

Hong Kong DSE Exam Radio User Manual



DSE-555

安全指引：

1. 不要讓本機暴露於水，蒸汽，沙塵或其他危害的環境
2. 過多的熱量可能會對您的收音機造成損害，如在一輛停著的汽車裡來自太陽的熱量可以很容易地對您的收音機造成損害。不要在靠近熱源的地方使用本機
3. 請用乾布清潔本機
4. 請使用製造商提供的配件
5. 長時間不用時請取出電池
6. 請不要試圖拆開或維修本機

產品簡介:

感謝您選購 CORUS 的 DSE-555 – 香港 DSE 聆聽考試專用收音機。此產品是專為香港中學文憑試 (HKDSE) 聆聽考試的學生特別設計，採用最新的數碼專利技術與創新的自動搜索功能來解決目前香港中學文憑試聆聽部分所面臨的收音問題。首創獨有考試模式，一鍵智能自動搜索香港文憑試最佳頻率，無須手動調台。加上按鈕上鎖功能，防止考生考試期間按錯，增加考生在使用時的安全感。此產品符合香港中學文憑試考試標準。

請仔細閱讀本應用說明書，以獲得本產品的最佳性能。

產品特點:

1. 世界上第一台專為香港中學文憑試而設計的收音機，解決了目前香港文憑試聆聽部分所面臨的收音問題。
2. 本專利產品是符合香港文憑試考試收音機標準的文憑試收音機。
3. 首創獨有的考試模式，已預設香港電台第二台的各個發射頻率(94.8 – 96.9MHz)及其發射站的英文簡寫，考生從聲音清晰度及信號強度可輕易分辨最佳頻道，就算考生不知道該考場應該接收哪個頻率都沒有問題。

4. 考試模式強制為單聲道收聽，確保最佳聆聽效果。
5. 考試模式下彩色 LCD 顯示屏上長期顯示電池電量、音量、信號強度、頻率、單聲道等信息，增加考生在使用時的安全感。
6. 考試模式自動搜索最佳頻率的機能，可從已預設的香港電台第二台的各個發射頻率中自動搜索出最佳頻率，簡單易用。
7. 一按即自動搜索香港文憑試最佳頻率，無須自行調台。按鈕上鎖功能以防考生考試期間按錯鍵。
8. 收音機採用低功耗設計，使用 1000mAh 可換式可充電鋰電池，可連續收聽約 35 小時。
9. 已向中國國家知識產權局及香港知識產權署提交專利申請。

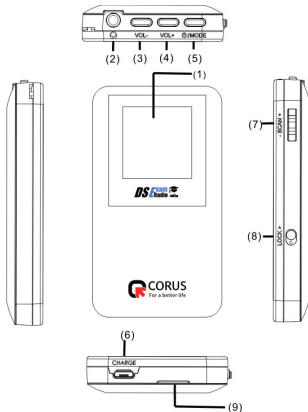
快速操作指南：

1. 打開電池蓋（9），插入附送的鋰電池。
2. 把 Micro USB 插頭插入收音機底部的充電插座（6），把另一端的 USB 插頭連接到電腦或 USB 電源適配器。
3. 充滿電後，將隨機提供的耳機插入 3.5mm 耳機插孔（2）。
4. 按住“POWER/MODE”按鈕（5）並維持 2

秒，以開啟收音機。

5. 再次按一下“POWER/MODE”按鈕（5）以選擇 Exam 或 FM 模式。
6. 在 Exam 模式，按住“SCAN”滾輪按鈕（7）2 秒，收音機會自動搜索您所在位置最佳的接收電台。
7. 在 FM 模式下，按住“SCAN”滾輪按鈕（7），收音機會自動掃描並存儲所有的 FM 電台。再上下滾動“SCAN”滾輪按鈕（7）以選擇您喜歡的電台。
8. 使用“VOL-/VOL+”按鈕（3,4），以調節耳機音量。
9. 把按鍵鎖“LOCK>”（8）推上以啟動鎖鍵功能，此時所有按鈕功能將無效。

按鍵說明：



- (1) 彩色 LCD 顯示屏
- (2) 3.5mm 耳機孔
- (3) 音量減少
- (4) 音量增加
- (5) 電源開關/模式切換
- (6) Micro USB 充電槽
- (7) “SCAN” 掃描滾輪按鈕
- (8) 鍵鎖開關
- (9) 電池蓋開口

