

SAFETY NOTE

1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children shall not play with the appliance.
3. Cleaning and user maintenance shall not be made by children without supervision.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. WARNING: the drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
6. The instructions shall status that the A-weighted emission sound pressure level of the drive is equal to or less than 70 dB(A), e.g. by writing $L_{pA} \leq 70 \text{ dB(A)}$.
7. The mass and the dimension of the driven part shall be compatible with the rated torque and rated operating time.
8. The type of driven part the drive is intended for.
9. WARNING: Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.
10. Do not allow children to play with fixed controls. Keep remote controls away from children.
11. Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
12. Watch the moving shutter and keep people away until the shutter is completely closed.
13. WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
14. Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.
15. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
16. Children should be supervised to ensure that they do not play with the appliance.
17. Disconnect the drive from the supply or switch off the automatic controls when maintenance, such as window cleaning, is being carried out in the vicinity.

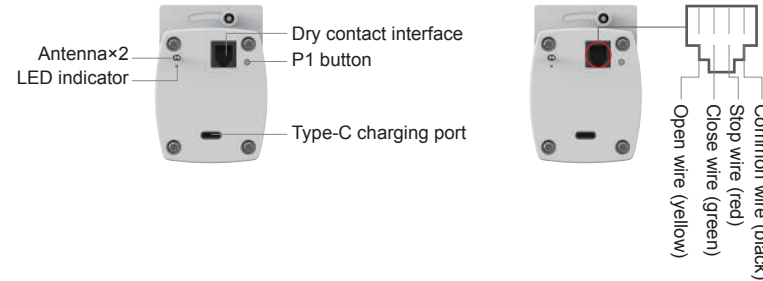


Li-ion



Do not dispose of in general waste.
Please recycle batteries and damaged electrical products appropriately.

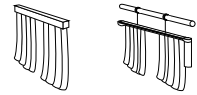
Product Introduction



Features

- Matter over Thread
- Electronic Limit Memory
- Stall Protection
- Run/Stop By Pulling Fabric
- External Switch Function
- Built-in Receiver
- Preferred Stop Position
- Hand Pull Start/Soft Start and Soft Stop/Anti Fabric Compression
- Switch Direction
- Manual-set the Open and Close Limits
- Reset to Factory Mode

Fields of Application



For motorized curtain and motorized lift curtain.

Specifications

Working Temperature: -10°C~60°C	Radio Frequency: 433.92 MHz
Input voltage: 5 VDC	Max. Single Running Time: 4 min

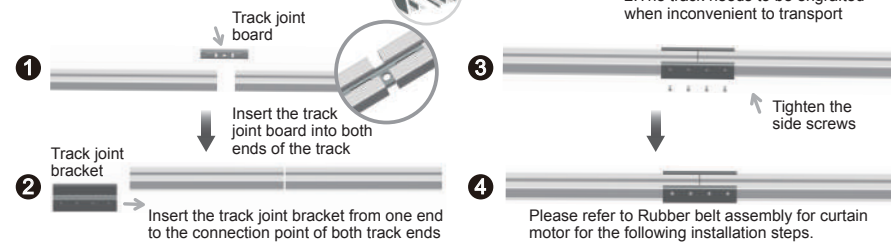
* For more motor models and specific torque, please refer to the nameplate.

