Phottix

CnTrad

*Phottix Juno*閃光燈

說明書

請閱讀此閃光燈說明書及熟悉您的相機使用手冊與相關操作，以確保你的安全。

Phottix Juno閃光燈是專為搭配菲林或數碼單反相機使用而設計的，具有手動模式、頻閃模式及無線主控/從屬引閃功能。

警告

1. 請安全使用您的閃光燈。切勿在短距離內直接對著人或動物的眼睛觸發閃光燈，否則可能會損傷眼睛，甚至導致失明。

2. 在移動的交通工具上或附近，請謹慎使用閃光燈，因為可能會導致交通事故。

3. 請勿在可燃氣體（如汽油、溶劑等）附近使用閃光燈，有爆炸的危險！

4. 請勿讓閃光燈或電池接觸到滴水/濺水或高濕度物體。

5. 請勿將閃光燈或電池置於高溫環境下（如直射陽光、封閉的汽車等）。

6. 若一定時間內不使用閃光燈，請將所有電池取出。

7. 請按照需要更換電池。請使用未破損的狀態良好的電池。請勿混用不同型號的或混用新舊電池。

8. 閃光燈閃光時，請勿在閃光燈鏡片的前方放置不透光的物體，否則閃光燈發出的熱量將可能燒灼放置的物體或是損壞閃光燈管或菲涅爾鏡片！

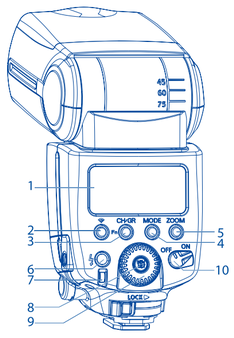
9. 閃光燈頭在使用後可能會很燙，請勿觸摸，有灼傷的危險！

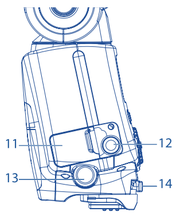
10. 閃光燈內部有高壓電子部件，請勿拆開或試圖修理閃光燈。切勿觸摸閃光燈的內部元件，有觸電的危險！

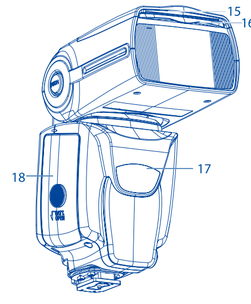
11. 請勿用金屬物體接觸閃光燈的外置電源埠，有可能觸電或造成重傷！

部件

1. 液晶顯示屏
2. 無線觸發模式按鈕
3. 頻道/組別按鈕
4. 閃燈模式按鈕
5. 變焦調節按鈕
6. 測試閃燈按鈕
7. 指示燈
8. 設定 / 確認按鈕
9. 轉輪
10. 開關按鈕
11. 外接電池埠
12. 1/4" 支架固定孔
13. PC同步埠
14. 熱靴鎖定/釋放杆
15. 反光板
16. 散光板
17. 光觸發感應器
18. 電池蓋







包裝內容

包裝內有以下物品

1. Juno閃燈
2. 閃燈袋
3. 閃光燈支架
4. 說明書
5. 柔光罩

安裝電池

1. 按住電池倉蓋並向閃光燈底部方向滑動，電池倉蓋將會彈起打開。
2. 按照電池倉中的指示圖插入AA電池。
3. 按住電池倉蓋並向閃光燈頂部方向推動 – 電池倉蓋將會鎖定到位。

請注意：

- 請使用4節同一品牌的標準規格高品質電池。請確保所有電池的電量保持一致。
- 閃光燈在使用時，電池可能會很燙，更換電池時需小心！
- 如果一定時間不使用閃光燈，請取出電池。

將閃光燈安裝到相機上

關閉相機和閃光燈

1. 將閃光燈熱靴與相機熱靴對準。
2. 滑動閃光燈使其完全插入相機熱靴。
3. 滑動鎖定杆到右側直至發出哧噠聲將閃光燈鎖定到位。
4. 鎖定釋放：按住鎖定杆上的鎖定釋放按鈕的同時將鎖定杆滑動到左側。