操作入門：

充電：

DSE-555 配備了一顆 3.7V, 1000mAh 的鋰電池及一條“USB – Micro USB”充電線。

在第一次操作前，請對鋰電池完全充電。

1. 打開電池蓋，插入鋰電池。
2. 把 Micro USB 充電線插頭插入收音機底部的充電插槽，把另一邊 USB 插頭連接到電腦的 USB 插槽或 USB 電源適配器。
3. 收音機將開始充電，充電時間約為 2.5 小時。
4. 充電期間，電量圖標會不停閃爍直到電池完全充滿。

低電量提示：

當電池快耗盡時，屏幕上將會出現“LOW BATTERY”低電量提示，紅色電量圖標也會不停閃爍，此低電量提示出現後本機大約可以再維持最多半小時的收聽。

耳機：

DSE-555 配備了一對高品質的耳機。

3.5mm 的插孔位於收音機的頂部，可使用立體聲耳機或耳筒。

重要提示：

音量太大可能會損壞你的耳朵。

操作收音機：

1. 確保電池已充電。
2. 按住“POWER/MODE”按鈕並維持 2 秒，以開啟收音機。
3. 顯示屏將顯示“CORUS”開機畫面，並進入 **EXAM** 模式 (或者 **FM** 模式，如果上次關機前使用的是 **FM** 模式)。
4. 調節音量到舒適的水平 (音量水平:0-20)。
5. 按住“POWER/MODE”按鈕並維持 2 秒，以關閉收音機。

選擇 EXAM 或 FM 模式：

1. 按一下“POWER/MODE”按鈕以選擇 **EXAM** 或 **FM** 模式，您會看到圖標 **EXAM** 或 **FM** 在顯示屏的頂部顯示。
2. 進入 **EXAM** 或 **FM** 模式，收音機會自動收聽上一次在該模式時收聽的頻率。
3. 按住“POWER/MODE”按鈕並維持 2 秒，顯示屏將顯示“Thank You and Good Luck!” 關機畫面並關機。當您關閉收音機時，有關模式將被記憶。

搜索及選擇頻道 – EXAM 模式

(自動搜索功能):

1. 確保收音機在 **EXAM** 模式。
2. 按住“SCAN”滾輪按鈕並維持 2 秒，收音機會自動從已預設的 7 個香港電台第二台頻率中搜索出信號最佳的頻率，過程需時約 10-15 秒 (搜索過程中按一下“SCAN”滾輪按鈕可取消搜索)。
3. 搜索完成後，屏幕上會顯示最佳頻道的頻率及發射站的簡寫。(有關發射站的簡寫及服務地區，請參考列表 Table 1.1)
4. 在 **EXAM** 模式下，所有頻道自動強制設為單聲道以確保最佳聆聽效果，背光亦會長亮以確保考生在考試期間能清楚看到信號強度，音量，電量及電台頻率等信息，讓考生在整個考試期間安心考試。
5. 當調較到最佳電台及最適合的音量後，建議鎖鍵直到考試完畢，以避免考試期間不小心觸碰按鍵。(有關鎖鍵問題，請參考鎖鍵功能的操作說明)

****注意事項:**

1. 由於手機、電腦等電子設備均會產生電磁干擾，有機會影響自動搜索結果的準確性及收聽效果，考試期間及搜索時請關閉手機、電腦等電子設備。
2. 如果自動搜索結果不是服務該試場地區的發射站頻率，並且收聽效果不好，極可能是外界電磁干擾造成的，請立刻以手動方式選擇最佳頻道！
3. 如果自動搜索結果雖然不是服務該試場地區的發射站頻率，但是信號強收聽效果好，則自動搜索的結果仍然正確，不用手動轉換到服務該區的發射站頻率（原因可能是某些試場地點位於兩個發射站服務地區的邊緣位置）。

單聲道/立體聲轉換 - EXAM 模式:

在 **EXAM** 模式下，收聽所有頻道將自動設為單聲道以確保最佳聆聽效果，同時紅色的“Mono”標示會顯示於頻率的左邊。

Table 1.1

發射站 (Transmitting Station)	服務區域 (Target Area)	發射頻率 (Transmitting Frequency)	發射站簡寫 (Transmitting Station Abbreviation)
歌賦山 = Mount Gough	港島北、九龍中西部及大 嶼山東部 / Central & Western District, Kowloon, Lantau Island East	94.8 MHz	MG
飛鵝山 = Kowloon Peak	東區、觀塘區、西貢區(包 括將軍澳) / Eastern District, Kwun Tong District, Sai Kung District(Including Tseung Kwan O)	96.9 MHz	KP
青山 = Castle Peak	屯門區、元朗區(包括天 水圍)、大嶼山西部(包括 東涌) / Tun Mung District, Yuen Long District(Including Tin Shui Wai), Lantau Island West(Including Tung Chung)	96.4 MHz	CP
南丫島 = Lamma Island	南區 / Southern District	96.0 MHz	LI
九龍坑山 = Cloudy Hill	大埔區、新界北區(包括 粉嶺、上水及沙頭角)、 沙田區北部(包括馬鞍山) / Tai Po District, Northern District(Including Fan Ling, Sheung Shui&Sha Tau Kok), Sha Tin District North(Including Ma On Shan)	95.3 MHz	CH
筆架山 = Beacon Hill	沙田區 / Sha Tin District	96.3 MHz	BH
金山 = Golden Hill	荃灣區、葵青區 / Tsuen Wan District	95.6 MHz	GH

手動選台 - EXAM 模式:

1. 確保收音機在 **EXAM** 模式。
2. 向上或向下滾動“SCAN”滾輪按鈕，以收聽頻率、信號強度，考場所在區域及聲音質素從預設的 7 個頻率中分辨並選出最佳的頻率。

服務信息內容 - EXAM 模式:

當收聽 **EXAM** 模式，顯示屏將顯示以下信息或指標(如果適用):

1. 電台頻率
2. 電量
3. 音量
4. 接收信號強度
5. 發射站簡寫
6. 鎖鍵標示(如果上鎖的話)

搜索及選擇頻道 - FM 模式:

1. 確保收音機是在 **FM** 模式。

2. 按住“SCAN”滾輪按鈕並維持 2 秒，收音機會自動掃描及儲存所有 FM 頻道。(按一下“SCAN”滾輪按鈕以取消掃描)
3. 上下滾動“SCAN”滾輪按鈕以選擇已儲存的 FM 頻道。
4. 所有頻道將被記憶，直到執行另一次頻道掃描。
5. 按住“SCAN”滾輪按鈕並維持 5 秒，可刪除所有被記憶的頻道。

單聲道/立體聲轉換 – FM 模式：

在 FM 模式下，收聽頻道預設為立體聲，紅色的“ST”標示會顯示於頻率的左邊，當信號弱時會自動轉為單聲道，紅色的“Mono”標示會顯示於頻率的左邊。

手動選台 – FM 模式：

1. 確保收音機是在 FM 模式。
2. 向上滾動“SCAN”滾輪按鈕調高頻率，向下滾動“SCAN”滾輪按鈕調低頻率。
3. 向上滾動“SCAN”滾輪按鈕並維持 3 秒掃描以下一個在較高頻率的頻道，向下滾動“SCAN”滾輪按鈕並維持 3 秒以掃描以下一個在較低頻率的頻道。

服務信息內容 – FM 模式：

當收聽 **FM** 模式，顯示屏將顯示以下信息(如果適用)：

1. 電台頻率
2. 音量
3. 接收信號強度
4. 電量
5. 鎖鍵標示（如果上鎖的話）

收音機天線：

1. 本機使用耳機或耳筒作為天線。

鎖鍵功能：

1. 鎖鍵開關位於收音機的右側面板。把按鍵鎖“LOCK>”推上以開啟鎖鍵功能，此時你將看見一紅點出現在按鍵鎖下方，所有按鈕將無效。顯示屏的頂部將顯示一個鎖的圖標。
2. 要關閉鎖鍵功能，把鎖鍵按鈕推下至原來的位罝。