Caution

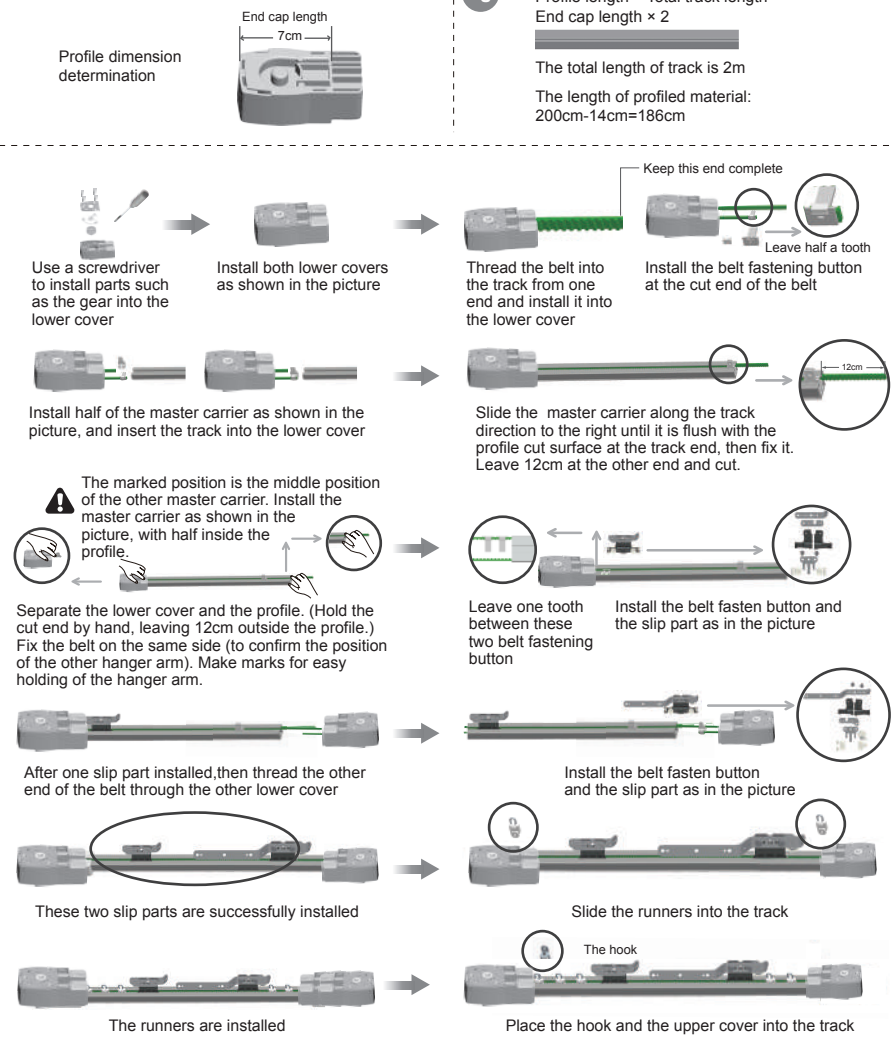
1. Do not expose motor to humid or extreme temperature conditions.
2. Do not cut the antenna and keep it clear from metal objects.
3. Do not allow children to play with this device.
4. If power cable or connector is damaged, do not use.
5. Ensure power cable and aerial are clear and protected from moving parts.
6. Cable routed through walls shall be properly isolated.
7. Before installation, remove unnecessary cords and disable equipment not needed for powered operation.
8. Installation and programming to be performed by a qualified professional, use or modification outside the scope of this instruction may void warranty.