開啟/關閉閃光燈

1. 開啟閃光燈：將電源開關撥到“ON”的位置。
2. 關閉閃光燈：將電源開關撥到“OFF”的位置。

電池電量顯示

液晶顯示屏上的電池電量顯示器（見圖）會顯示閃光燈電池的剩餘電量，可以此作為一個粗略的參考來更換電池。如果閃光燈回電時間很長（30秒），請更換電池。

傾斜和旋轉閃光燈頭

1. 閃光燈頭的傾斜角度可以在-7度至90度之間調節（可傾斜檔位：-7度、45度、60度、75度、90度）。輕輕傾斜閃光燈頭到您拍攝所需要的角度。
2. 閃光燈頭可左右各旋轉180度（可旋轉檔位：30度、60度、75度、90度、120度、150度、180度）。輕輕旋轉閃光燈頭到您拍攝所需要的角度。

使用反射板或廣角散光板

Phottix Juno閃光燈的燈頭內置有一個白色反射板和一個廣角散光板。

1. 使用廣角散光板，閃光覆蓋範圍可以擴展至覆蓋14mm廣角鏡頭。
2. 當閃光燈頭仰起反射閃光時，白色反射板可用來在被攝體的眼睛裡創建眼神光。

使用步驟：

1. 利用散光板底部邊緣將散光板和反射板從閃光燈頭內輕輕拉出。
2. 散光板拉出後會置於閃光燈頭上。如果不需要使用反射板，請將它輕輕推回至閃光燈頭內。
3. 如果只使用反射板，請將散光板輕輕推回至閃光燈頭內。

註: 使用散光板時不能設定閃光覆蓋範圍。

使用閃光燈頭柔光罩

Phottix Juno閃光燈隨附一個柔光罩，在需要的情況下，此柔光罩可以安裝在閃光燈頭前面，它對於柔化光線、減少熱點和陰影及增加微距攝影的覆蓋範圍很有幫助。

使用步驟：

1. 將柔光罩與閃光燈頭對準。
2. 將柔光罩上一邊的卡口與閃光燈頭上相對應的卡口接合。
3. 重複第2步的步驟，使另一邊的卡口接合。

PC同步埠

1. PC同步埠可通過PC同步線連接至引閃器或相機來引閃閃光燈。此埠只能輸入閃光信號，不能輸出。

狀態指示燈

在發射或接收信號時，藍色指示燈會閃動一下。

外置電源埠

外置電源埠相容佳能CP-E4外置電池盒或其他相容的電池盒(如Phottix Indra500 電池搭配相容於佳能的電源線)。

請注意：

- 即使使用外置電池盒，也必須在閃光燈中安裝內置電池。
- 請勿使用非相容佳能的外置電池盒。

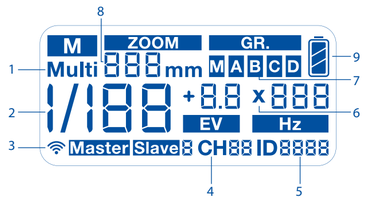
1/4吋支架固定口

可直接用此固定口將Juno閃燈固定在腳架，燈架或支架上的1/4吋螺絲，請確保螺絲在固定口鎖緊，以免鬆脫做成意外。

閃燈鎖定 / 釋放杆

用來開關固定鎖，當閃燈在相機或接收器熱靴上，務必使用固定鎖以避免閃燈鬆脫。

顯示介面



1. 閃燈模式(M:手動模式， Multi: 頻閃模式)
2. 閃燈輸出(1/128-1/1, 以1/3級顯示)
3. 無線模式選擇: Master, Slave, Slave 1, Slave 2或Off (不顯示)
4. 頻道(CH1-16)
5. ID (CH5-16, ID0000-9999)
6. 頻閃次數(1-90)及頻率顯示（1-100Hz)
7. 閃燈覆蓋範圍顯示(界乎14-200mm不等)
8. 組別顯示（M, A,B,C,D)
9. 電量顯示