關機和維護：

1. 長時間不使用本機時請把電池拆出。
2. 請不要用粗糙的東西抹擦本機。
3. 請不要試圖打開產品或改變產品的內部參數。

技術規格：

1. 型號：DSE- 555
2. 收音機格式：數碼調頻香港文憑試收音機模式及 PLL FM
3. 考試頻率：94.8 MHz, 95.3 MHz, 95.6 MHz, 96.0MHz, 96.3MHz, 96.4MHz, 96.9MHz (單聲道)
4. FM 頻率：87.5 - 108MHz (單聲道/立體聲)
5. 存台記憶：自動搜索所有電台包括 FM 和考試頻道及存台
6. 耳機輸出功率：立體聲 5mW RMS, 32Ω
7. 電池容量：3.7V, 1000 mAh 可換/可充式鋰電池
8. 使用時間：約 35 小時
9. 充電：USB 充電插座 (5V, 500mA)

10. 充電時間：約 2.5 小時
11. 尺寸：89x53x14mm
12. 重量(淨重)：約 70 克 (包括電池)
13. 產品認證：CE, RoHS

*本說明書內容如有任何改動，恕不另行通知。

Safety Instructions:

1. Do not allow this unit to be exposed to water, steam, sand or other environmental hazards.
2. Do not leave your radio where excessive heat could cause damage such as in a parked car where the heat from the sun can easily build up to extreme levels. Do not use it near heat objects.
3. Clean with dry cloth.
4. Use accessories provided by manufacturer.
5. Unload the battery when unused for long time.
6. Do not disassemble or repair.

Product Information:

Thank you for choosing CORUS' DSE-555 -- Hong Kong DSE Exam Radio Receiver. This product is specially designed for students who will take the Hong Kong Diploma of Secondary Education (HKDSE) listening examination. It is the latest digital patented technologies with an innovative automatic search system to address all the existing radio reception problems during HKDSE listening examination. It's one touch smart search technology enable the student to find the best signal station with a locked key to avoid unnecessary wrong operation during examination. This product is in full compliance with HKDSE examination requirement.

Please read this manual carefully to get the best performance of this product.

Product Features

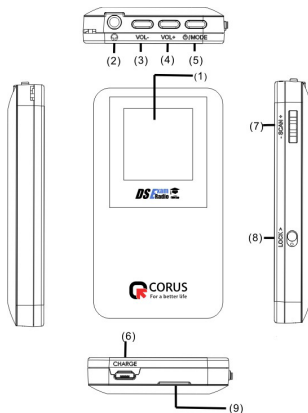
1. World first latest digital technology with specially designed pocket radio for Hong Kong DSE listening examination.
2. Patented technology to solve all existing radio listening problems encountered in HKDSE examination.
3. Specially designed Exam mode which will automatically search for the best-tuned radio station with clarity speech voice mode for listening. No more hassle of searching up and down with noisy station.

4. Support lock and unlock functional keys to avoid unnecessary change of settings during examination.
5. First ultra slim hand-held digital HKDSE Exam Mode and FM radio receiver supports color LCD display.
6. Low power product design and long battery life with user replaceable and rechargeable high capacity 1000mAh Lithium battery.
7. Excellent radio reception performance
8. Battery level indicator and low battery flashing warning
9. Radio signal strength indicator.
10. Good acoustic design with high fidelity headphones included
11. Wide range 20 level digital volume control.
12. User friendly interface with scroll wheel control

Quick Start Guide:

1. Insert the supplied Lithium battery into the battery compartment-(9) on the back of the radio.
2. Charge the battery through the Micro USB Port-(6) with the supplied Micro USB cable to any PC or USB power adaptor.
3. Once it is fully charged, insert the supplied headphone into the 3.5mm headphone jack-(2).
4. Press and hold the “POWER/MODE” button-(5) to turn on the radio.
5. Press the “POWER/MODE” button-(5) again to select the **Exam** mode or **FM** mode.
6. In **Exam** mode, press and hold the “SCAN” Scroll Wheel button-(7) for 2 sec, the radio will automatically search for the best signal stations in your location.
7. In **FM** mode, press and hold the “Scan” Scroll Wheel button-(7), the radio will automatically scan and store all FM stations. Scroll the “SCAN” Scroll Wheel to select your favorite station.
8. Use the “VOL-/VOL+” button-(3,4) to adjust the volume level.
9. Press the “LOCK>” key-(8) upward to lock all the button functions if you prefer.

Controls and Connections



- (1) Color LCD display
- (2) 3.5mm Headphone Jack
- (3) Digital Volume Down
- (4) Digital Volume Up
- (5) Power On/Off, DSE Exam/FM Mode switch
- (6) Micro USB charging port
- (7) Scroll Wheel
- (8) Lock/Unlock Key
- (9) Battery Cover Open Location

Getting Started:

Charging the radio:

The DSE-555 Radio features a 3.7V, 1000mAh rechargeable Lithium battery.