Motor Installation

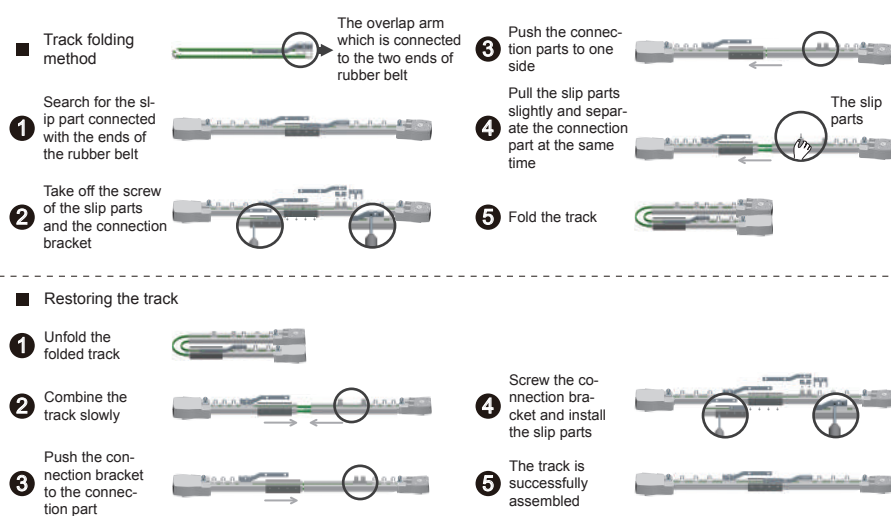
1 The joint assembly of track



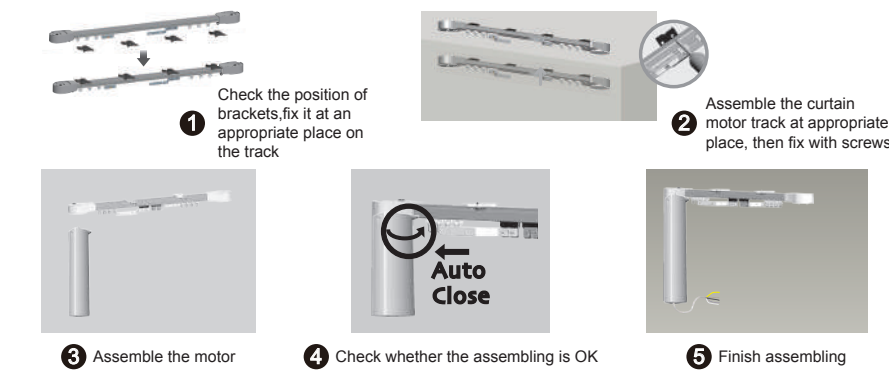
2 Rubber belt assembly for curtain motor



3 Folding method for joint track (for easy transit)



4 Curtain motor installation



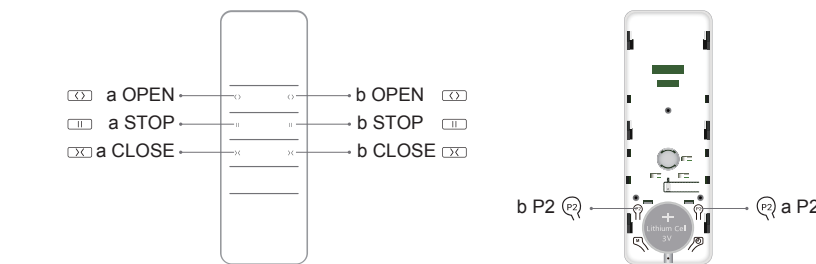
Important Safety Instructions To Be Read Prior To Operation.

Setting Notice

Please read following points of attention carefully before setting.

1. Don't operate the motor when there is low voltage alarm.
① During motor operation, if the battery voltage is low, the motor will stop and beep 5 times as a reminder to recharge.
② When the motor is plugged into the charger, the red LED will light up if the battery is low; otherwise, the green LED will light up.
③ When the battery is fully charged, the green LED will light up; when the charger is unplugged, the LED will turn off.
2. Operation:
① Please operate the buttons within 10 seconds. The emitter will exit the setting mode if no operation is performed within this time.
② The motor LED will flash or beep as a reminder after every setting step, please perform the next step after the reminder.
3. Limits setting:
① After installing the curtain motor, please set the limits before usage.
② After the settings are completed, the motor retains memory. Upon each power restoration, open or close the curtain once to restore the limits.
③ After replacing the track or the curtains, please cancel the limits then reset again.
4. If the paired emitter is lost, pair a new one following the same steps.
5. Soft start and soft stop: when the curtain is running, the running speed is from slow to fast, and when it is close to the limit position, the speed is from fast to slow, and the action is more elegant.
6. Stall detection: The motor will stop automatically when it encounters resistance during operation to avoid accidents. If the motor encounters resistance at the same point three times in a row, use this point as the reference point to correct the limit, but the total limit length remains unchanged.
7. One motor can store a maximum of 10 remote control channels. Once full, pairing a new channel will overwrite the least recently used channel (in a circular manner).

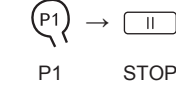
Button Instructions



Essential Settings

Step 1 to 3 must be completed to ensure proper operation.