註: 視乎所選擇的模式，不是所有選項皆會同時顯示。

操作

閃燈模式設定

1. 按一下閃燈模式按鈕，閃燈模式圖示會閃動。
2. 用轉輪選擇手動(M)或頻閃(Multi)模式。
3. 按設定 / 確認按鈕確認（如10秒沒有任何動作會自動確認）。

輸出設定

1. 按一下設定 / 確認鈕，閃燈輸出會閃動。
2. 用轉輪選擇輸出。
3. 按設定 / 確認鈕確認（如10秒沒有任何動作會自動確認）。

閃燈焦距設定

1. 按一下設定 / 確認鈕，焦距數值會閃動。
2. 用轉輪選擇焦距。
3. 按設定 / 確認鈕確認（如10秒沒有任何動作會自動確認）。

無線功能設定

1. 按一下無線觸發模式按鈕，無線模式狀態會閃動。
2. 用轉輪設定Master/Slave/Slave1/Slave2/Off (空白顯示)。
3. 按設定 / 確認鈕確認（如10秒沒有任何動作會自動確認）。

頻道 / 組別設定（需配合特定的無線模式使用）

1. 按一下頻道 / 組別設定按鈕，頻道顯示會閃動
2. 用轉輪設定頻道 。
3. 如不需要設定組別，按設定 / 確認鈕確認（如10秒沒有任何動作會自動確認）。
4. 如需設定組別，在頻道顯示閃動的狀態下按一下頻道 / 組別設定按鈕，視乎無線模式可作不同設定，詳情請參閱無線模式章節。

測試按鈕

1. 紅燈長亮： 充電完成，可閃光。
2. 紅燈閃爍： 充電中，不能閃光。
3. 紅燈長亮時按一下測試按鈕可按當前的輸出設定測試閃燈輸出。

指示燈

閃燈閃光，發射或接收訊號時，藍色指示燈會閃一下。

閃燈模式

手動（M）模式 - 在OFF（OF），1/128-1/1之間以1/3級設定輸出（用設定 / 確認鈕及轉輪選擇）。

頻閃（Multi)模式

1. 在頻閃模式下，按一下設定 / 確認鈕，輸出會閃動，以轉輪調較輸出。
2. 再次按設定 / 確認設定閃光次數（1-90)。
3. 再次按設定 / 確認設定每秒閃光頻率（1-100Hz）。

註： 頻閃模式下最大輸出為1/8(以1級增量調整)。

各級輸出下最大閃光次數

閃光輸出	最大閃光次數
1/8	4
1/16	8
1/32	12
1/64	24
1/128	24

無線模式

無線主控模式（Master）

1. 在此模式下，可觸發Ares II, Strato II 接收器，接收模式的Atlas II, Strato II 接收模式的Mitros+, Indra500及Indra360。
2. 按一下無線觸發模式按鈕，無線模式狀態會閃動，以轉輪選擇主控模式（Master）。
3. 按設定 / 確認鈕，輸出會閃動，以轉輪調較主控閃燈輸出，以設定 / 確認鈕確認。
4. 在主控模式（Master）下，可選擇頻道及設定頻道下各組別開關，如要設定，先按頻道 / 組別鈕，頻道會閃爍，以轉輪設定頻道，如需設定組別開關，在頻道設定閃爍的狀態下按頻道 / 組別按鈕，會順序依頻道，組別A,B,C,D及ID閃爍，在閃爍的情況下可用轉輪調整該組別的開關（ON / OF）或在ID的數位碼閃爍的情況下可用轉輪調整主控閃燈ID的數位碼閃爍的增減。

註：組別關掉的情況下該組別不會顯示在屏幕上，數位碼ID只適用於5-16頻道。必須在相同頻道，數位碼ID（如有）及開啟的組別才能引閃。

Juno的組別是M。

無線從屬模式(Slave)

