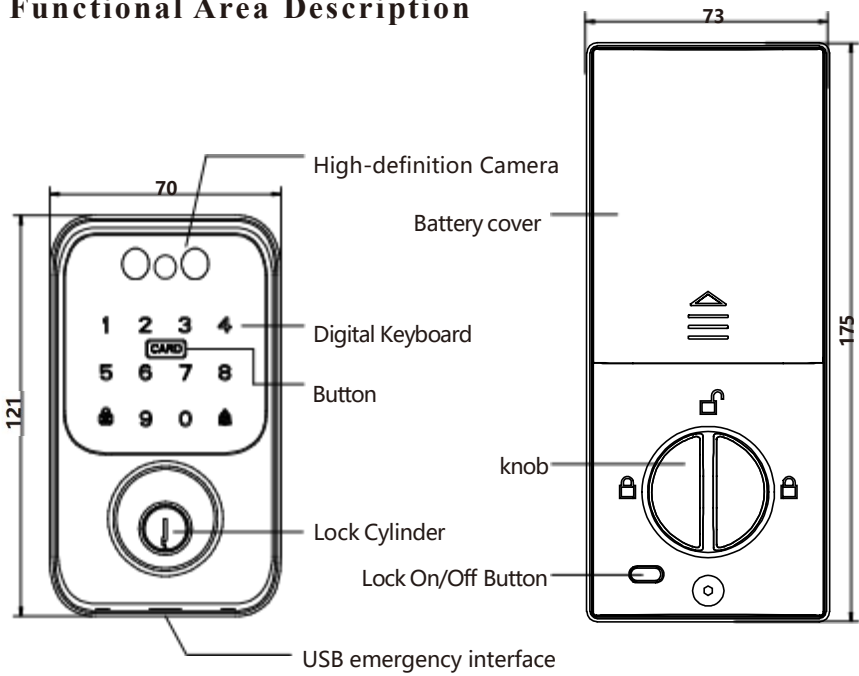




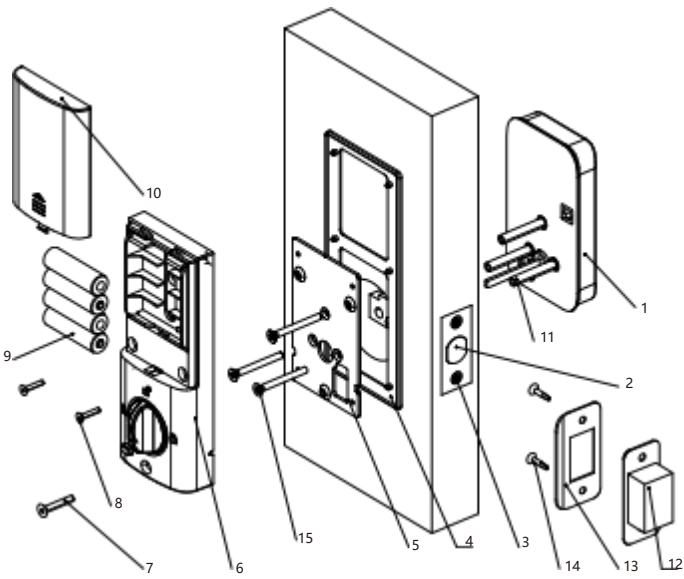
Smart digital door lock
D002

Installation Instructions

I.Appearance Dimensions and Functional Area Description



II. Installation Guide

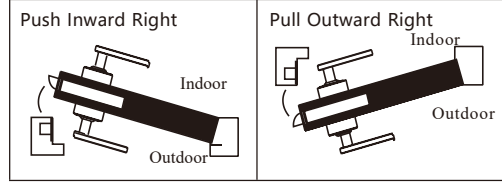


①	Front panel x 1
②	Lock TongueX1
③	Lock Tongue Fixing ScrewsX2
④	Rear Adhesive PadX1
⑤	Rear bottom plateX1
⑥	Rear Base PlateX1
⑦	Rear Panel Fixing Screw -25mmX1
⑧	Rear Panel Fixing Screw -15mmX2
⑨	Battery number 5X4
⑩	Battery coverX1
⑪	Screw thread tubeX3
⑫	Lock boxX1
⑬	Door plateX1
⑭	Fixed door plate screwsX2
⑮	Fixed rear bottom platescrews -35mmX3