The DSE-555 Radio is supplied with one 'USB to Micro-USB' cable for battery charging.

For first time operation, please fully charge the battery.

1. Open battery cover and insert the Li rechargeable battery, then close the battery cover.
2. Plug the Micro USB end into the socket at the bottom of the radio, connect the other end USB to power supply such as computer or USB adaptor.
3. The radio will begin charging the battery. Charging time is approximately 2.5 hours.
4. The charging icon will flash during charging and stop flashing when the radio is fully charged.

Low Battery Warning:

When the battery is nearly running out, “LOW BATTERY” warning will be shown at the bottom of the LCD display and the battery icon at the top of LCD will be flashing, the radio will continue to work for about 30 minutes after the warning.

Headphones:

The HKDSE Radio features a pair of high-quality earpieces (also act as antenna).

The 3.5mm jack is located on the top of the radio, it is provided for use with headphones or earpieces.

Important:

Excessive sound pressure from earpieces or headphones can cause hearing loss.

Operating your radio:

1. Make sure the battery is charged.
2. Press and hold the “POWER/MODE” button for 2 sec to turn on the radio.
3. The display will show “CORUS” logo and enter **Exam** mode (Or **FM** mode if you selected **FM**)

mode before turning off), “**Exam**” logo will be shown on the middle top of the display in **Exam** mode whereas “**FM**” logo will be shown in **FM** mode.

4. Adjust the volume to comfortable level (Volume Level: 0-20).
5. Press and hold the “POWER/MODE” button for 2 sec to turn off the radio.

Exam/FM Mode Selection:

1. Press “POWER/MODE” button to select **Exam** or **FM** mode, you will see the icon “**Exam**” or “**FM**” on middle top of the display.
2. When you enter **Exam/FM** mode, the radio will automatically listen on the last frequency.
3. When you turn off the radio, the display will show “Thank You and Good Luck!”, and band mode and frequency will be memorized.

Search and select channels– Exam Mode

(Automatic Search the Best Channel):

1. Make sure the radio is in **Exam** mode.
2. Press and hold “SCAN” Scroll Wheel button for 2 sec, the radio will scan the best channel automatically for 10-15secs with a moving magnifier icon among the 7 presets RTHK2 frequencies. (Cancel auto-scan during searching by pressing once the “SCAN” Scroll Wheel button)
3. When the search is finished, you will see the best frequency with the abbreviations of the transmitting station. (For abbreviations and signal covered area information, please refer to Table 1.1)
4. When you are in **Exam** mode, the audio is forced to Mono in order to have the best listening quality and the backlight is always on to ensure the battery level, volume level, signal strength and channel frequency are visible on the screen.
5. When you tuned to the best channel and the most comfortable volume level, locking the keys is highly recommended. (Please refer to Key Lock Function in the manual.) Then you can concentrate on the listening exam until the end of the exam.

****Note:** Mobile phones, computers and other electronics devices may produce electromagnetic interference which may influence the accuracy of the Auto-Search result. Please shut down your mobile phones, computers and other electronics devices during the examination and searching.

If the Auto-Search result differs from the examination centre frequency and the sound quality is bad, please do not hesitate to select the best channel manually.

In case the Auto-Search result is not the examination centre frequency but the signal strength is strong and the sound quality is good, it indicates the Auto-search result is still correct. (The possible reason may be the examination centre locates at the edge of two transmitting stations' cover area.)

Select Mono/Stereo – Exam Mode:

It is always Mono in **Exam** Mode to ensure the best listening quality, there is a red “Mono” logo shown on the left of the frequency on the screen.