1. 在此模式下，可被Ares II, Odin, Odin II, Strato II, Strato TTL 發射器觸發，Odin發射模式的Mitros+觸發。
2. 按一下無線觸發模式按鈕，無線模式狀態會閃動，以轉輪選擇從屬模式（Slave）。
3. 按設定 / 確認鈕，輸出會閃動，以轉輪調較從屬閃燈輸出，以設定 / 確認鈕確認。
4. 在從屬模式（Slave）下，可選擇頻道及設定組別，如要設定，先按頻道 / 組別鈕，頻道會閃爍，以轉輪設定頻道，如需設定組別，在頻道設定閃爍的狀態下按頻道 / 組別按鈕，會順序依頻道，組別A,B,C,D及ID閃爍，在組別閃爍的情況下可用轉輪調整從屬閃燈的組別，在ID的數位碼閃爍的情況下可用轉輪調整從屬閃燈ID的數位碼閃爍的增減。

註：組別關掉的情況下該組別不會顯示在屏幕上，數位碼ID只適用於5-16頻道。必須在相同頻道，數位碼ID（如有）及開啟的組別才能引閃。

光引閃模式（Slave1/Slave2)

1. 在此模式下，可被任何閃燈的閃光觸發。
2. 按一下無線觸發模式按鈕，無線模式狀態會閃動，以轉輪選擇從屬模式（Slave1/Slave2）。
3. 按設定 / 確認鈕，輸出會閃動，以轉輪調較從屬閃燈輸出，以設定 / 確認鈕確認。
4. Slave1是指被第一下閃光觸發，Slave2是指被第二下閃光觸發（防止被TTL預閃觸發），如主控燈是TTL模式，請用Slave2。

註：觸發的閃燈要能照射位於閃燈前的光觸發感應器才能引閃。

自定義功能

1. 同時按無線觸發模式及頻道 / 組別鈕進入自定義功能選單。
2. 按一下無線觸發模式按鈕，無線模式狀態會閃動，以轉輪選擇休眠時間（SL）及閃光燈聲音（SP）。
3. 按設定 / 確認鈕，所選項目會閃動，以轉輪調較設定，按設定 / 確認鈕確認。
4. 休眠時間（SL）-（OF/10/30/60)(關 / 10分 / 30分 / 60分)，閃光燈聲音（SP） - On/Off。

過熱保護

閃光燈具有的過熱保護電路功能，將會通過放慢閃光回電時間來避免過熱造成部件損壞。在短時間內，以全功率閃光約20次後，將會啟動該過熱保護功能。過熱保護功能生效時，

閃光燈螢幕上將會出現“Hot!”圖示。為避免過熱及可能的損壞，請停止使用閃光燈，等待10分鐘使其冷卻後再使用。

技術參數

閃光模式: 手動(M), 頻閃(Multi)
閃光指數: 58 (ISO100, 200mm)
閃光覆蓋範圍: 20-200mm (用廣角散光板時為14mm)
閃光燈頭可調角度: 向上: 0-90度，向下: 0-7度，向左:0-180度，向右:0-180度
電源: 4枚AA鹼性電池或AA鎳氫(Ni-MH)電池
回電時間: 0.1~5秒
頻閃模式: 1-100Hz
頻閃次數: 1-24次
充電確認: 紅色測試按鈕長亮
省電模式: 關 / 10分 / 30分 / 60分
無線選項: Master/Slave/S1/S2
傳輸距離: 100米
尺寸: 190x75x53mm
重量: 380g

Phottix

Warranty Card

Serial Number:

Phottix Warranty Card

Phottix offers warranty service and/or replacements that comply with local regulations. For full information see: phottix.com/warranty

Keep this card – do not lose.

Phottix保修卡

Phottix將會按當地法規提供保修 / 更換服務。詳情請查看閱Phottix網站phottix.com/warranty

請小心保存此卡，不要遺失

www.phottix.com

Printed in China

Phottix

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The Phottix Juno Flash

INSTRUCTION MANUAL

Note: To immediately start using this flash please refer to the quick-start guide. For advanced features please read this manual and be familiar with your camera manual and operations.

The Phottix Juno Flash is designed to work with most popular film and DSLR cameras system. It features manual power control and transceiver technology for off-camera use.

Warnings

1. Use your flash safely. Do not fire the flash into the eyes of people or animals at short distances – damage and/or blindness can occur.