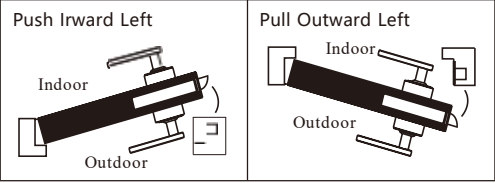
III. Pre-installation Preparation

1. Confirm the door opening direction

① Right Opening Door



②Left Opening Door

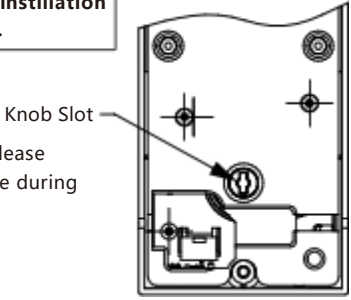


V. Lock installation

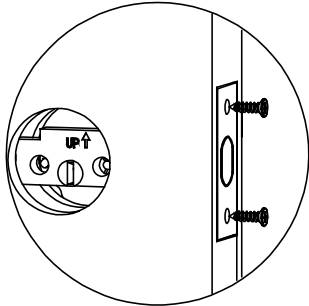
1. According to the hole opening diagram, make the instillation hole on the door (omit if no hole opening is needs).

2. Install the locks

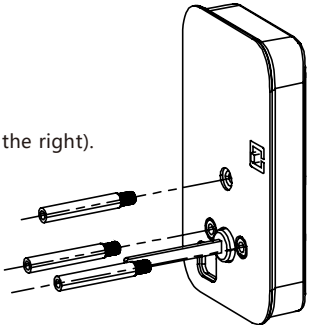
2-1 Since the installation of this lock is not directional, please ensure that the knob slot is levelwith the horizontal plane during installation (as shown in the right diagram).



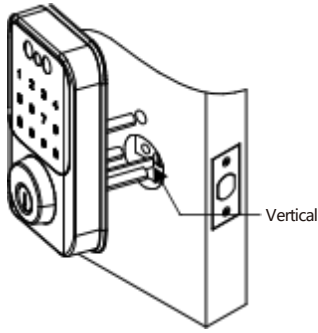
2-2 Lock body installation: For left-opening doors, the arrow iconon the lock body should point upward ;(as shown in the right diagram) .



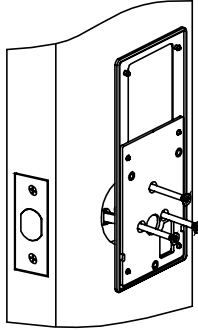
2-3 Install the three screw tubes to the cover plate (as shown on the right).



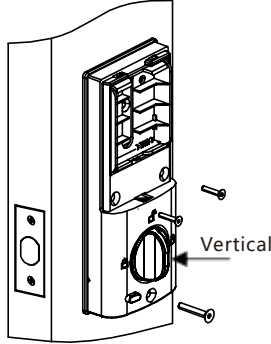
2-4 Front panel installation: Remove the key, rotate the lock head adjustment piece to the vertical po-sition, and ensure it can freely rotate 90° to the left and right, Pass the motherboard connectorwire through the door hole from below the lock tongue (as shown in the right diagram).



2-5 Installation of the rear bottom plate: First, pass the motherboard connection wire through therubber pad, adjust the rear bottom plate to the appropriate position, and secure it with M4X30cross recessed screws; open the lock head cover, insert the key, rotate it left and right, and testwhether the lock tongue extends and retracts smoothly (as shown in the right diagram).

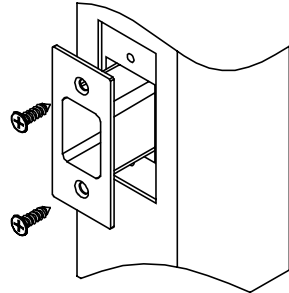


2-6 Installation of the rear panel: First, insert the motherboard connection wire into the corresponding plug on the rear driveboard, keep the knob in a vertical position, insert the lock head rotating piece, and secure it with screws; rotatethe knob and test whether the lock tongue extends and retracts smoothly (as shown in the right diagram). Insert the battery,and attach the battery cover



2-7 Door plate installation: Install the door plate at the position corresponding to the lock tongue (as shown in the right diagram).

