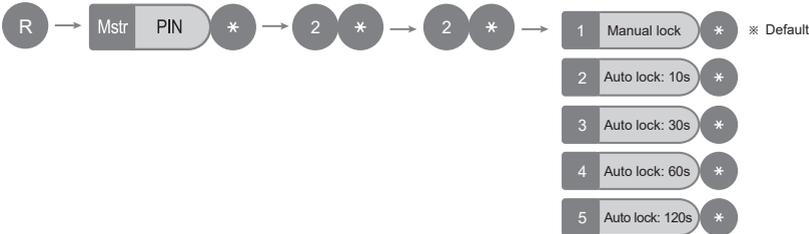


Press the **[*]** button after pressing the **[2]** button for the Auto Lock Time Setting.

5

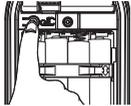


Press the auto lock mode and the **[*]** button.
* Default: Manual lock



Randomizer Function Setting

1



Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



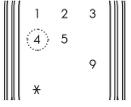
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



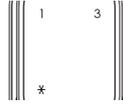
Press the **[*]** button after pressing the **[2]** button for the Additional Function Mode.

4

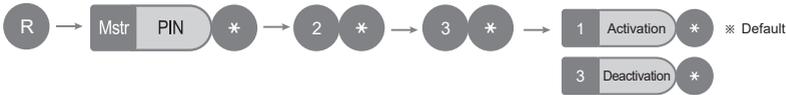


Press the **[*]** button after pressing the **[3]** button for the Randomizer Function Setting.

5

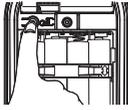


Press the random security mode and the **[*]** button.
* Default: Activation



2-Step Authentication Setting

1



Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



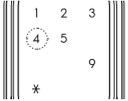
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



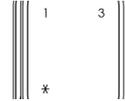
Press the **[*]** button after pressing the **[2]** button for the Additional Function Mode.

4

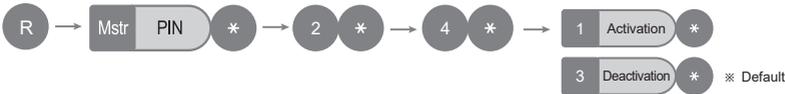


Press the **[*]** button after pressing the **[4]** button for the 2-Step Authentication Setting.

5

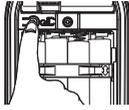


Press the 2-Step Authentication mode and the **[*]** button.
* Default: Deactivation



Handling the Lock

1



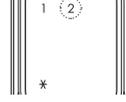
Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



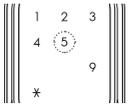
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



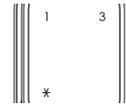
Press the **[*]** button after pressing the **[2]** button for the Additional Function Mode.

4



Press the **[*]** button after pressing the **[5]** button for the Handling the Lock Setting.

5

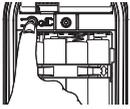


Press the lock direction and the **[*]** button.



WiFi Setting

1



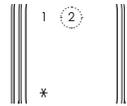
Open the battery cover of the Interior Unit and press the **[REG]** button briefly.

2



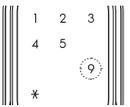
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[*]** button.

3



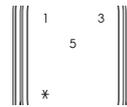
Press the **[*]** button after pressing the **[2]** button for the Additional Function Mode.

4



Press the **[*]** button after pressing the **[9]** button for the WiFi Setting Mode.

5



Press the WiFi setting mode and the **[*]** button.
* Default: WiFi use

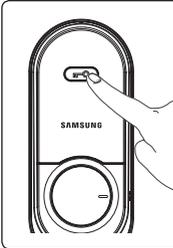


* WPS : Wi-Fi Protected Setup

Privacy Mode Functions

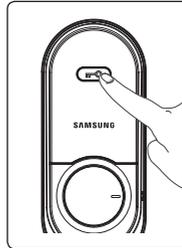
While the door is locked, press and hold the **[OPEN/CLOSE]** button for more than three seconds. As it is set from the inside, provides a secure lock for the convenience of the occupant(s). Privacy mode disables remote control capabilities.

Activating Privacy Mode



Press the **[OPEN/CLOSE]** button for 3 seconds while the door is locked.

Deactivating Privacy Mode



Press the **[OPEN/CLOSE]** button or turn the Thumbturn lever.

Away Mode Functions

After a user goes out, this function generates the alarm sound when an attempt is made to forcefully open the door from the inside.

In the Away mode, if someone tries to open the door from the inside, the emergency alert lamp on the outside blinks and the “beep- beep- beep-” alarm sounds for five minutes.