2. Be careful using the flash in or around cars, buses, motorcycles or other moving vehicles as accidents can result.

3. Never use the flash near combustible gases (gasoline, solvents, etc.)

4. Do not expose the flash or batteries to dripping/splashing water, or high humidity.

5. Do not leave the flash or batteries in a hot location (direct sunlight, in a closed car, etc.)

6. Remove batteries from the flash when not being used for an extended period of time.

7. Change the batteries when required. Use undamaged batteries in good condition. Do not mix battery types or new and used batteries.

8. Do not put opaque objects in front of the flash lens when firing the flash. The energy emitted by the flash may cause objects to burn, or cause damage to the flash tube or fresnel lens.

9. Use caution in touching the flash head after use. It may be hot and can cause burns.

10. The flash contains high voltage electronic parts. Do not disassemble or attempt to repair the flash. Never touch the flash's internal components.

11. Do not touch the External Power Port contacts with any metal objects – this can cause electric shock and serious injury.

Contents

1. Juno flash
2. Flash bag
3. Flash Stand
4. User guide
5. Flash diffuser

Please note:

These instruction assume:

. Both the flash and camera are switched on.

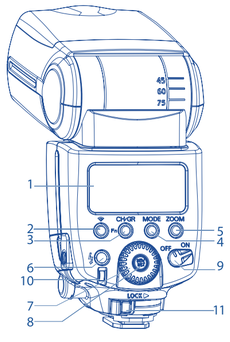
. The flash and camera are set to the same settings as this manual.

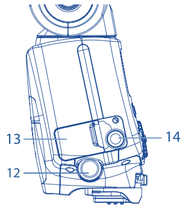
. The flash is being used with a compatible camera.

Parts

Back / Left Side

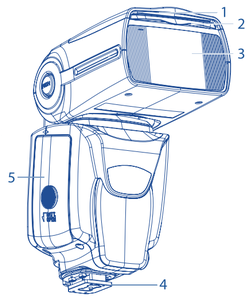
1. LCD Display
2. Wireless Mode Button
3. Channel / Group Button
4. Mode Button
5. Zoom Button
6. Test/Status Button
10. Power Light
7. Control Wheel
8. Set Button
9. Power Switch
11. Locking Lever
12. PC Sync Port
13. External Power Port (Canon compatible)
14. ¼" x 20 Mounting Lug





Front / Right Side

1. Bounce Card
2. Wide Angle Diffuser
3. Flash Head
4. Hot Shoe
5. Battery Compartment



Installing batteries

1. Press the battery cover in while pushing it towards the bottom of the flash. The battery cover will open and raise.

2. Insert AA batteries as shown by the diagram inside the battery compartment.

3. Lower the battery cover and push back towards the top of the flash, locking it in place.

Please note:

- Please use four standard high-quality batteries of the same brand. Make sure all batteries are at similar powers levels.

- Batteries can get hot when the flash is being used. Use caution when changing batteries.

- If you do not use the flash for an extended period of time, store with batteries removed.

Attaching the flash to a camera

Turn off both the camera and flash

1. Align the flash hot shoe with the camera hot shoe.

2. Slide the flash into the camera hot shoe until fully inserted.

3. Lock the flash in position by pushing the locking lever to the right until the lock engages with a click.

4. To Unlock, press the locking release button on the locking lever and slide to the left.

Turning the Flash On / Off

1. To power on the flash move the power switch to the on position.

2. To power off the flash move the power switch to the off position.

Battery Level Indicator

The Battery Level Indicator on the LCD (see below) will display an approximate indication of how much power remains in the batteries in the flash. Use this as a rough guide as to when a battery change is needed. If flash recycling time has become very long (30 seconds) change the batteries.

Raising and Rotating the Flash Head

1. The flash head will elevate from 7 to 90 degrees with stops at 0, 45, 60, 75 and 90 degrees. Gently raise or lower the flash head into the required position.

2. The flash head will rotate 180 degrees in either direction with stops at 30, 60, 75, 90, 120, 150 and 180 degrees. Gently rotate the flash head into the required position.