* Note: By installing in this way, there is no need to set the unlocking direction. After the lock is installed, turn the knob tolock and unlock, and this lock will automatically recognize the unlocking direction.



Doodle Bluetooth APP operating instructions



Scan the QR code to download the Tuya APP
or search for the Tuya APP in the app market



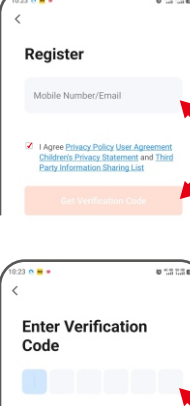
Registration and Login

After opening the APP, enter the login interface, and users who have not yet registered log in immediately after registration. Support registration with mobile phone number/email, and support verification code and code login. Turn on the relevant permissions for the APP in the mobile phone settings to use.

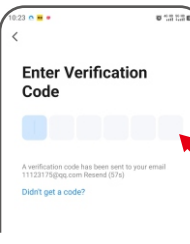


Register

Step 1:
Click here to register



Step 2:
Fill in your mobile phone number or email address and click Get verification code



Step 3:
Enter the verification code
Complete the registration

Add a device

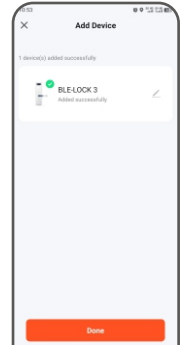
The mobile phone system needs to turn on Bluetooth and positioning functions. If you enter the home page for the first time and have not added a smart lock, directly click the "Add Device" button or click the  key in the upper right corner to add the device (press 8 to request to add Graffiti APP in the initial state of the door lock, and if it has been added, the administrator needs to enter # 8 # + management password authorization to request to add Graffiti APP) to find the door lock device in the distribution network mode, and then add the device. Note: The initial password is 0123456789.



Step 1:
Click Add device



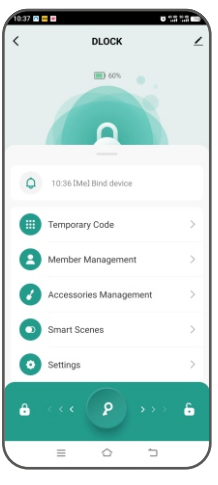
Step 1:
Click Add device



[Add Success]

Introduction to Door Lock Functions

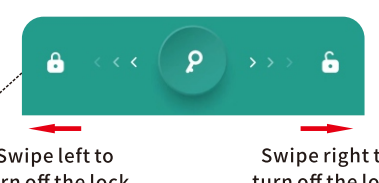
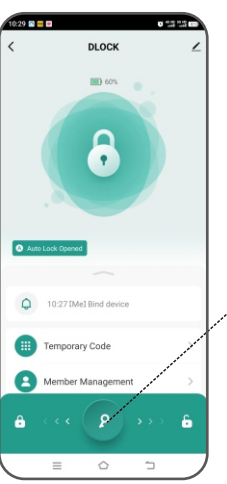
Select the corresponding door lock device on the "Home" interface to enter the door lock function page.



[Door Lock Management]

- Unlocking records**
Unlocking records
- Temporary code**
Aging code generation for temporary use
- Member management**
Add or remove member information, add member fingerprints, codes, and cards
- Accessories management**
- Intelligent application**
Intelligent linkage, door lock alarm abnormal
- Setting**
Automatic locking, door lock volume, voice setting, etc. can be set
- Switch lock**
Tap Slide to switch the lock on and off