Activating Master Lock Mode



After the door is locked, press the **[#]** button within 3 seconds. And then enter the master PIN Code followed by the **[*]** button on the keypad.

Deactivating Master Lock Mode



Press the master password to open the door.

Note

If the alarm sounds, take the following measures:

- Outside: Enter the master(or user) PIN Code followed by the **[*]** button. Or place the registered fingerprint on the fingerprint sensor.
- Inside: Open the battery cover of the interior unit and remove the batteries or press the **[REG]** button. Or unlock the door by using Wi-Fi App.

MISCELLANEOUS

Miscellaneous Information

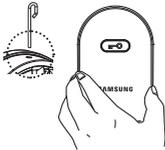
Replacing the Batteries

If you heard the voice "Replace the batteries" when unlocking the door with the PIN Code or the fingerprint, it is time to replace the batteries.

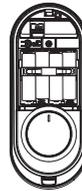
(The low battery indicator lights up when the voice sounds.)

Replace all 4 batteries within a week of the first alarm sound.

- The lock will stop operating suddenly if the batteries are not replaced.



Open the battery cover by using the cover pin and remove the battery bracket.



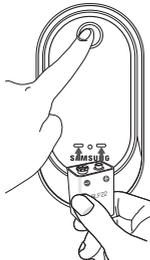
Replace all 4 batteries and connect the bracket and the battery cover.

Using the Emergency Battery

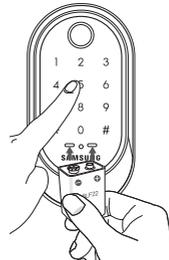
If batteries are not replaced after their replacement time comes, they will be completely discharged and the lock will not operate.

When connecting a 9V battery to the external power (emergency battery) contact on the outer body, you must use the fingerprint or enter the master(or user) PIN Code.

Note: For an emergency battery, use an 6LF22 (9V) alkaline battery.



Or

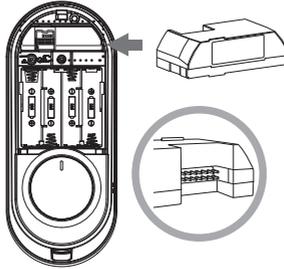


WiFi Setting

To wirelessly use the smartphone app, the WiFi module pack needs to be mounted.
WiFi connection is activated only when the door is closed. (WiFi band: 2.4GHz)

Note: Remove all the batteries before mounting the WiFi module pack. Once the batteries are inserted after mounting the pack, the WiFi module is automatically activated. After setting the use of the WiFi module, install the app in your smartphone.

Caution: When mounting the WiFi module pack, do not push the pack forcibly. If so, the module pack pin may be damaged or malfunction.



Initializing Interworking Information

When the registered WiFi interworking information is initialized, the PIN code or fingerprint registration information is not initialized.



Press the **[REG]** button for 5 seconds.

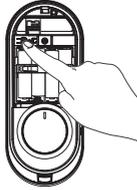


Enter the current Master PIN Code and press the **[*]** button.

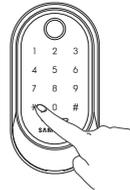
Reset to Factory Default

Resetting the lock will delete all registered information.

Note: All registered Master and user data will be deleted, and the lock will be reset to default settings.



Press the **[REG]** button for 5 seconds.



Enter the current Master PIN Code or "4560852580" and press the **[*]** button.

| Function | Factory Default |
|-----------------------|-----------------|
| Master PIN Code | 1234 |
| User PIN Code | None |
| Fingerprint | None |
| Volume | Mid-Level |
| Auto Lock Time | Manual lock |
| 2-Step Authentication | Deactivation |
| Randomizer Function | Activation |
| Wi-Fi Setting | Deactivation |

Restart Function

Note: Restarting does not delete registered information.

If there is no response after touching the **[Touchscreen]**, use a pin to press the **[Restart]** button on the left of the external power contact of the Exterior Unit.



Troubleshooting

When the lock doesn't function correctly, please check the items below.

