CKMOVA

Vocal M

UHF Dual-Channel Wireless Microphone System
With Independent Audio Recorder
攜獨立錄音筆功能UHF雙通道無線麥克風系統

User Manual
說明書

Introduction:

The CKMOVA Vocal M is dual channel wireless microphone system with independent audio recorder features the combination of reliability & broadcast-quality wireless solution for ENG, filmmakers, EEP, vloggers, Live Podcast, weddings, mobile journalist and content creators.

The Vocal M system boasts a range of powerful feature, including mute, keyboard lock and headphone monitor on both transmitter and receiver; Mic & Line input switchable, local memory recording and EQ setting on transmitter; mono & stereo switchable on receiver.

The compact, lightweight & durable construction is convenient working for multiple condition. The OLED screen displays reception quality, battery status, audio level and more feature.

The CKMOVA is able to provide mature and stable UHF technical solutions to ensure stable signal transmission and deliver high-quality audio, it makes Vocal M become the clients priority choice.

Cautions:

- Do not use the unit underwater or unprotected in rainy conditions.
- Do not use the unit under overheated or supercooled conditions.
- Do not hold the unit close to loudspeakers.
- Do not subject to device to violent collisions, as this can damage the device
- Do not over-tighten the antenna onto the devices
- Support up to microSD 32GB memory card, avoid incompatibility
- When using auto IR Pairing, please stay within one meter, otherwise the signal may be too weak and the sync will not be successful;
- When in use, or when storing, avoid contact with dust and moisture
- Regularly clean the memory card to prevent it from being full during recording
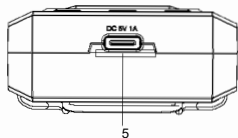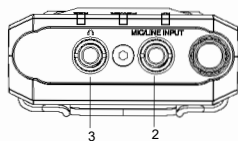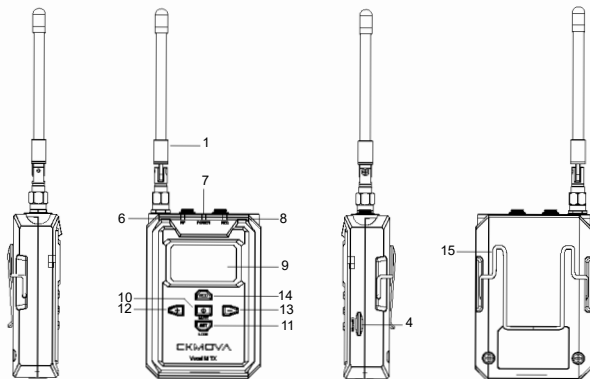
Available Combo:

Vocal M V1 (TX+RX):	One 3.5mm Transmitter + Receiver
Vocal M V2 (TX+TX+RX):	Two 3.5mm Transmitters + Receiver
Vocal M V3 (TLX+RX):	One 3.5mm Transmitter + Receiver
Vocal M V4 (TLX+TX+RX):	One 3.5mm Transmitter + One 3.5mm Transmitter + Receiver

Highlights:

Dual-channel receiver for camera, mobile, computer & recorder and etc

OLED display on both transmitter and receiver

Detachable and 360°switchable antenna

Operating Range 150M (Line of sight)

Mono & Stereo output switchable

Locking 3.5mm TRS Mic & Line input switchable

Locking 3.5mm TRS real-time headphone monitor on receiver

Locking 3.5mm TRS real-time & play-back headphone monitor on transmitter

Local 3.5mm TRS Mic input jack on receiver

Support up to 32GB microSD card for memory recording

Low cut filter (40Hz/80Hz/120Hz)

High frequency boost (1dB/2dB/3dB/4dB)

Mute & keypad lock function on both transmitter & receiver

Built-in rechargeable battery with 12 hours life

Durable aluminum alloy construction

Product Structure:

1. Vocal M TX: Body-pack Transmitter

1. Detachable Antenna

2. Mic & Line Input Jack
   Connects to the 3.5mm TRS microphone and line level devices

3. 3.5mm Headphone Monitor Jack
   For Real-time & Play-back local memory file

4. MicroSD Card Port

5. Type-C Charging Port (DC 5V)

6. RF Indicator
   Solid Blue: When paired with receiver
   Dim Blue: When unpaired with receiver

7. Power Indicator
   Solid Blue: The battery is higher than 5%
   Solid Red: The battery is lower than 5%

8. Record Indicator
   Solid Blue: When recording
   Dim Blue: Pause or exsit recording

9. OLED Display
   Display details refer to "OLED Display Readouts"

10. Power & Mute Button
    Power On & Off : long press button for 2 seconds
    Mute On & Off: short press button

11. Set & Lock Button
    Set function: short press button to enter the function control
                  interface, then short press button to confirm
    Keypad lock function: long press button for 2 seconds

12. "+" Button
    Short press button to select different function on the display

13. "-" Button
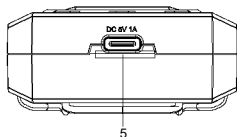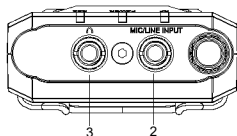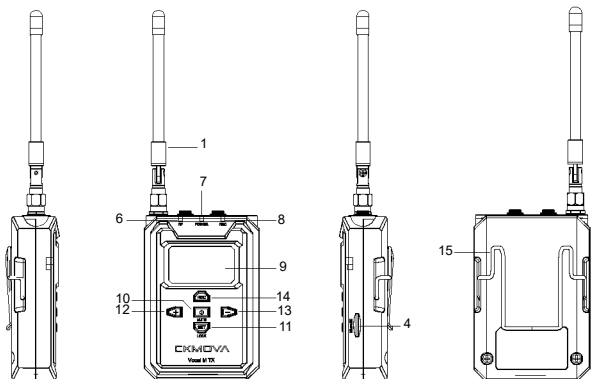   Short press button to select different function on the display

14. REC Button
    Long press 2 seconds to enter recording model, short press
    start recording then press again pause recording, long press
    2 seconds exsit and save recording file

15. Belt Clip
    Insert one end of the belt clip into one of two holes, and then
    insert the other end into the hole on the other side