Switch Lock

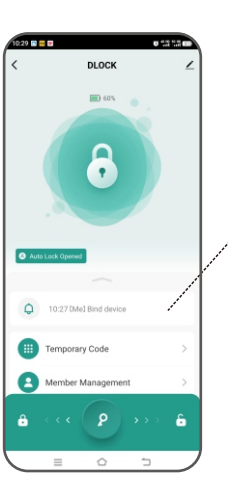


Swipe left to turn off the lock

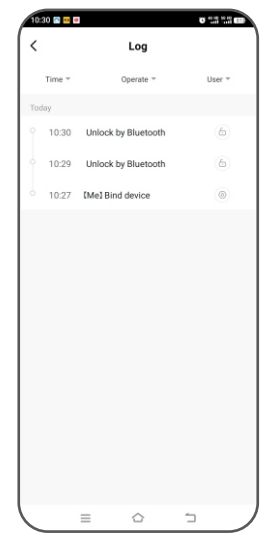
Swipe right to turn off the lock

***Note: This function can only be used within the range of the door lock connecting to Bluetooth.**

Unlocking Records



[Message Entry]
Click the Message option to enter the message log



[Message Log]
Displays the alarm message and operation record of the lock

Temporary Code

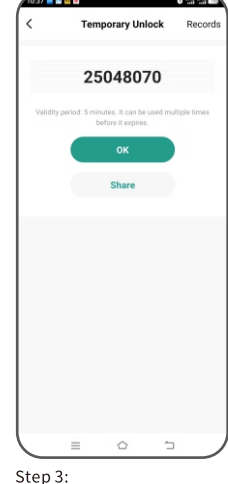
Obtain a temporary code, which is of the "dynamic" type, valid for 5 minutes, and can be used multiple times before expiration.



Step 1:
Click Temporary Code to enter



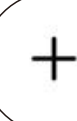
Step 2:
Click Get Code



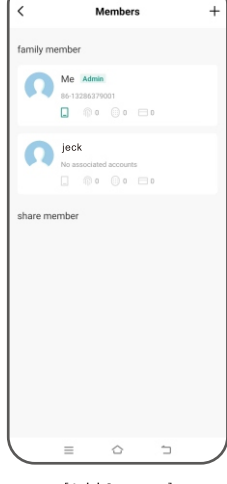
Step 3:
(1) Save the code and click OK to use
(2) Click Share to send the code to a friend for use

Member management

Other members can be added to manage and use door locks together, and the member roles include administrators and regular members.



Step 1:
Click the + key to enter



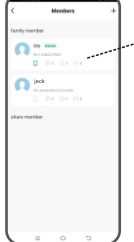
[Add Success]
View member information, edit information



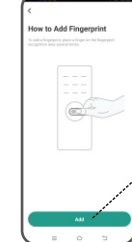
Step 2:
(1) Fill in the member name and account number
(2) Set family roles
(3) Click Save

Member Management/Add Fingerprints

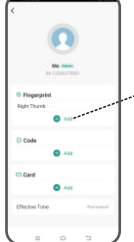
In "Member Management", you can enter the member function page according to the operation authority of the role, and manage the fingerprint, code, card, and time limit of the member.



Step 1:
Click Member information to enter



Step 3:
Click Start after adding
Place the same finger in the fingerprint recognition area and enter it 4 times