1 Pairing



Press and hold the P1 button for 2 seconds (1 flash), release the button, the motor beeps once, within 10 seconds, press and hold the STOP for 2 seconds (5 flashes and 3 beeps), new emitter is paired to the motor.

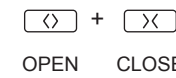
• Repeating this procedure will delete the newly paired emitter.

* When the motor is powered on, if the emitter has not been paired, it will enter the pairing status and remain there for 10 seconds.

2 Switch Rotating Direction (Optional)

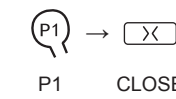
Press OPEN and motor is closed, try below to switch direction.

Method 1



When the limits are not set, press and hold the OPEN and CLOSE buttons simultaneously for 2 seconds (5 flashes and 3 beeps), the direction is switched successfully.

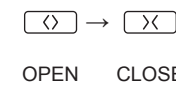
Method 2



Press and hold the P1 button for 10 seconds, the LED will flash 3 times. After releasing the button, the motor beeps 3 times. Press CLOSE once (5 flashes and 3 beeps), the direction is switched successfully.

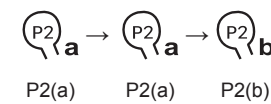
* After the direction has been switched, the limits will be deleted and needs to be reset.

3 Setting Limits



Press OPEN once, the curtain will open until it stops against obstacle, the open limit is set. Then press CLOSE once, the curtain will close until it stops against obstacle, the close limit is set. When both the open and close limits are set successfully, the motor LED flashes 5 times and beeps 3 times, the limit is set successfully.

4 Pairing/Deleting Additional Emitter



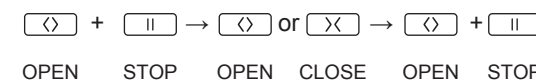
Press P2 once (1 flash and 1 beep) and P2 once again (1 flash and 1 beep) on the existing emitter, press P2 once on the new emitter (5 flashes and 3 beeps), new emitter is paired to the motor.

• Repeating this procedure will delete the newly paired emitter.

* (a) as existing emitter, (b) as new emitter to pair/delete.

5 Manual-set/Remove the Open and Close Limits

1 Manual-set/remove the open limit



After setting the limits, after operating the curtains to the desired open limit position, press and hold the OPEN and STOP buttons simultaneously for 5 seconds (1 slowly flash and 1 long beep), press OPEN or CLOSE button or manually pull the curtain to adjust it to the desired open limit position, press and hold the OPEN and STOP buttons simultaneously for 2 seconds (5 flashes and 3 beeps), the new open limit is set.

• Repeating this procedure will remove the open limit.

2 Manual-set/remove the close limit

⏮ + ⏪ → ⏩ or ⏮ → ⏮ + ⏪

CLOSE STOP OPEN CLOSE CLOSE STOP

After setting the limits, after operating the curtains to the desired close limit position, press and hold the CLOSE and STOP buttons simultaneously for 5 seconds (1 slowly flash and 1 long beep), press OPEN or CLOSE button or manually pull the curtain to adjust it to the desired close limit position, press and hold the CLOSE and STOP buttons simultaneously for 2 seconds (5 flashes and 3 beeps), the new close limit is set.

• Repeating this procedure will remove the close limit.

* After entering the adjusting mode, the hand pull start function is disabled, and it is restored after exiting the adjusting mode. If the new limit position is not confirmed within 2 minutes, the motor will automatically exit the setting status and the limit position will remain unchanged.

6 Add/Delete A Preferred Position

⏮ → ⏪ → ⏪

P2 STOP STOP

After setting the limits, the motor moves to the desired preferred position. Press P2 once (1 flash and 1 beep), press STOP once (1 flash and 1 beep), press STOP once again (5 flashes and 3 beeps), the preferred position is set.

• Repeating this procedure will delete the preferred position.

* Press and hold the STOP for 2 seconds, the motor moves to the preferred position automatically and stop.

7 Remove All Limits

⏮ → ⏮ → ⏮

P2 CLOSE P2

Press P2 once (1 flash and 1 beep), press CLOSE once (1 flash and 1 beep), and press P2 once again (5 flashes and 3 beeps), all limits are removed.