2. Vocal M TLX: 3.5mm Transmitter (Same PCBA and functions with TX

1. Detachable Antenna

2. Mic & Line Input Jack
   Connects to the 3.5mm TRS microphone and line level devices

3. 3.5mm Headphone Monitor Jack
   For Real-time & Play-back local memory file

4. MicroSD Card Port

5. Type-C Charging Port (DC 5V)

6. RF Indicator
   Solid Blue: When paired with receiver
   Dim Blue: When unpaired with receiver

7. Power Indicator
   Solid Blue: The battery is higher than 5%
   Solid Red: The battery is lower than 5%

8. Record Indicator
   Solid Blue: When recording
   Dim Blue: Pause or exsit recording

9. OLED Display
   Display details refer to "OLED Display Readouts"

10. Power & Mute Button
    Power On & Off : long press button for 2 seconds
    Mute On & Off: short press button

11. Set & Lock Button
    Set function: short press button to enter the function control
                  interface, then short press button to confirm
    Keypad lock function: long press button for 2 seconds

12. "+" Button
    Short press button to select different function on the display

13. "-" Button
    Short press button to select different function on the display
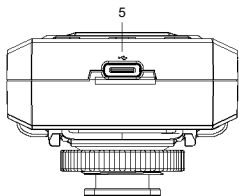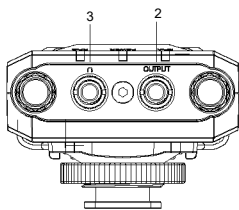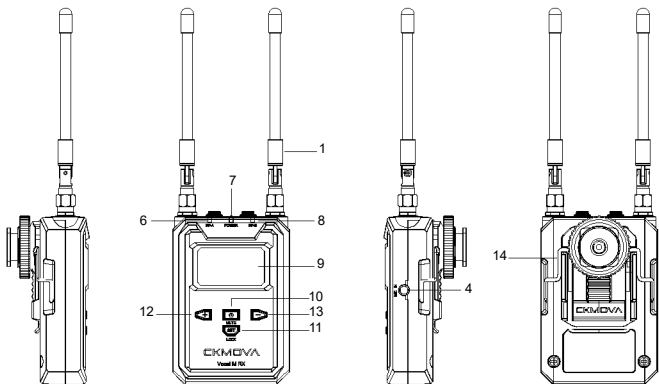
14. REC Button
    Long press 2 seconds to enter recording model, short press
    start recording then press again pause recording, long press
    2 seconds exsit and save recording file

15. Belt Clip
    Insert one end of the belt clip into one of two holes, and then
    insert the other end into the hole on the other side

3. Vocal M RX: Portable Receiver

1. Detachable Antenna

2. Audio Output Jack
   Connects to the 3.5mm TRS audio output cable

3. 3.5mm Headphone Monitor Jack
   For Real-time headphone monitor

4. Local Mic Input Jack
   Connects to the 3.5mm TRS microphone

5. Type-C Charging Port (DC 5V)

6. RF-A Indicator
   Solid Blue: When paired with Group A transmitter
   Dim Blue: When unpaired with Group A transmitter

7. Power Indicator
   Solid Blue: The battery is higher than 5%
   Solid Red: The battery is lower than 5%

8. RF-B Indicator
   Solid Blue: When paired with Group B transmitter
   Dim Blue: When unpaired with Group B transmitter

9. OLED Display
   Display details refer to "OLED Display Readouts"

10. Power & Mute Button
    Power On & Off : long press button for 2 seconds
    Mute On & Off: short press button

11. Set & Lock Button
    Set function: short press button to enter the function control
                   interface, then short press button to confirm
    Keypad lock function: long press button for 2 seconds

12. "+" Button
    Short press button to select different function on the display

13. "-" Button
    Short press button to select different function on the display

14. Belt Clip
    Insert one end of the belt clip into one of two holes, and then
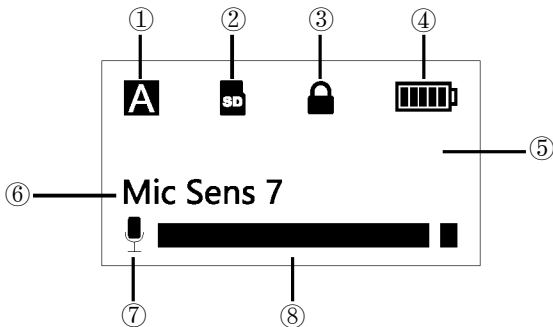   insert the other end into the hole on the other side

15. Shoe Mount Adapter
    Push the shoe mount adapter in fully until the belt clip fits into
    the horizontal groove on the adapter's holder

OLED Display Readouts:

Transmitter (Vocal M TX & Vocal M TLX)

Noted: Except Vocal M TLX without Mic & Line input switchable function screen, all other function screen is same to Vocal M TX

Homescreen

If no any operation within 5 seconds, the display automatically return to the home screen

① **Group Indicator**
Indicates the current group

② **Memory Card**
Display on the screen means that the card has been inserted

③ **Keypad Lock**
Display on the screen means that the keypad lock is open

④ **Battery Level**
Please recharge device when the indicator start flashing for low power Reminding

⑤ **Channel and Frequency**
Indicates the current channel number and frequency

⑥ **Mic Gain**
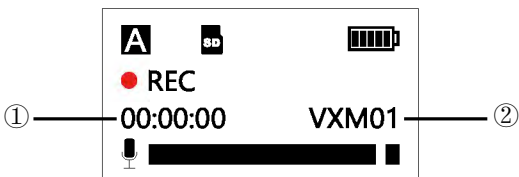Set microphone gain from 1 to 10, the default is 7

⑦ **Input Mode**

🎤𝅘 : Mic Input   🎤̸ : Mic Input Mute On

𝄞 : Line Input   𝄞̸ : Line Input Mute On

⑧ **Audio Input Dynamic Bar**

Recording Mode Screen

Long press REC button to enter the recording mode, short press button to start recording and short press again pause recording, long press again exit and save recording file.