If you can't resolve the problem, please contact the nearest service center.

| Problem | Resolution | Reference |
|---|---|-----------|
| There is no power. | <ul style="list-style-type: none"> ● Check if the batteries are inserted in the correct polarity. ● Check that the batteries have a full charge. ● Check that the Exterior Unit cable has not come loose. ● If the batteries are completely discharged, connect a 9V battery to the external power contact of the exterior unit, and use the fingerprint or enter the master(or user) PIN Code to activate. | Page 32 |
| I can't change the Master PIN Code. | <ul style="list-style-type: none"> ● There was a delay while changing the PIN Code. The touchscreen must be illuminated when changing the PIN Code. Also, after entering the first digit, the next digit must be entered within 60 seconds. ● Replace the batteries if they are discharged. ● Refer to the 'Changing the Master PIN Code' section in the user manual and try again. Ensure that the Master PIN Code is 4~12 digits long. | Page 16 |
| I can't register the User PIN Code. | <ul style="list-style-type: none"> ● The User Number has already been used. Delete the desired User Number and re-register. ● Ensure that the User PIN Code is 4~12 digits long. | Page 17 |
| I entered the PIN Code and pressed the [✖] button, but the door won't open. | <ul style="list-style-type: none"> ● Check that the registered PIN Code was entered correctly. ● If the touchscreen illumination turns off while entering the PIN Code, the button input was not registered. Touch the [Touchscreen] to illuminate the touchscreen and enter the PIN Code again from the beginning. (The touchscreen illumination is turned off automatically if there is no input within 5 seconds.) | Page 15 |
| I can't unlock the door with my Fingerprint. | <ul style="list-style-type: none"> ● The Fingerprint is either unregistered or unrecognized. ● The Fingerprint must touch the Fingerprint sensor correctly. | Page 15 |
| My PIN Code or Fingerprint is authenticated, but the door won't open. | The lock may be malfunctioning. Please contact service center. | - |

| Problem | Resolution | Reference |
|---|--|----------------|
| <p>The door won't lock automatically when I close it.</p> | <ul style="list-style-type: none"> ● Check if Auto Locking is set. When Manual Locking is set, touching the [Touchscreen] locks the door. ● If the door doesn't lock automatically when Auto Locking is set, then the lock has been installed incorrectly. ● The Auto Locking function is not activated when the batteries are completely discharged. Check if the batteries are discharged. | <p>Page 15</p> |
| <p>There is no response when I touch the [Touchscreen].</p> | <ul style="list-style-type: none"> ● Use a pin to press the hole on the front of the Exterior unit. ● If doing the above does nothing, contact the service center. | <p>Page 34</p> |
| <p>Device was communicating with the controller but is no longer communicating.</p> | <ul style="list-style-type: none"> ● Check if the power cord/batteries to the device has been disconnected or if the power switch is in the OFF position. ● Turn the power to the device OFF and then ON. The device should rejoin the controller automatically. | <p>-</p> |

Product Specifications

| Item | Specifications | |
|--------------------|---|--|
| Voltage | 4 AA Alkaline 1.5V Batteries (LR6) (6V) | |
| Operation Method | Electronic Control Method (PIN Code or Fingerprint) | |
| Weight | 2.1Kg (including both inside and Exterior Unit) | |
| Product Dimensions | Exterior Unit | 71 mm (W) x 136 mm (H) x 32.7 mm (D) |
| | | 2-3/4" (W) x 5-1/2" (H) x 1-9/32" (D) |
| | Interior Unit | 77 mm (W) x 184.1 mm (H) x 50.3 mm (D) |
| | | 3-1/32" (W) x 7" (H) x 2" (D) |

The content of this manual is subject to change without prior notice to the user in order to enhance the performance of the product.

RF Standard

| Item | Frequency | Radio Wave Type | Modulation | Communication | Use |
|--|-----------|-------------------|---------------------|---------------|----------------------|
| RF device for wireless data communication system | 2.4 GHz | IEEE 802.11 b/g/n | DSSS CCK OFDM | Semi-duplex | DC 6V(1.5V AA x 4EA) |

FCC NOTICE

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.

CAUTION :

- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.
- This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment.

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

 LIMITED PRODUCT WARRANTY **Installation of the product is considered acceptance of warranty conditions**

SAMSUNG SDS CO., LTD (SAMSUNG SDS) warrants its products to be free from manufacturing defects in materials and workmanship for 12 months from the date of purchase. SAMSUNG SDS will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. SAMSUNG SDS does not warrant the performance or sale conditions of the seller/installer.

There are no warranties, express or implied, which extend beyond the description on the face hereof. There is no express or implied warranty of merchantability of a warranty of fitness for a particular purpose. Additionally, this warranty is in lieu of all other obligations or liabilities on the part of SAMSUNG SDS.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period. In no case shall SAMSUNG SDS be liable to anyone for any consequential or incidental damages for breach or this or any other warranty, express or implied, even if the loss or damage is caused by the seller's own negligence or fault.