8 Run/Stop By Pulling Fabric

⏮ → ⏪

P1 STOP

Press and hold the P1 button for 10 seconds, the LED will flash 3 times. After releasing the button, the motor beeps 3 times, press STOP once (5 flashes and 3 beeps), the Run/Stop by pulling fabric function is disabled.

• Repeating this procedure will enable the run/stop by pulling fabric.

* The run/stop by pulling fabric function is enabled by default.

9 Low-voltage Switch Modes

1 Dual pushbutton switch mode (Factory default)

⏮ → ⏮ → ⏮

P1 P2 P1

Press and hold the P1 button for 10 seconds, the LED will flash 3 times. After releasing the button, the motor beeps 3 times, press P2 button once (1 flash and 1 beep), then press and hold the P1 button for 2 seconds (5 flashes and 3 beeps), the mode is switched successfully.

2 Dual button interlock switch mode

⏮ → ⏮ → ⏮

P1 P2 P1

Press and hold the P1 button for 10 seconds, the LED will flash 3 times. After releasing the button, the motor beeps 3 times, press P2 button twice (2 flashes and 2 beeps), then press and hold the P1 button for 2 seconds (5 flashes and 3 beeps), the mode is switched successfully.

3 Three button electronic switch mode

⏮ → ⏮ → ⏮

P1 P2 P1

Press and hold the P1 button for 10 seconds, the LED will flash 3 times. After releasing the button, the motor beeps 3 times, press P2 button 3 times (3 flashes and 3 beeps), then press and hold the P1 button for 2 seconds (5 flashes and 3 beeps), the mode is switched successfully.

4 Single button cycle switch mode

⏮ → ⏮ → ⏮

P1 P2 P1

Press and hold the P1 button for 10 seconds, the LED will flash 3 times. After releasing the button, the motor beeps 3 times, press P2 button 4 times (4 flashes and 4 beeps), then press and hold the P1 button for 2 seconds (5 flashes and 3 beeps), the mode is switched successfully.

• Dual pushbutton switch mode:

Press the open button of the switch once, the curtains will open, press it again, the curtains will stop;

Press the close button of the switch once, the curtains will close, press it again, the curtains will stop.

• Dual button interlock switch mode:

Press the open button of the switch once, the curtains will open, release button, the curtains will stop;

Press the close button of the switch once, the curtains will close, release button, the curtains will stop.

• Three button electronic switch mode:

Press the open button of the switch once, the curtains will open; Press the close button of the switch

once, the curtains will close; Press the stop button of the switch once, the curtains will stop.

• Single button cycle switch mode:

Press the open/close button once, the curtains will open; Press once again, the curtains will stop; Press

once again, the curtains will close; Press once again, the curtains will stop.

Wiring method: Red wire=STOP wire (only applicable to three button electronic switch);

Black wire=Common wire (COM); Yellow wire=open wire(OPEN); Green wire=close wire(CLOSE).

10 Speed Regulation

1 Speed⁺ setting

⏮ → ⏩ → ⏩

P2 OPEN OPEN

Press P2 once (1 flash and 1 beep), press OPEN once (1 flash and 1 beep), press OPEN once again (5 flashes and 1 long beep), the motor running speed is accelerated. When the motor is at the Max. speed, the motor will beep twice and the LED will flash quickly 10 times after the last operation.

2 Speed[—] setting

⏮ → ⏮ → ⏮

P2 CLOSE CLOSE

Press P2 once (1 flash and 1 beep), press CLOSE once (1 flash and 1 beep), press CLOSE once again (5 flashes and 1 long beep), the motor running speed is decelerated. When the motor is at the Min. speed, the motor will beep twice and the LED will flash quickly 10 times after the last operation.

* The motor has 3 speed levels with a tolerance of 10% max, the Max. speed: 100r/min; the Med. speed: 80r/min; the Min. speed: 50r/min. If no limits, the speed defaults is 50r/min. If with limits, the speed defaults is 100r/min.