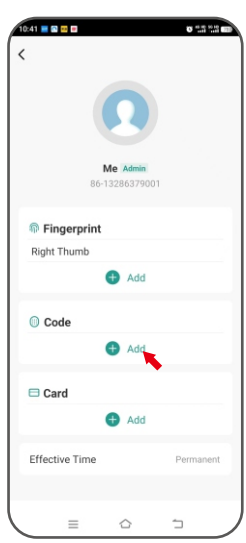


Step 2:
Select Add fingerprint

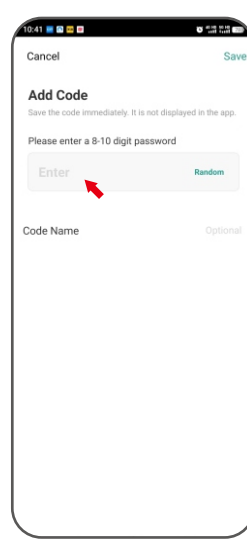


Step 4:
Fill in the fingerprint name
Click OK

Member Management/Add Codes

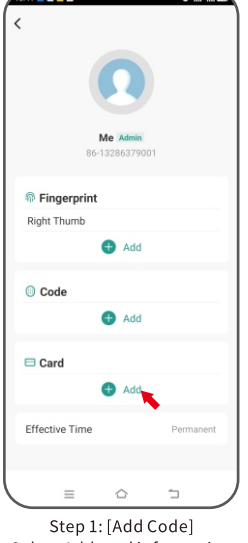


Step 1: [Add Code]
Select Add code information

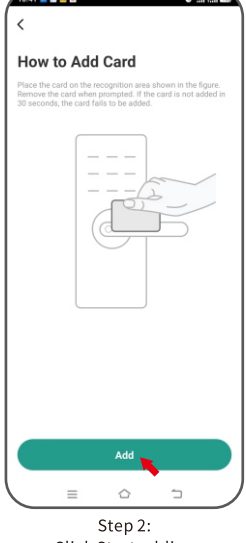


Step 2: [Add Code]
Enter your code and name and click Save

Members Management/Add Cards

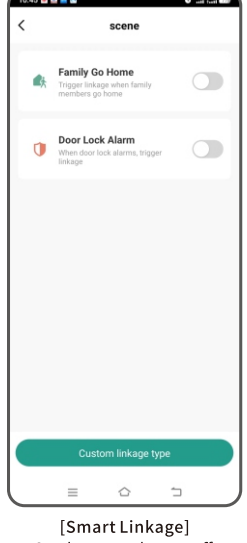


Step 1: [Add Code]
Select Add card information



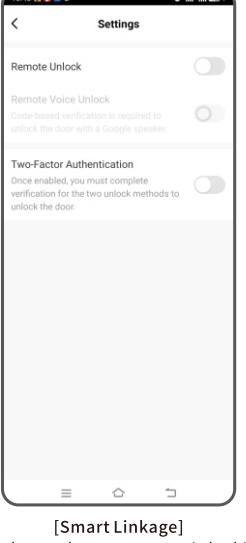
Step 2:
Click Start adding
Place the card in the door lock sensing area recognition added

Smart Applications



[Smart Linkage]
Can be turned on or off, family home information, door lock alarm

Setting



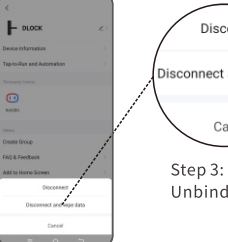
[Smart Linkage]
It can be used to set automatic locking, door lock volume, door lock language and other functions

Remove The Door Lock

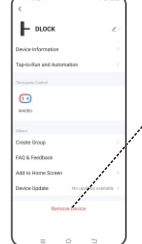
Door lock information can be removed, unbound and data cleared



Step 1:
Click here to enter the Remove Interface



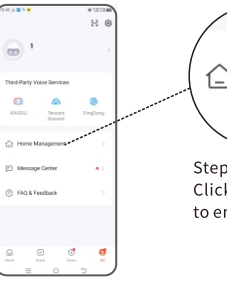
Step 3:
Unbind and clear data



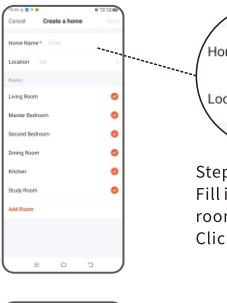
Step 2:
Click Remove device

Home Management

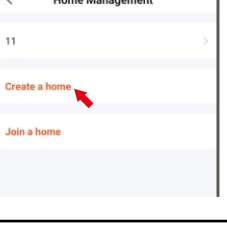
In the "My" interface, you can enter the "Home Management" option to create, join, modify, and delete home units.



Step 1:
Click Home Management to enter



Step 3:
Fill in the name, location, room information
Click Save



Step 2:
Click Create a new home or Join a home



Step 4:
(1) Select the created home to enter the home settings
(2) Click Add Member to send the invitation

Operation Manual Graffiti Bluetooth Standalone

I. Description of standalone operation functions

Factory status: The management password is 0123456789. Any card or fingerprint can be unlocked, and it automatically expires after a valid administrator is configured. After the system is initialized, restore the default password. After adding and configuring a valid administrator key, use the valid key to authorize all function settings in the lock.