SAMSUNG SDS shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. SAMSUNG SDS and its distributor will not be responsible for any dismantling, reassembly or reinstallation charges. This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly cancelled. SAMSUNG SDS neither assumes, nor authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products. In no event shall SAMSUNG SDS be liable for an amount in excess of SAMSUNG SDS's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder. SAMSUNG SDS recommends that the entire system be completely tested weekly.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. SAMSUNG SDS does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur.





Consequently, seller shall have no liability for any personal injury, property damage, or other loss based on a claim the product failed to give warning.

Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage. SAMSUNG SDS is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to SAMSUNG SDS's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In case of the product defect, contact our authorized Customer Service Center. In order to exercise the warranty, you must contact our authorized Customer Service Center and obtain a proper RMA # - the product must be returned to our authorized Customer Service Center at user's shipping expense and the replacement product will be shipped back at our expense.

For product service, the product in all cases must be accompanied by below warranty form. Customer must ask the reseller or installer to fill out the warranty form indicated below, otherwise the product warranty may be considered void.

Visit our website at smarhome.samsungsds.com and go to Support menu to find the contact information of our worldwide distributors.



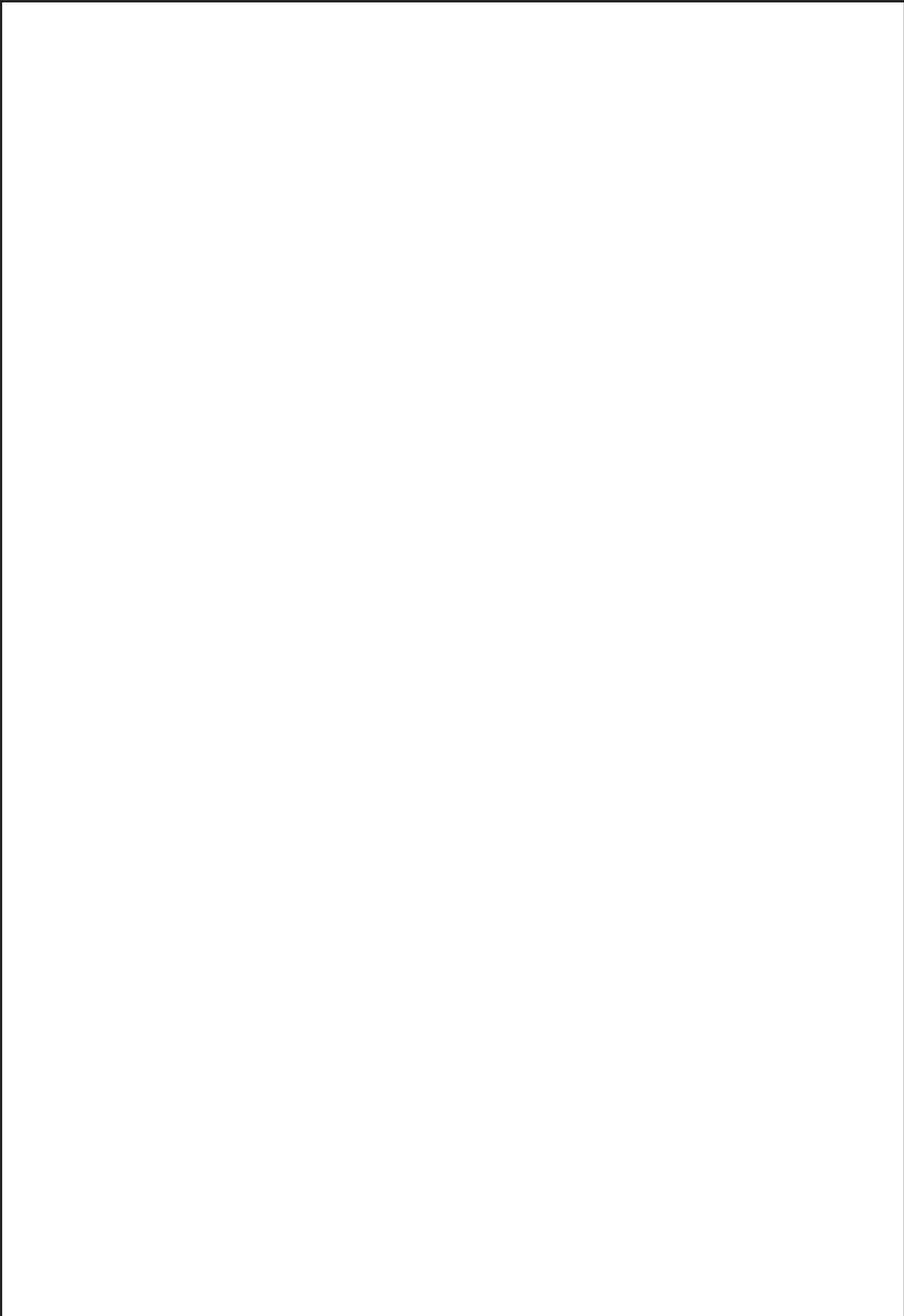
Date of Purchase or Installation : _____ (MM/DD/YY)