Noted: When enter recording model, you can plug 3.5mm TRS headphone for real-time monitor
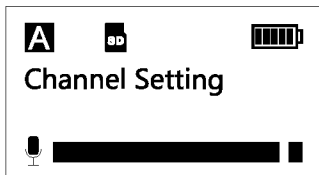
① : Recording Time Code
② : Current Recording File Name

Group Setting Screen

A 🔋 ▯▯▯▯

Group Setting

Group A

🎤 ███████████████ ▮
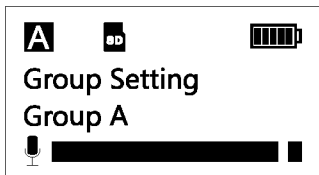
Press the SET button to enter the menu, use the "+" and "-" to select A or B group, the default is Group A

Channel Setting Screen

**A** 🔋 ▯▯▯▯

Channel Setting

🎤 ███████████████ ▮

Press the SET button to enter the menu, use the "+" and "-" to select the channel you need then press the SET button to confirm, the default is CH01
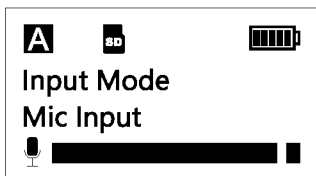
IR Pairing Screen

🔋 ▯▯▯▯

Pair Setting

Pair with RX

🎤 ███████████████ ▮
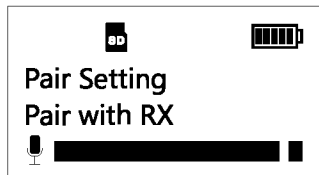
Set to pair with the receiver, the screen will display "Pairing", after successful paring, it will back to pairing setting screen
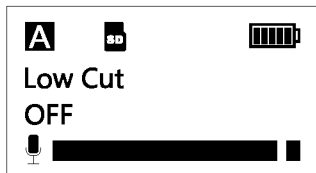
Mic Gain Screen

```
A    SD              (battery)
Mic Sensitivity
Mic Sens 7
🎤 ████████████████ ■
```
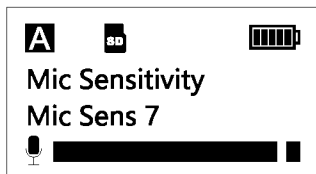
Set microphone gain from 1 to 10, the default is 7

Input Mode Screen

```
A    SD              (battery)
Input Mode
Mic Input
🎤 ████████████████ ■
```

Mic input and Line input can be switchable based on you need, the default is Mic Input

Low Cut Screen

```
A    SD              (battery)
Low Cut
OFF
🎤 ████████████████ ■
```

Low cut with 4 level: **OFF**; **40Hz**; **80Hz**; **120Hz**
the default is OFF

High Frequency Boost Screen

```
┌─────────────────────────────┐
│ A    ▪SD            ▮▮▮▮     │
│ High Freq Boost             │
│ OFF                         │
│ ▮ ████████████████████▮ ▮   │
└─────────────────────────────┘
```
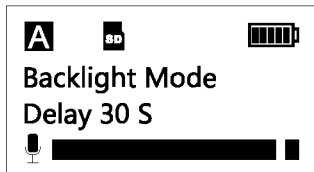
High Frequency Boost with 5 level: **OFF**; **+1dB**; **+2dB**; **+3dB**; **+4dB**, the default is OFF

Recording File Playback Screen

```
┌─────────────────────────────┐
│ A    ▪SD            ▮▮▮▮     │
│ Recording Folder            │
│ VXM01.WAV                   │
│ ▮ ████████████████████▮ ▮   │
└─────────────────────────────┘
```
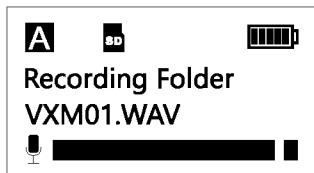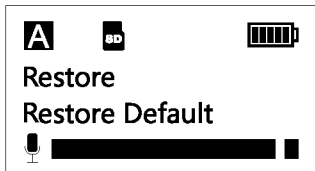
Press SET button to enter recording folder, use the "+" and "-" to choose needed recording file, then press SET button to playback recording file via headphone monitor, press again to exsit

Backlight Mode Screen

```
┌─────────────────────────────┐
│ A    ▪SD            ▮▮▮▮     │
│ Backlight Mode              │
│ Delay 30 S                  │
│ ▮ ████████████████████▮ ▮   │
└─────────────────────────────┘
```

Backlight with 3 level: **30s**; **60s**; **ON**, the default is 30s

Restore Screen

```
┌─────────────────────────────┐
│ [A]   [SD]          [IIIII]  │
│ Restore                      │
│ Restore Default              │
│ 🎤 ████████████████████ ▪   │
└─────────────────────────────┘
```

Yes: Restore factory default
NO: Exsit without any operation

Version Screen

```
┌─────────────────────────────┐
│ [A]   [SD]          [IIIII]  │
│ Version                      │
│ CM2021.VM1012                │
│ 🎤 ████████████████████ ▪   │
└─────────────────────────────┘
```

Indicates current version

Receiver (Vocal M RX)
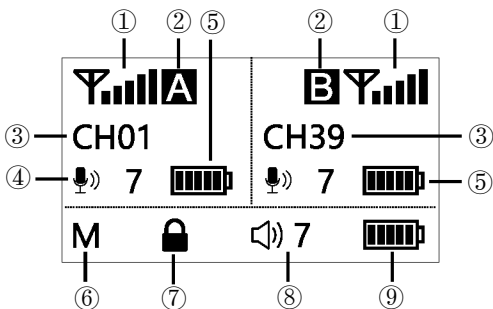
Homescreen

① RF Level Indicator
Indicates the current reception level

② Group Icon

A: A channel is connected   **B**: B channel is connected
A: A channel is disconnected   **B**: B channel is disconnected

③ Channel
Indicates the current channel number

④ Mic Gain of Transmitter
Set microphone gain from 1 to 10, the default is 7

⑤ Battery Level of Transmitter
Please recharge device when the indicator start flashing for low power Reminding

⑥ Output Mode
The output mode can be set to mono or stereo, the default is mono

⑦ **Keypad Lock**

Display on the screen means that the keypad lock is open
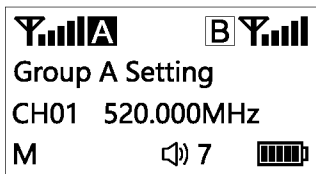
⑧ **Output Volume**

🔇 : Mute On
Set volume from 1 to 10, the default is 7
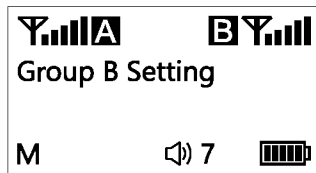
⑨ **Battery Level of Receiver**