Note:
In the initial state, the wake-up door lock system prompts "Please press 8 to configure Bluetooth". After pressing 8, add a door lock to the app

# 1 # Add an admin key	When the administrator password is not set, enter #1#+0123456789# -> Enter the new administrator password # -> Enter the same password again #. Note: The system's default temporary unlock password is 0123456789. After any administrator is successfully configured, the temporary password automatically expires;
# 2 # Add a normal user key	Enter # 2 # -> Enter administrator key authorization -> Enter user password/if fingerprint or card to be added; Add password -> Enter a valid key according to the voice prompts, and enter the same valid key again to confirm. Add card -> Swipe the card you need to prepare according to the voice prompts. Add fingerprint -> Press your finger repeatedly on the fingerprint collector according to the voice prompts. Note: When configuring the card, there is no need for a second confirmation;

# 3 # Change the key	Enter #3# to enter the key modification operation (both administrators and users can modify it). Enter the original key and press # to confirm. The blue light starts to flash. Enter the new key and press # to confirm. Enter the key again and press #. Note: Modifying the key is only for password modification operations. Modification operations for cards and fingerprints will not be provided and can only be deleted and added.
# 4 # Delete a regular user	Press # 4 # to enter the management key authorization, delete all added ordinary user keys (# 2 # added keys), delete the successful voice prompt "Successful operation", and exit the system; Note: User keys cannot be deleted as a single key, all keys must be deleted;
#5# Dual key unlock mode	Enter #5 #, enter the management key authorization. The voice prompts "Operation success" to enter the dual-key unlocking mode. 2 keys are required to confirm success at the same time before unlocking. Note: To cancel dual-key mode, repeat operation #5#, and the voice prompts "Set single-key mode, please authorize" and enter the management key to confirm, and restore to normal mode;
#6# Turn on always-on mode	Enter #6 # enter the management key authorization. The voice prompts "Operation success" to enter the regular opening ceremony. The door lock is open, and you can open the door by turning the doorknob. To release the normally open mode, use any valid key to successfully unlock the door once, and the door lock is released from the normally open state.
#7# Add remote control	Enter #7 #+ administrator key on the lock to authorize the remote control according to the lock voice prompt operation; press the lock key for 5 seconds for the remote control to quickly flash the green light on the remote control to enter the configuration state. The remote control's green light quickly flashes to enter the configuration state. Once the green light on the remote control is on, it goes out, and the voice prompt "Operation success".

#7# Add remote control	Note: 1. The remote control can only be configured if it is in the initial state (press the unlock or unlock key and the green light and red light flash each flash to turn off) 2. Initialize the remote control: press and hold the unlock key on the remote control for 5 seconds -> the traffic light flashes alternately -> then press the lock key -> the red light stays on and off)
#8# Add a Bluetooth graffiti app	Enter #8 #+ administrator key on the lock to authorize, and follow the lock voice prompts to operate the phone to add the Bluetooth graffiti app. After the configuration is successful, the voice prompts "Operation success". Note: Bluetooth is enabled on the phone -> Location Services
#9# Chinese-english bilingual switching	Enter #9# -> Enter the administrator key authorization to enter Chinese and English bilingual switching; switch the current voice after the operation is successful.
# 0 # Initialize the operation	Press #0#, enter the administrator key for authorization and press # to confirm, enter the initial user operation, delete all information of all users, the voice prompts "operation successful", and restore factory settings.
hardware initialization	Press and hold the initialization key for 3 seconds, the system directly enters the deletion operation, the red and blue lights flash quickly, all administrator and user information is deleted, the initialization is successful, and the factory settings is restored.

II. Technical parameters

Bluetooth standards	Bluetooth 4.2 BLE
Supported mobile phone systems	Android 4.3 /IOS7.0 or higher
Power supply method	4 alkaline batteries
Low power alarm voltage	4.8V
voltage range	4.5~6.5V
Standby current	55 microamperes
Working current	Less than 200 mA
Unlock time	≈ 1.5 seconds
Operating temperature range	-20~70°C
Key type	capacitive touch keys
Number of passwords	Custom Password 50
Number of IC cards	200 pcs
Fingerprint capacity	100 pcs
Unlock	App, password, fingerprint, IC card, mechanical key
False Accept Rate (FAR)	<0.001%
False Rejection Rate (FRR)	<1.0%

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.

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

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.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.