Name, telephone and full address of purchaser : _____

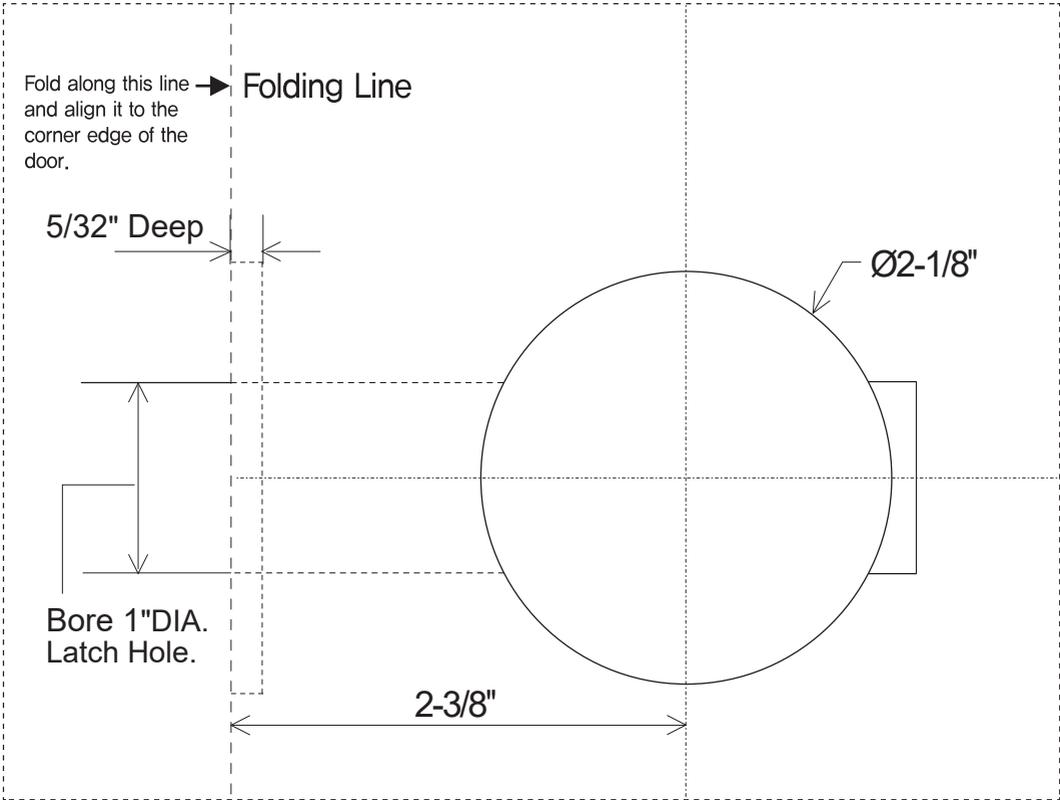
Stamp or Signature of authorized reseller / installer