Using the Bounce Card or Wide Angle Diffuser

The Phottix Juno Flash comes equipped with a white bounce card and wide angle diffuser panel in the flash head.

1. The wide angle diffuser panel will cause the flash to spread light to a 14mm equivalent.

2. The white bounce card can be used when the flash head is in a raised position to bounce light forward to assist with catch lights in a subject's eyes.

To use:

1. Gently pull the diffuser panel and bounce card from the flash head using the ridge on the bottom of the diffuser panel.

2. If using the diffuser panel it will drop into position over the flash head. Gently push the bounce card back into the flash head if not needed. When used, the diffuser panel will automatically reset the flash head zoom to 14mm and flash head zoom cannot be set.

3. If using the bounce card only gently push the diffuser panel back into the flash head.

Using the Flash Head Diffuser

The Phottix Juno Flash comes with an attachable diffuser that can be added to the front of the flash head when needed. It is good for softening light, reducing hot spots and shadows and better coverage for macro photography.

To use:

1. Align the diffuser with the flash head to the relevant slot.

2. Snap one side of the diffuser mount into the corresponding flash head mount.

3. Repeat step 3 on the other side of the diffuser.

Overheating Protection

The Phottix Juno contains an overheating protection circuit that will slow flash recycle time to avoid overheating-related damage. Approximately 20 full-power flashes in a short amount of time will trigger this protection. A [Hot!] Icon will appear when the overheating protection circuit is in operation.

To avoid further overheating or possible damage, wait 10 minutes before using the flash.

PC Sync Port

1. The PC Sync Port can be used with a PC sync cable (male) to trigger the flash – from a flash trigger or camera. This port is input only – flash signals are not output from this port.

Test/Status Button

1. The Test/Status Button will light solid red when the flash is fully charged and ready to use.

2. The Test/Status Button will flash red when the flash is recycling.

3. Pressing Test/Status Button will trigger the flash. In Wireless Master Mode pressing the test button will fire slave flashes on the same channel being controlled by the Master flash.

Power Light

The Power Light will illuminate red when the flash is powered on, and to indicate the flash is ready to fire

External Battery Port

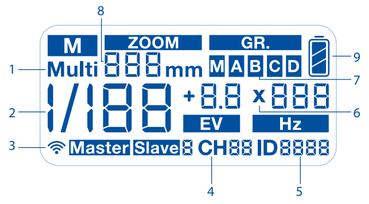
The External Battery Port is Canon-compatible and a Canon CP-E4 compact battery pack or compatible models can be used with the Phottix Juno.

Please note:

- Batteries must be used in the flash even when an external battery pack is used.

- Never use non Canon-compatible battery packs.

The LCD Display



The LCD display on the Phottix Juno flash contains important information regarding flash settings and functions.

1. Flash mode (M: Manual mode , Multi: Multi mode)
2. Flash output level (1/128 - 1/1 in 1/3 stop increment)
3. Wireless mode settin (Master, Slave, Slave 1, Slave 2 or off (not display)
4. Channels (CH1-16)
5. ID (CH5-16, ID0000-9999)
6. No. of flash in multi mode(1-90) and frequency display (1-100Hz)
7. Flash zoom range (within 14-200mm)
8. Group display (M,A,B,C,D)
9. Battery indicator

Note: Depends on chosen mode, not all settings will be display at the same time.

Auto-Save Functions

The Phottix Juno will remember flash settings. Mode, power levels, etc. will be retained in the flash if it is turned off and then back on.

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INSTRUCTION MANUAL

Setting Flash Zoom

The Phottix Juno Flash allows users to adjust flash head zoom from 14mm to 200mm.

To set:

1. Press the zoom button.

2. Rotate the adjustment wheel to increase or decrease the zoom distance.

3. Press the SET button when the zoom adjusted.

Please Note:

When using the flash head diffuser panel zoom will set to 14mm and cannot be changed.

Auto-Idle Functions

To save battery power the Phottix Juno Flash is equipped with Idle and Auto Off modes.