Please recharge device when the indicator start flashing for low power reminding

Group A Setting Screen

```
📶A          B 📶
Group A Setting
CH01  520.000MHz
M          🔊 7      🔋
```
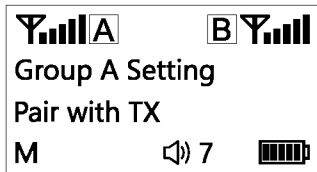
Press the SET button to enter the menu, use the "+" and "-" to select the channel you need then press the SET button to confirm, the default is CH01

Group B Setting Screen

```
📶A          B 📶
Group B Setting


M          🔊 7      🔋
```

Press the SET button to enter the menu, use the "+" and "-" to select the channel you need then press the SET button to confirm, the default is CH39

IR Pairing with Group A Screen

```
Y.ulA      B Y.ul
Group A Setting
Pair with TX
M        ⊲ゥ 7    ▮▮▮▮
```

Set to pair with the transmitter, the screen will display "Pairing", after successful paring, it will back to pairing setting screen
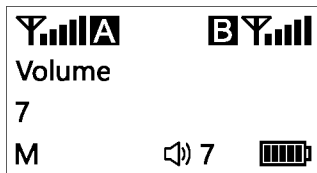

IR Pairing with Group B Screen
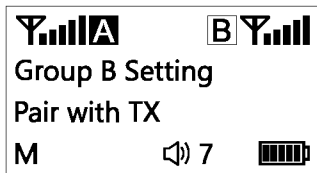
```
Y.ulA      B Y.ul
Group B Setting
Pair with TX
M        ⊲ゥ 7    ▮▮▮▮
```

Set to pair with the transmitter, the screen will display "Pairing", after successful paring, it will back to pairing setting screen
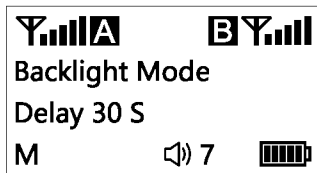

Output Mode Screen

```
Y.ulA      B Y.ul
Output Mode
Mono
M        ⊲ゥ 7    ▮▮▮▮
```

The output mode can be set to mono or stereo, the default is mono

Output Volume Screen

```
Y..llA        B Y..ll
Volume
7
M          ⏴) 7    ▮▮▮▮
```

Set volume from 1 to 10, the default is 7

Backlight Mode Screen
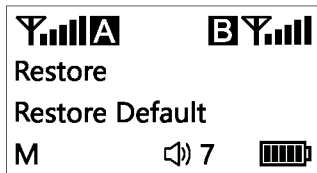
```
Y..llA        B Y..ll
Backlight Mode
Delay 30 S
M          ⏴) 7    ▮▮▮▮
```

Backlight with 3 level: **30s**; **60s**; **ON**, the default is 30s

Restore Screen

```
Y..llA        B Y..ll
Restore
Restore Default
M          ⏴) 7    ▮▮▮▮
```

Yes: Restore factory default
NO: Exsit without any operation

Version Screen

```
Y..ll A        B Y..ll
Version
CM2021.VM1012
M          ⏅ 7      ▮▮▮▮
```
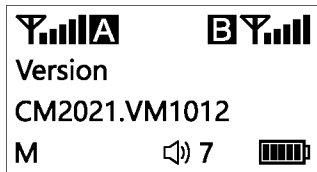
Indicates current version

Specifications:

Frequency Range	535.3-582.35MHz
Channel Group	A and B
Antenna	1/4 λ Detachable Antenna
RF Output Power	1mW
Gain Range	30dB
Frequency Response	20Hz to 20kHz
Audio I/O	Locking 3.5mm TRS Mic & Line Input (TX) Locking 3-pin Female XLR Input (TLX) Locking 3.5mm TRS Audio Output (RX)

Signal Processing	Low Cut Filter-(40/80/120 Hz) High Frequency Boost-(1 to 4 dB)
Sensitivity	-41±1dB (0dB=1V/Pa,at 1KHz)
Polar Pattern	Omnidirectional
Latency	<6ms
THD	<0.5%
Signal-to-Noise Ratio	>80dB
Recording Format	WAV
Recording Media	MicroSD(Up to 32GB)
Power Requirements	Built-in Battery or Type-C DC 5V
Built-in Battery Capacity	1500mAh
Battery Life	12Hours
Battery Charging Time	2Hours
Housing	Metal
Dimensions	56*80*22mm (Vocal M TX) 56*80*22mm (Vocal M TLX) 56*80*22mm (Vocal M RX)
Weight	125g (TX Incl.Battery) 125g (TLX Incl.Battery) 135g (RX Incl.Battery)
Operating Temperature	0℃ ~ 50℃
Storage Temperature	-20℃ ~ 60℃

Packing List:

Vocal M V1
Body-pack transmitter *1
Portable receiver *1
W-LM2 omnidirectional lavalier microphone *1
Locking 3.5mm TRS to 3.5mm TRS audio cable *1
Locking 3.5mm TRS to 3-pin XLR audio cable *1
Type-C charging cables *2
Shoe mount adapter *1
Belt clips *2
Antennas *3
Hard suitcase *1
User manual *1
Warranty card *1

Vocal M V2
Body-pack transmitters *2
Portable receiver *1
W-LM2 omnidirectional lavalier microphones *2
Locking 3.5mm TRS to 3.5mm TRS audio cable *1
Locking 3.5mm TRS to Dual 3-pin XLR audio cable *1
Type-C charging cables *3
Shoe mount adapter *1
Belt clips *3
Antennas *4
Hard suitcase *1
User manual *1
Warranty card *1

Vocal M V3
Body-pack transmitter *1
Portable receiver *1
Locking 3.5mm TRS to 3.5mm TRS audio cable *1
Locking 3.5mm TRS to 3-pin XLR audio cable *1
Type-C charging cables *2
Shoe mount adapter *1
Belt clip *1
Antennas *2
Hard suitcase *1
User manual *1
Warranty card *1

Vocal M V4
Body-pack transmitter *1
Body-pack transmitter *1
Portable receiver *1
W-LM2 omnidirectional lavalier microphone *1
Locking 3.5mm TRS to 3.5mm TRS audio cable *1
Locking 3.5mm TRS to Dual 3-pin XLR audio cable *1
Type-C charging cables *3
Shoe mount adapter *1
Belt clips *2
Antennas *3
Hard suitcase *1
User manual *1
Warranty card *1