11 Radio Emitter Function

⏮

P1

Press and hold the P1 button for 6 seconds, the LED will flash twice. After releasing the button, the motor beeps twice, the radio emitter function is disabled. Short press P1 button to enable the radio emitter function.

12 Reset to Factory Mode

⏮

P1

Press and hold the P1 button for 14 seconds, the LED will flash 8 times and the motor will beep 4 times, the motor clears all settings and reset to factory status.

13 Matter Operations

1 Enter Matter pairing mode/Matter Reset



Note:

* The Matter pairing mode will be valid for 15 minutes.

* Entering the Matter pairing mode will invalidate the existing Matter controller, even if the new pairing fails or times out.

Method 1

⏮ → ⏮

P1 P1

Press and hold P1 button for 2 seconds (1 flash), release P1 button, the motor beeps once. Within 4 seconds, press P1 button once again, the LED of motor will flash 3 times and beep 3 times, then Matter has been reset and triggered into the pairing mode, at this moment, the LED for module flashes rapidly.

Method 2

⏩ + ⏮ → ⏮ → ⏮

OPEN CLOSE P2 P2

Press and hold OPEN and CLOSE button simultaneously for 5 seconds (1 flash and 1 beep), press P2 once (1 flash and 1 beep), then press P2 once again (3 flashes and 3 beeps), then Matter has been reset and triggered into the pairing mode, at this moment, the LED for module flashes rapidly.

2 Matter pairing

Please complete the Matter pairing process within 15 minutes.

Please scan the Matter QR code on the first page of the instruction or enter the setup code to start the pairing process.

Quick Index

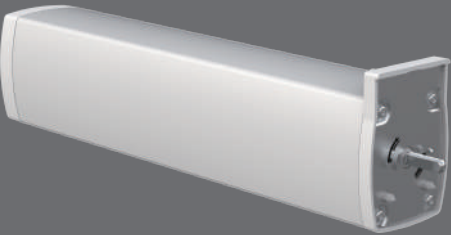
	Settings	Steps
1	Pairing	P1 (press for 2s) → Stop
2	Switch Rotating Direction	Open + Close
		P1 (press for 10s) → Close
3	Setting Limits	Open → Close
4	Pairing/Delete Additional Emitter	P2(a) → P2(a) → P2(b)
5	Manual-set/Remove the Open and Close Limits	1 Manual-set/remove the open limit Open + Stop → Open / Close / Manually pull the curtain → Open + Stop
		2 Manual-set/remove the close limit Close + Stop → Open / Close / Manually pull the curtain → Close + Stop
6	Add/Delete Preferred Position	P2 → Stop → Stop
7	Remove All Limits	P2 → Close → P2
8	Run/Stop By Pulling Fabric	P1 (press for 10s) → Stop
9	Low-voltage Switch Modes	P1 (press for 10s) → P2 → P1 (press for 2s)
10	Speed Regulation	1 Speed ⁺ setting P2 → Open → Open
		2 Speed [—] setting P2 → Close → Close
11	Radio Emitter Function	P1 (press for 6s)
12	Reset to Factory Mode	P1 (press for 14s)
13	Enter Matter pairing mode/Matter Reset	P1 (press for 2s) → P1
		Open + Close → P2 → P2

Troubleshooting

Issues	Solution
The emitter cannot control the motor	a. Check if the emitter pairing
	b. Check if the battery level of the emitter is sufficient. If the battery level is low, please replace the battery in a timely manner
Emitter reverse	Please follow the "Switch Rotation Direction"
External switch cannot control the motor	Check if the connecting wires between the external switch and the motor are properly connected
External switch reverse	Replace the wire sequence of the switch
The curtains can't close together	a. Check whether the direction of the emitter and switch is reversed. If it is reversed, please follow the "Switch Rotation Direction"
	b. Remove limits and reset set limit position
Curtains always hit or go to the side	Remove limits and reset set limit position and boundary
Hand pull curtains will get stuck	Set limit position and boundary
The motor against obstacle not stop	Check the fixing screws on the upper and lower covers of the track

DT82LEU/MT

Instruction | A-00



Caution:

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. (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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.

MPE Reminding

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.