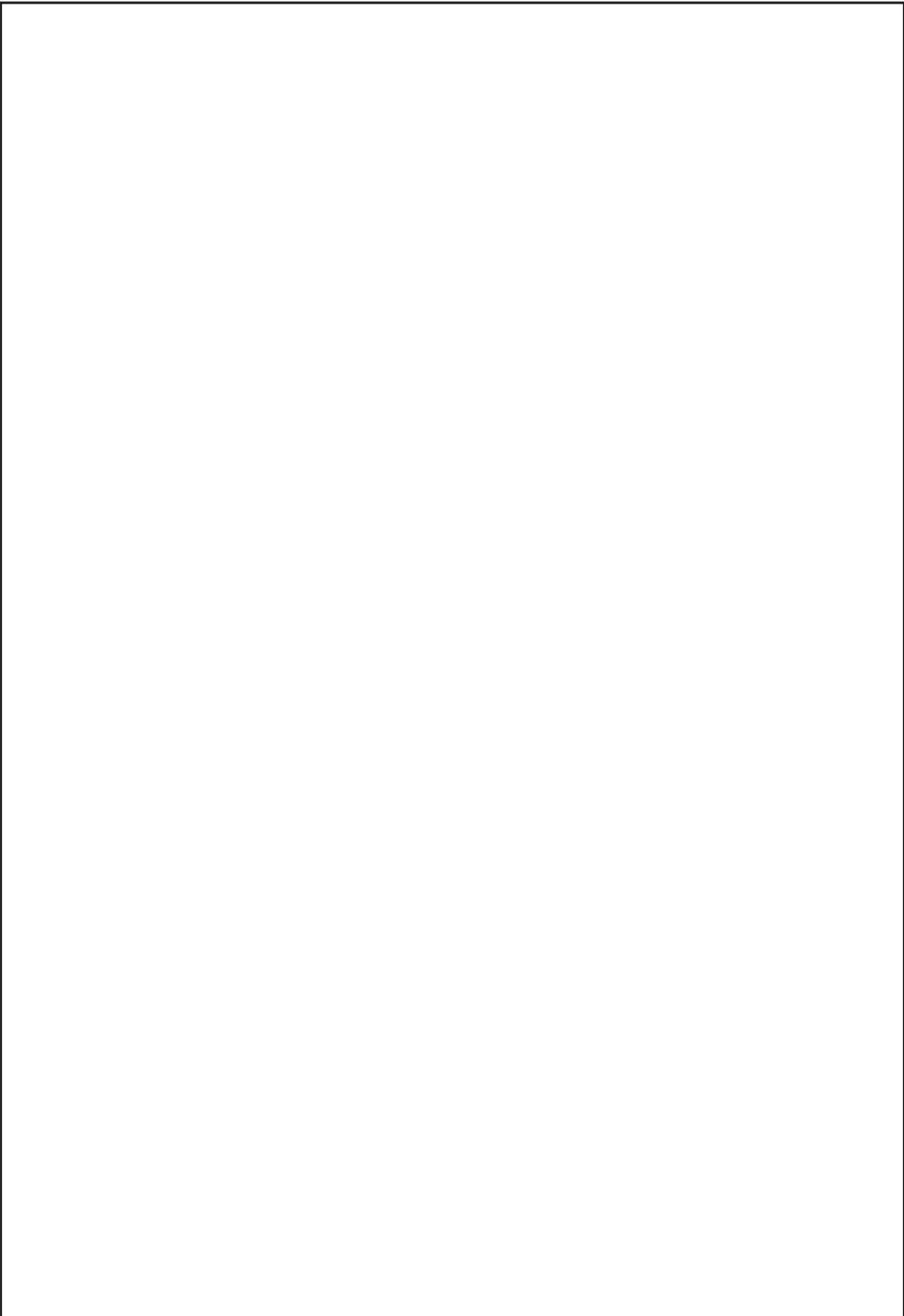
Product Code and Serial Number :