產品介紹：

CKMOVA Vocal M是一款攜帶獨立錄音筆功能的雙通道無線麥克風系統，具有穩定性和廣播級質量相結合的特點，能夠為ENG，電影製作人，EEP，視頻創作者，直播博主，婚禮，戶外記者和內容創作者提供優質無線解決方案。

Vocal M系統擁有一系列強大的功能，例如發射器和接收器上都具有靜音、鍵盤鎖和耳機監聽等功能；發射器上具有麥克和線性輸入切換、本地錄音和EQ調控錄音等功能；接收器上具有單聲道和立體聲輸出切換等功能。

緊湊型設計、輕便耐用的結構適用於多種工作環境，OLED屏幕用於顯示信號介紹狀態、電池狀態、音量級別等多項功能。

CKMOVA採用成熟穩定的UHF無線技術，確保信號穩定傳輸的同時提供高品質還原度音頻，Vocal M麥克風將成為您的優質音頻錄製設備。

注意事項:

- 請勿在水下或雨天未受保護的情況下使用設備
- 請勿在過熱或過冷條件下使用設備
- 請勿將本設備靠近揚聲器
- 請勿劇烈碰撞, 導致損壞設備
- 請勿將天線過度擰緊到設備上
- 最大支持microSD 32GB存儲卡以避免不兼容
- 請保持在一米以內進行紅外配對, 否則可能因信號太弱導致同步不成功;
- 在無塵、乾燥的環境中存放或使用
- 定期清理存儲卡以防止在錄製過程中出現存儲卡已滿情況

套裝組合:

Vocal M V1(TX+RX):	一個3.5mm 發射器 + 一個接收器
Vocal M V2(TX+TX+RX):	兩個3.5mm 發射器 + 一個接收器
Vocal M V3(TLX+RX):	一個3.5mm 發射器 + 一個接收器
Vocal M V4(TLX+TX+RX):	一個3.5mm 發射器 + 一個3.5mm發射器 + 一個接收器

產品亮點:

雙通道接收器兼容相機、手機、電腦和錄音機等設備

發射器接收器都帶有OLED顯示屏

支持360°調節的可拆卸天線

傳輸範圍150M(視線範圍內)

單聲道&立體聲輸出切換

發射器帶鎖扣3.5mm TRS 可切換麥克&線性輸入接口

接收器帶鎖扣3.5mm TRS 耳機實時監聽接口

發射器帶鎖扣3.5mm TRS 耳機實時監聽&回放監聽接口

接收器本地3.5mm TRS 麥克輸入

最大可支持32GB microSD儲存卡錄音

三擋低切調節 (40Hz/80Hz/120Hz)

四擋高頻增益(1dB/2dB/3dB/4dB)

發射器、接收器都帶有靜音&鍵盤鎖功能

內置可充電電池續航時長12小時

鋁合金結構, 堅固耐用

產品結構:

1. Vocal M TX: 腰包式發射器
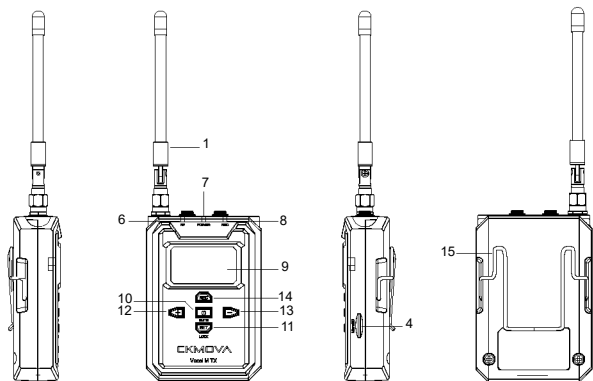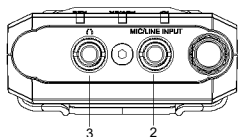

1. 可拆卸天線

2. 麥克風&線性輸入口
   連接3.5mm TRS麥克風和線性設備

3. 3.5mm 耳機監聽口
   用於實時播放和回放本地內存文件

4. MicroSD 儲存卡插口

5. Type-C充電口 (DC 5V)

6. RF 指示燈
   藍燈長亮:表示已與接收器配對
   藍燈滅:表示未與接收器配對,
   　　　　處於斷開狀態
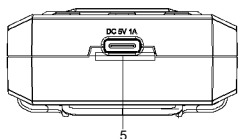
7. 電源指示燈
   藍燈長亮: 電量大於5%
   紅燈長亮: 電量小於5%

8. 錄音指示燈
   藍燈長亮:錄音中
   藍燈滅:暫停或退出錄製

9. OLED顯示屏
   詳情請參閱"OLED屏幕屏顯介紹"

10. 電源&靜音按鍵
    電源開&關:按鍵長按2秒
    靜音開&關:按鍵短按

11. 設置&鍵盤鎖按鍵
    設置功能:短按按鍵進入功能控制界面, 然後短按
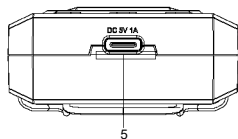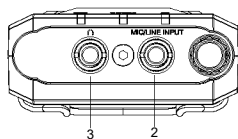   按鍵確認相關功能
    鍵盤鎖定功能: 長按按鍵2秒

12. "+" 按鍵
    短按按鍵選擇顯示屏上的不同功能

13. "-" 按鍵
    短按按鍵選擇顯示屏上的不同功能

14. REC錄音按鍵
    長按2秒進入錄音模式, 短按開始錄音, 再次短按
    暫停錄音, 長按2秒退出並保存錄音文件

15. 背夾
    將背夾的一端插入其中一個孔, 另一端插入另一側
    的孔中

2. Vocal M TLX: 發射器, 与TX 一樣PCBA,

1. 可拆卸天線

2. 麥克風&線性輸入口
   連接3.5mm TRS麥克風和線性設備

3. 3.5m 耳機監聽口
   用於實時播放和回放本地內存文件

4. MicroS 儲存卡插口

5. ype-C充電口 (DC 5V)

6. R 指示燈
   藍燈長亮:表示已與接收器配對
   藍燈滅:表示未與接收器配對,
          處於斷開狀態

7. 電源指示燈
   藍燈長亮: 電量大於5%
   紅燈長亮: 電量小於5%

8. 錄音指示燈
   藍燈長亮:錄音中
   藍燈滅:暫停或退出錄製

9. OLED顯示屏
   詳情請參閱"OLED屏幕屏顯介紹"

10. 電源&靜音按鍵
    電源開&關:按鍵長按2秒
    靜音開&關:按鍵短按

11. 設置&鍵盤鎖按鍵
    設置功能:短按按鍵進入功能控制界面, 然後短按
             按鍵確認相關功能
    鍵盤鎖定功能: 長按按鍵2秒