1. In Non-Wireless Slave Modes: The flash will go into Auto Idle mode after 10/30/60 min depends on setting. if no buttons have been pressed or it has not been fired. The flash LCD will go blank. Half-pressing the camera shutter button or pressing the test button on the flash will wake up the Phottix Juno.

2. In Wireless Radio Slave Mode (Slave mode but exclude slave 1 and slave 2), the flash will not go to auto idle.

Flash Modes

The Phottix Juno has two flash modes: Manual (M) and Multi (Stroboscopic).

To change modes:

1. Press the Mode button.

2. Rotate the Control Wheel until the desired mode.

3. Press Press the Set Button to set the new mode.

4. If the Set Button is not pressed the Juno will automatically set the new mode after approximately 10 seconds.

Manual (M) Mode

In Manual Mode the flash will fire at the power level you set. The Phottix Juno Flash can be adjusted from 1/1 (full power) to 1/128 – 8 stops of adjustments in 1/3rd stop increments. Aperture, shutter speed and ISO on the camera need to be manually adjusted. For best results use M-Manual mode on the camera.

Adjusting Power Levels

1. Press the Set Button. The displayed power level will flash.

2. Rotate the Control Wheel until the desired power level is displayed.

3. Press the Set Button to set the new power level.

4. If the Set Button is not pressed the Juno will automatically set the new power level after approximately 10 seconds.

Multi: Stroboscopic Mode

With Multi Stroboscopic mode a series of rapid flashes will be fired. The flash count, frequency and power of these flashes can be programmed on the Phottix Juno. Multi mode is useful for capturing multiple images of a moving subject in the same photo and other special effects.

The frequency of the effect (in Hz. - number of flashes per second), the total number of flashes and output levels can be set.

To use:

1. Set the Juno to Multi mode (above).

2. Pressing the SET button will cycle through the Power, Flash Count and Frequency settings. Each setting will flash when highlighted.

3. When highlighted, use the Control Wheel to adjust the setting.

4. Press the SET button to continue to the next setting. After cycling through the three settings the display will revert to its native Multi Mode display

5. If the Set Button is not pressed the Juno will automatically set the new level(s) after approximately 10 seconds.

Please note:

1. Overheating and damage can result from excessive use of the Multi Stroboscopic Mode. Do not use more than 20 times in succession.

2. When overheated the flash will stop flashing and 'hot' icon will be indicated on screen, please allow the flash to cool down.

Stroboscopic Mode and Shutter Speeds

To determine the proper camera shutter speed to be used with various Stroboscopic Mode variables, use the following formula: Number of flashes / Frequency = Shutter Speed

Example: 5x (number of flashes) / 10 Hz (Frequency) = .5 second shutter speed.

This is a rough guideline: You may need to increase or decrease the shutter speed to get the desired result.

Multi Stroboscopic Mode Maximum flash count chart.

Please refer to the table below for the maximum number of flashes that the Juno flash allow with certain power setting.

Flash Output	1/8	1/16	1/32	1/64	1/128
Flash count	4	8	12	24	24

Wireless Modes

The Phottix Juno has a built-in transceiver. It can be used to trigger other nearby Juno flashes using radio signal (when used as a "Master" transmitter), It can be set as a receiver "Slave" flash and be triggered by Juno Flashes in transmitter mode or by compatible Phottix Flash Triggers, or optically by other flashes.

Master Mode: The Juno Flash acts as transmitter and triggers other Juno flashes or compatible Phottix products. While set in Master Mode the Juno flash can also be used as a flash with power set from 1/1 to 1/128, or set not to fire.

Slave Mode: The Juno Flash act as a receiver and fires at the set power level when receiving a radio signal from the Phottix Juno flash in Master Mode or other compatible Phottix product.

S1 Mode: Optical Slave Mode: The Phottix Juno will be triggered when other nearby flashes fire.

S2 Mode: Optical Slave Delay Mode: The Phottix Juno will be triggered when other nearby flashes fire. This mode delays the triggering of the Juno to account for any TTL pre-flash signals that made cause unwanted early triggering.