Table 1.1

發射站 (Transmitting Station)	服務區域 (Signal Cover Area)	發射頻率 (Transmitting Frequency)	發射站簡寫 (Transmitting Station Abbreviation)
歌賦山 = Mount Gough	港島北、九龍中西部及大 嶼山東部 / Central & Western District, Kowloon, Lantau Island East	94.8	MG
飛鵝山 = Kowloon Peak	東區、觀塘區、西貢區(包 括將軍澳) / Eastern District, Kwun Tong District, Sai Kung District(Including Tseung Kwan O)	96.9	KP
青山 = Castle Peak	屯門區、元朗區(包括天水 圍)、大嶼山西部(包括東 涌) / Tun Mung District, Yuen Long District(Including Tin Shui Wai), Lantau Island West(Including Tung Chung)	96.4	CP
南丫島 = Lamma Island	南區 / Southern District	96.0	LI
九龍坑山 = Cloudy Hill	大埔區、新界北區(包括粉 嶺、上水及沙頭角)、沙田 區北部(包括馬鞍山) / Tai Po District, Northern District(Including Fan Ling, Sheung Shui&Sha Tau Kok), Sha Tin District North(Including Ma On Shan)	95.3	CH
筆架山 = Beacon Hill	沙田區 / Sha Tin District	96.3	BH
金山 = Golden Hill	荃灣區、葵青區 / Tsuen Wan District	95.6	GH

Manual tuning – Exam mode:

1. Make sure the radio is in **Exam** mode.
2. Scroll the “SCAN” Scrolling Wheel button up and down to select the best channel, you can distinguish by Frequency, Signal Strength Indicator, Exam Venue and the audio quality (how clear the audio is).

Service Information – Exam Mode:

While listening to **Exam** mode, the display will show the followings if applicable

1. Channel Frequency
2. Battery Level
3. Volume Level
4. Signal Strength
5. Transmitting Station in abbreviation
6. Key Lock Icon (if the key is locked)

Search and select channels – FM mode:

1. Make sure the radio is in **FM** mode.
2. Press and hold “SCAN” Scroll Wheel button for

2 sec, the radio will scan all the channels automatically. (Cancel auto-scan by pressing once the “SCAN” Scroll Wheel button)

3. The scanned channels will be memorized automatically.
4. Select channel by scrolling up and down the “SCAN” Scrolling Wheel button.
5. Press and hold “SCAN” Scroll Wheel button for 5 sec to delete the memorized channels.

Manual tuning – FM mode:

1. Make sure the radio is in **FM** mode.
2. Scroll up the “SCAN” Scrolling Wheel button to higher frequency, vice versa.
3. Scroll up and hold the “SCAN” Scrolling Wheel button to scan the next channel at higher frequency, vice versa.
4. All the channels will be memorized until another scan is performed.

Select Mono/Stereo – FM Mode:

1. The default setting is Stereo in **FM** mode, there is a red “ST” logo shown on the left of the

frequency. When the signal is weak, it will change to Mono automatically, there is a red “Mono” logo shown on the left of the frequency.

Service Information – FM mode:

While listening to **FM**, the display will show the followings if applicable

1. Station Frequency
2. Volume level
3. Signal Strength
4. Battery Level
5. Lock Icon (if key is locked)

In **FM** mode, the backlight of LCD screen will be automatically shut down after one minute to save power.

Radio Antenna:

1. Use headphone or earpieces as antenna.

Key Lock Function:

1. Key lock switch is located at the right-hand panel of the radio. Switch the key lock switch button "LOCK>" up to "ON" position and you will see a red spot at the bottom of the switch button, all buttons will be disabled. Display will show a "lock icon" on the top of the display.
2. To switch off the key lock function, switch the key lock button down to "OFF" position. The key lock function will be disabled.

Power Off and Maintenance:

1. Please shut down the power and take out the lithium battery when unused for long time.
2. Please do not wipe it with rough materials.
3. Please do not attempt to disassemble or repair the product.

Technical Specifications:

- Model: DSE-555
- Radio Format Support: Digital tuning HKDSE Exam Mode and PLL FM

- Exam Mode Frequency: 94.8, 95.3, 95.6, 96.0, 96.3, 96.4, 96.9MHz(Mono)
- FM Frequency: 87.5-108MHz(Mono or Stereo)
- No. of Presets: Automatically scan and store all FM and DSE Exam channels
- Headphones output: Stereo 5mW RMS, 32 ohm
- Power Source: 3.7V 1000mAh Rechargeable Lithium Battery
- Usage Time: Approx. 35 hours
- Power Charge: USB power supplier (5V, 500mA)
- Charging Time: Approx. 2.5 Hours
- Dimension: 89x53x14mm
- Weight(Net): Approx. 70g (Including battery)
- Approvals: CE, RoHS

*Information of this manual is temporary and subject to change without prior notice.



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DSE-555