12. "+" 按鍵
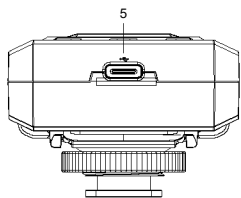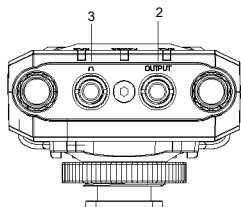   短按按鍵選擇顯示屏上的不同功能
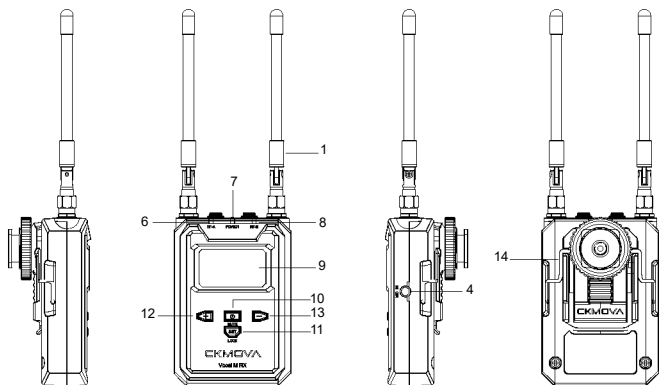
13. "-" 按鍵
    短按按鍵選擇顯示屏上的不同功能

14. REC錄音按鍵
    長按2秒進入錄音模式, 短按開始錄音, 再次短按
    暫停錄音, 長按2秒退出並保存錄音文件

15. 背夾
    將背夾的一端插入其中一個孔, 另一端插入另一側
    的孔中

3. Vocal M RX: 便攜式接收器

1. 可拆卸天線

2. 音頻輸出口
   連接3.5mm TRS音頻輸出線

3. 3.5mm 耳機監聽口
   用於耳機實時播放錄音

4. 本地麥克風輸入口
   連接3.5mm TRS麥克風

5. Type-C充電線(DC 5V)

6. RF-A 指示燈
   藍燈長亮：表示已與A通道發射
   　　　　　器成功配對
   藍燈滅：表示未與A通道接收器
   　　　　配對，處於斷開狀態

7. 電源指示燈
   藍燈長亮：電量大於5%
   紅燈長亮：電量小於5%

8. RF-B 指示燈
   藍燈長亮：表示已與B通道發射器成功配對
   藍燈滅：表示未與B通道接收器配對，處於斷開狀態

9. OLED 顯示屏
   詳情請參閱"OLED屏幕屏顯介紹"

10. 電源&靜音按鍵
    電源開&關：按鍵長按2秒
    靜音開&關：按鍵短按

11. 設置&鍵盤鎖按鍵
    設置功能：短按按鍵進入功能控制界面，然後短按
              按鍵確認相關功能
    鍵盤鎖定功能：長按按鍵2秒

12. "+" 按鍵
    短按按鍵選擇顯示屏上的不同功能

13. "-" 按鍵
    短按按鍵選擇顯示屏上的不同功能
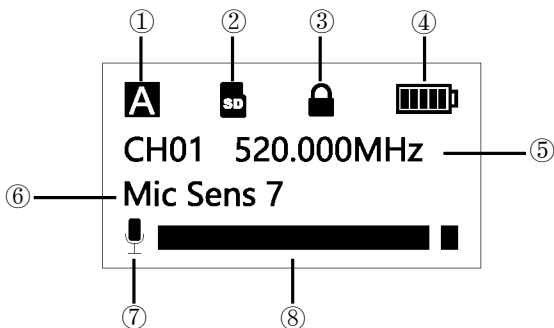
14. 背夾
    將背夾的一端插入其中一個孔，另一端插入另一側
    的孔中

15. 冷靴座適配器
    將冷靴座適配器推入，直至背夾完全卡入適配器支架
    上的水平凹槽

OLED屏顯介紹:

發射器 (Vocal M TX & Vocal M TLX)

注: Vocal M TLX除了不帶麥克&線性輸入切換功能，其他功能
界面和Vocal M TX一樣

主界面

5秒內無任何操作，界面自動返回主界面

① 通道圖標
表示當前通道狀態

② 儲存卡圖標
出現此圖標表示儲存卡已插入

③ 鍵盤鎖圖標
出現此圖標表示鍵盤鎖已開啟

④ 電量顯示圖標
請在圖標指示燈閃爍提示電量不足時為設備充電

⑤ 頻段和頻率圖標
表示當前頻段和頻率

⑥ 麥克風增益圖標
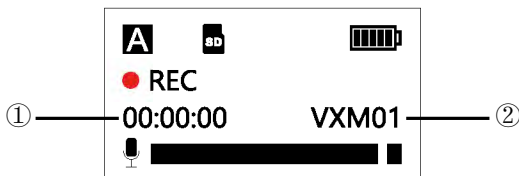　　設置麥克風增益檔位1至10檔，默認檔位為7

⑦ 輸入模式圖標

　　🎤⟩：麥克輸入　　　　　🎤：麥克輸入靜音狀態

　　∬：線性輸入　　　　　∬：線性輸入靜音狀態

⑧ 音頻輸入動態顯示條

錄音模式界面

① —— 00:00:00　　VXM01 —— ②

長按REC鍵進入錄音模式，短按開始錄音，再短按暫停錄音，再長按退出並保存錄音文件。

注：當進入錄音模式時，您可以插入3.5mm TRS耳機用於實時監聽

①錄音時長圖標
②當前錄製文件名稱

通道設置界面

A 　 SD 　　　　　　　 IIIII

Group Setting
Group A

🎤 ████████████████ ▌

按SET鍵進入菜單，使用"+"和"-"按鍵選擇A通道或B通道，默認為A通道

頻道設置界面

A 　 SD 　　　　　　　 IIIII

Channel Setting

🎤 ████████████████ ▌
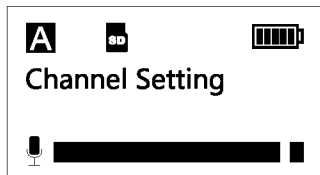
按SET鍵進入菜單，使用"+"和"-"按鍵選擇頻道，然後按SET鍵確認，默認頻道為CH01