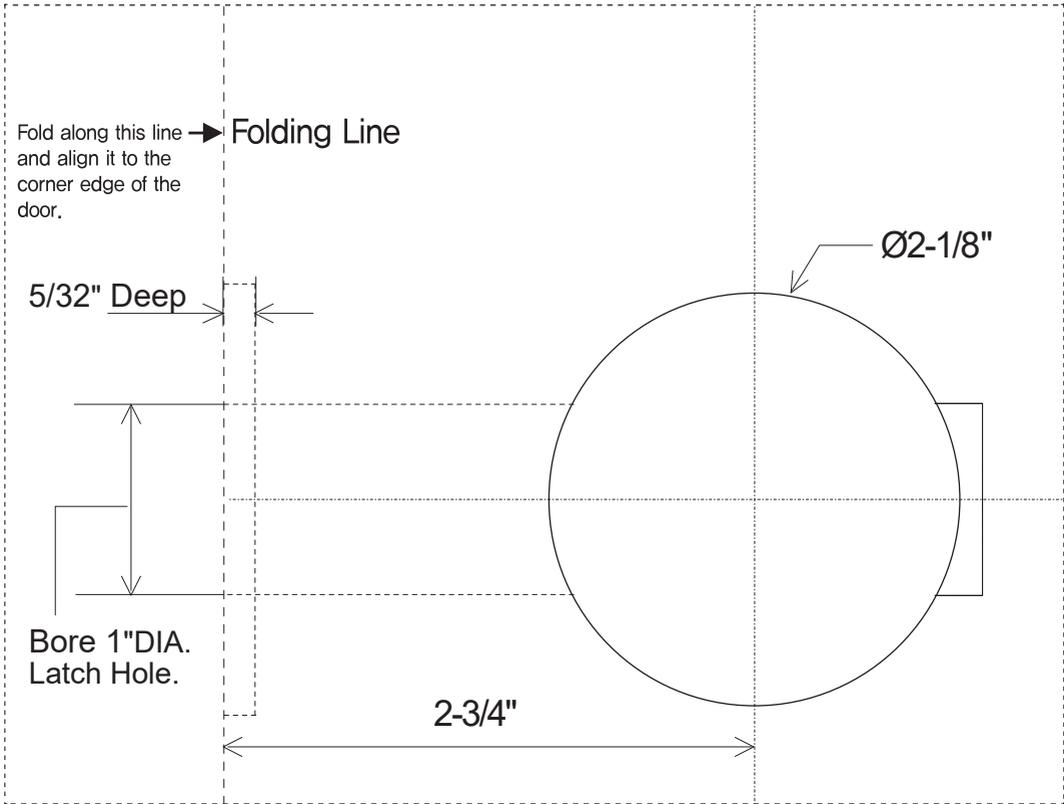


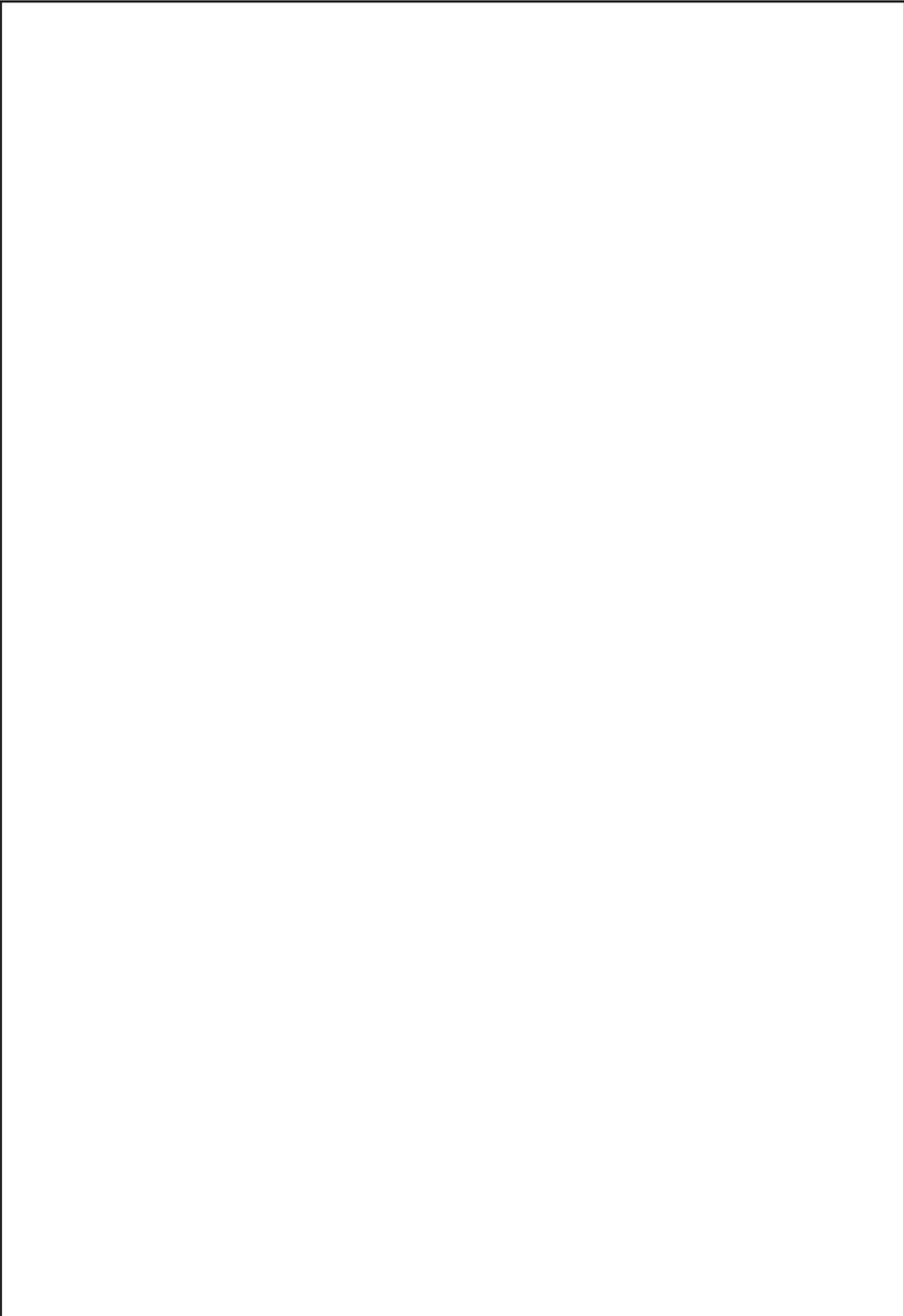
Drilling Template Sheet : 2-3/8" (60mm) Backset