紅外配對界面

SD 　　　　　　　 IIIII

Pair Setting
Pair with RX

🎤 ████████████████ ▌
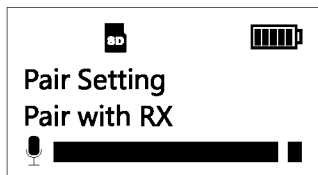
設置與接收機配對，屏幕顯示"正在配對"，配對成功後返回配對設置界面

麥克風增益設置界面

A ⬛SD ▮▮▮▮
Mic Sensitivity
Mic Sens 7
🎤 ▬▬▬▬▬▬▬▬▬▬ ▮
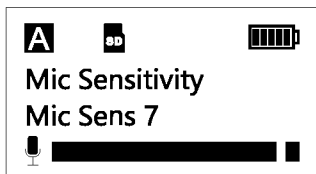
設置麥克風增益檔位從1至10, 默認為 7

輸入模式設置界面

A ⬛SD ▮▮▮▮
Input Mode
Mic Input
🎤 ▬▬▬▬▬▬▬▬▬▬ ▮
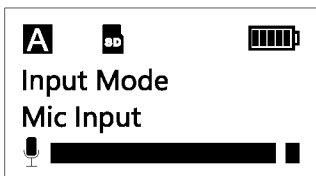
麥克風輸入和線路輸入可根據您的需要進行切換,
默認為麥克風輸入

低切設置界面

A ⬛SD ▮▮▮▮
Low Cut
OFF
🎤 ▬▬▬▬▬▬▬▬▬▬ ▮
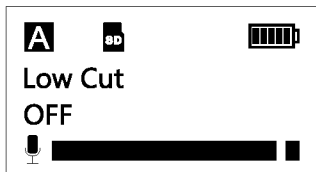
4檔低切設置: OFF; 40Hz; 80Hz; 120Hz
默認設置為OFF

高頻增益設置界面

```
┌─────────────────────────┐
│ A    SD        ▮▮▮▮     │
│ High Freq Boost         │
│ OFF                     │
│ 🎤 ████████████████  ▮  │
└─────────────────────────┘
```

5檔高頻增益設置: OFF; +1dB; +2dB; +3dB; +4dB,
默認設置為OFF

錄音文件播放設置界面

```
┌─────────────────────────┐
│ A    SD        ▮▮▮▮▮    │
│ Recording Folder        │
│ VXM01.WAV               │
│ 🎤 ████████████████  ▮  │
└─────────────────────────┘
```

按SET鍵進入錄音文件夾, 使用"+"和"−"選擇需
要的錄音文件, 然後按SET鍵通過耳機監聽播放文件,
再按一次SET退出

背光模式設置界面

```
┌─────────────────────────┐
│ A    SD        ▮▮▮▮     │
│ Backlight Mode          │
│ Delay 30 S              │
│ 🎤 ████████████████  ▮  │
└─────────────────────────┘
```

3檔背光模式設置:30s; 60s; ON, 默認設置為30s

恢復出廠設置界面

```
┌─────────────────────────────┐
│  [A]    [SD]          [████] │
│  Restore                     │
│  Restore Default             │
│  🎤 ████████████████████ ■   │
└─────────────────────────────┘
```

Yes: 恢復出廠設置
NO: 退出

版本界面

```
┌─────────────────────────────┐
│  [A]    [SD]          [████] │
│  Version                     │
│  CM2021.VM1012               │
│  🎤 ████████████████████ ■   │
└─────────────────────────────┘
```
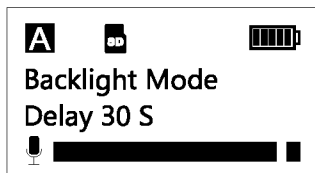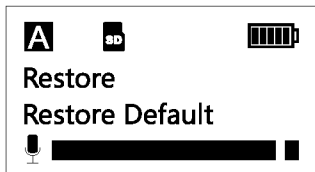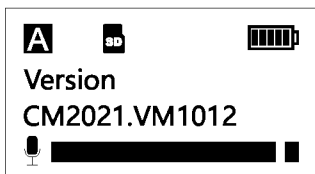
顯示當前版本信息

接收器 **(Vocal M RX)**
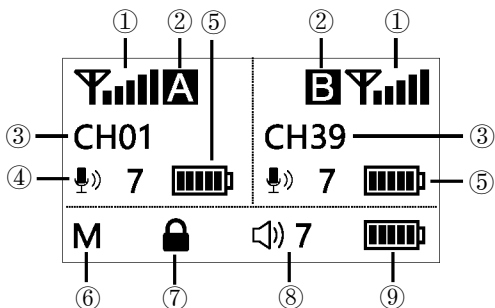
主界面

① 信號強度圖標
  顯示當前信號強度

② 通道圖標

  A: A通道已連接   **B**: B通道已連接
  A: A通道未連接   **B**: B通道未連接

③ 頻段圖標
  顯示當前頻段

④ 發射器麥克風增益圖標
  設置麥克風增益檔位1至10檔，默認檔位為7

⑤ 發射器電量顯示圖標
  請在圖標指示燈閃爍提示電量不足時為設備充電

⑥ 輸出模式圖標
  輸出模式可設置為單聲道和立體聲模式，默認模式為
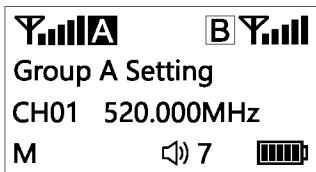 單聲道

⑦ 鍵盤鎖圖標
　　出現在主界面表示鍵盤鎖已開啟

⑧ 輸出音量圖標
　　🔇：靜音
　　設置輸出音量檔位1至10，默認設置為7

⑨ 接收器電量顯示圖標
　　請在圖標指示燈閃爍提示電量不足時為設備充電

A通道設置界面

📶 **A**	**B** 📶
Group A Setting	
CH01 520.000MHz	
M 🔊 7	🔋

按SET鍵進入A通道菜單，使用"+"和"−"鍵選擇
您需要的頻道，然後按SET按鈕確認，默認為CH01

B通道設置界面

📶 **A**	**B** 📶
Group B Setting	
M 🔊 7	🔋
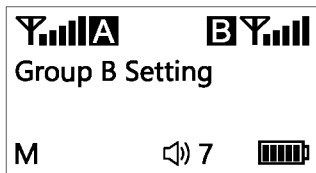
按SET鍵進入B通道菜單，使用"+"和"−"鍵選擇
您需要的頻道，然後按SET按鈕確認，默認為CH39