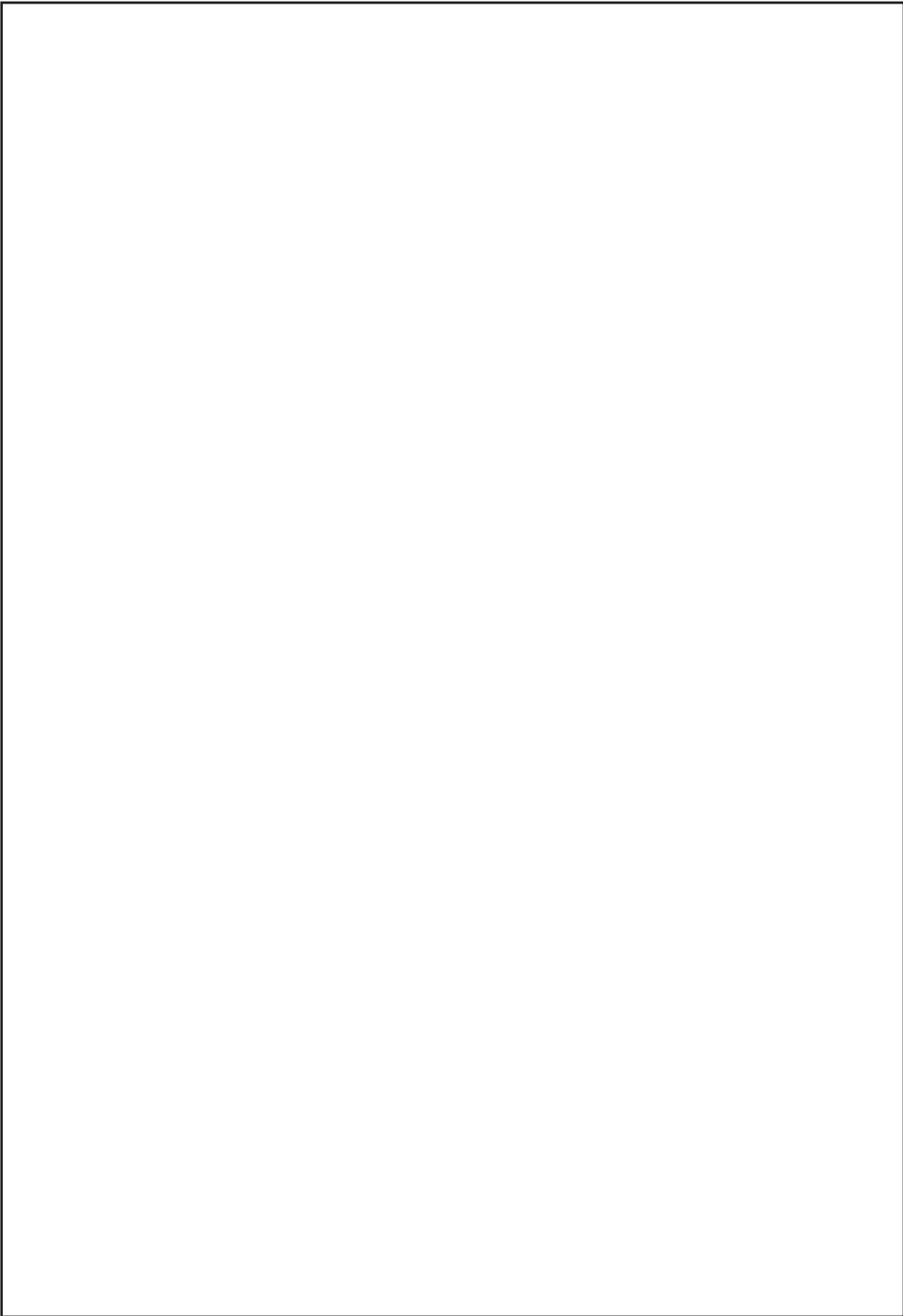




Drilling Template Sheet : 2-3/4" (70mm) Backset







Product information and customer service contact

SAMSUNG SDS

SAMSUNG SDS Co.,Ltd., reserves the right to change availability of any item in this catalog, its design, construction, and/or its materials.

Copyright © 2019, SAMSUNG SDS Co.,Ltd. All right reserved.

Reproduction in whole or in part without the express written permission of SAMSUNG SDS is prohibited.