A通道紅外配對界面

```
Y.ıllA        B Y.ıll
Group A Setting
Pair with TX
M           ⊲》7      ▮▮▮▮
```
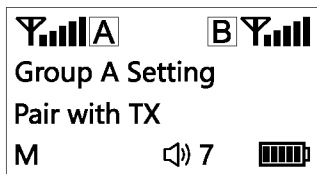
設置與發射器配對，屏幕顯示"正在配對"，配對成功後返回配對設定畫面

B通道紅外配對界面

```
Y.ıllA        B Y.ıll
Group B Setting
Pair with TX
M           ⊲》7      ▮▮▮▮
```
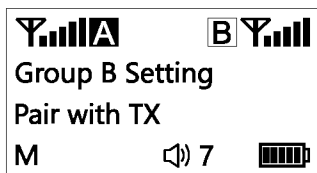
設置與發射器配對，屏幕顯示"正在配對"，配對成功後返回配對設定畫面

輸出模式設置界面

```
Y.ıllA        B Y.ıll
Output Mode
Mono
M           ⊲》7      ▮▮▮▮
```

輸出模式可設置為單聲道和立體聲模式，默認模式為單聲道

輸出音量設置界面

```
Y.ollA      BY.oll
Volume
7
M         ◁》7    ▥▥▥▥
```
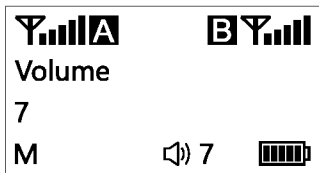
輸出音量檔位為1至10, 默認檔位為7

背光模式設置界面

```
Y.ollA      BY.oll
Backlight Mode
Delay 30 S
M         ◁》7    ▥▥▥▥
```

3檔背光模式設置:30s; 60s; ON, 默認設置為30s

恢復出廠設置界面

```
Y.ollA      BY.oll
Restore
Restore Default
M         ◁》7    ▥▥▥▥
```

Yes: 恢復出廠設置
NO: 退出

版本界面

```
Y..llA        BY..ll
Version
CM2021.VM1012
M          ⊲)) 7    ▮▮▮▮
```
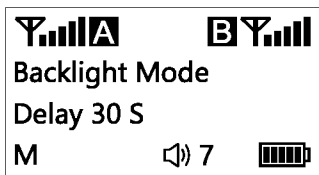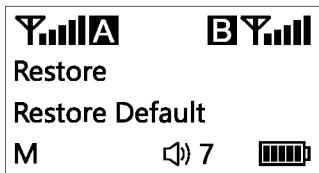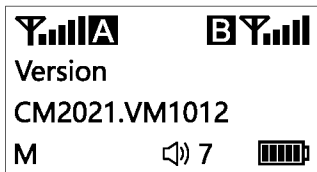
顯示當前版本信息

規格參數:

通道設置	A 和 B
天線	1/4λ 可拆卸天線
射頻輸出功率	30mW
增益範圍	30dB
頻率響應	20Hz 至 20kHz
音頻輸入/輸出	帶鎖扣3.5mm TRS麥克&線性輸入口 (TX) 帶鎖扣3-pin卡儂母頭輸入口(TLX) 帶鎖扣3.5mm TRS音頻輸出口(RX)

信號處理	低切設置-(40/80/120 Hz) 高頻增益設置-(1 to 4 dB)
靈敏度	-41±1dB (0dB=1V/Pa,at 1KHz)
拾音模式	全向性
延遲	<6ms
THD	<0.5%
信噪比	>80dB
錄音格式	WAV
儲存卡	MicroSD(最大支持32GB)
供電需求	內置電池或Type-C DC 5V
內置電池容量	1500mAh
工作時長	12小時
充電時長	2小時
材質	金屬
尺寸	56*80*22mm (Vocal M TX) 56*80*22mm (Vocal M TLX) 56*80*22mm (Vocal M RX)
重量	125g (TX 含電池) 125g (TLX 含電池) 135g (RX 含電池)
工作溫度	0℃ ~ 50℃
存放溫度	-20℃ ~ 60℃

套裝配置：

Vocal M V1
腰包式發射器 *1
便攜式接收器 *1
W-LM2 全向性領夾式麥克風 *1
帶鎖3.5mm TRS轉3.5mm TRS音頻轉接線 *1
帶鎖3.5mm TRS轉3-pin XLR音頻轉接線 *1
Type-C充電線 *2
冷靴座適配器 *1
金屬背夾 *2
天線 *3
防水工具箱 *1
說明書 *1
保修卡 *1

Vocal M V2
腰包式發射器 *2
便攜式接收器 *1
W-LM2 全向性領夾式麥克風 *2
帶鎖3.5mm TRS轉3.5mm TRS音頻轉接線 *1
帶鎖3.5mm TRS轉雙頭3-pin XLR音頻轉接線 *1
Type-C充電線 *3
冷靴座適配器 *1
金屬背夾 *3
天線 *4
防水工具箱 *1
說明書 *1
保修卡 *1

Vocal M V3
腰包式發射器 *1
便攜式接收器 *1
帶鎖3.5mm TRS轉3.5mm TRS音頻轉接線 *1
帶鎖3.5mm TRS轉3-pin XLR音頻轉接線 *1
Type-C充電線 *2
冷靴座適配器 *1
金屬背夾 *1
天線 *2
防水工具箱 *1
說明書 *1
保修卡 *1

Vocal M V4
腰包式發射器 *1
腰包式發射器 *1
便攜式接收器 *1
W-LM2 全向性領夾式麥克風 *1
帶鎖3.5mm TRS轉3.5mm TRS音頻轉接線 *1
帶鎖3.5mm TRS轉雙頭3-pin XLR音頻轉接線 *1
Type-C充電線 *3
冷靴座適配器 *1
金屬背夾 *2
天線 *3
防水工具箱 *1
說明書 *1
保修卡 *1

FCC Caution:

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

IMPORTANT NOTE:

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.