Selecting Wireless Triggering Modes

To access and set the wireless triggering modes on the Juno:

1. Press the Wireless Mode Button.

2. The Wireless Icon in the bottom left of the Juno LCD will flash when this selection is active.

3. Use the Selection Wheel to cycle between Master (M), Slave (S), Slave 1 (S1) and Slave 2 (S2) modes.

4. Press the Set Button to select the wireless mode.

5. If the Set Button is not pressed the Juno will automatically set the selected mode after approximately 10 seconds.

Channels, Groups and Digital ID in Master and Slave Modes

In Master and Slave Wireless modes Channel, Group and Digital ID Codes can be set on each flash.

Channel: The channel (1-16) that the Juno transmits or receives signal on.

Group: Flashes can be designed to a group - A, B, C or D. Very useful when using several lights.

Digital ID: Allows a unique four digit code to be set on the Juno. The Juno will only trigger from another Phottix product using that unique code (when using Channels 5-16 only).

Adjusting Channels, Groups and Digital ID in Master and Slave Modes

1. Press the Channel/Group Button. The Channel Display on the LCD will begin to flash.

2. Rotate the Control Wheel to cycle between Channels, Groups and Digital ID.

3. To adjust: Press the Set Button when Channels, Groups and Digital ID is selected. The adjustable parameter will begin to flash.

4. Rotate the Control Wheel to make adjustments.

5. Press the Set Button after adjustments are made.

6. If the Set Button is not pressed the Juno will automatically set the selected mode after approximately 10 seconds.

Please Note:

- In S1 and S2 Modes only the power level can be set on the Juno.

- Do not place any obstacles between the master unit and slave unit(s). Obstacles can block signal transmissions.

- Ensure the slave flash's Wireless Signal Receiver Area faces toward the triggering flash.

- TTL pre-flashes will set off a flash set to S1 Slave mode. The flash will fire before the exposure. Do not mix S1 Slave mode with other flashes using TTL. In these situations use S2 Slave mode.

Adjusting Group in Master Mode

When using Wireless Master Mode on the Juno you can set Slave flashes Groups on On or Off. Groups set to Off will not trigger.

1. Press the Channel/Group Button. The Channel Display on the LCD will begin to flash.

2. Rotate the Control Wheel to cycle Groups.

3. Press the Set Button and Rotate the Control Wheel to the Group to be turned on/off.

4. Press the Set Button.

5. The LCD will display an ON or OF (OFF) to show the status of the group.

6. Press the Set Button and Rotate the Control Wheel to change the group from On to OFF.

7.The on-camera Flash in Master Mode is Group M. Power can be set (as above) or it can be turned off and used only as a trigger.

When using Wireless Modes Please Note:

- Make sure the M (Master) Juno and S (Slave) Juno are set to the same transmission channel (1-16). If Master and Slave flashes are set to different channels the Slave flashes will not fire.

- If used, make sure the same Digital ID Code is used on all Juno flashes. If the codes are different the flashes will not trigger.

Custom Functions

The Phottix Juno Flash comes with a number of programmable custom functions. To edit these functions (below):

1. Press and hold the wireless and CH/GR button simultaneously to access the custom function menu.

2. Use the control wheel to select between speaker sound (SP) (on/off) or sleep mode time (SL) (10/30/60min/off).

3. To change a custom setting, press the set button while the custom setting is displayed.

4. Use the control wheel to make the selection value.

5. Press set to confirm.

Auto Backlight

The backlight will light up for approximately 15 seconds and then go off if no buttons are pressed..

Resetting to Factory Defaults

The Phottix Juno Flash can reset to factory defaults.

To reset the flash:

1. Press and hold the MODE and SET buttons for 3 seconds.

2. The flash will reset to factory default settings.

3. All custom functions will be reset to factory defaults.

Changes to the flash capacitor:

If the flash is not used for some time physical changes will take place within the flash's capacitor. Make sure to turn on the flash a minimum of 10 minutes every three months to prevent any physical changes.

Technical Specification

Flash mode: Manual(M), Multi(Multi)

Guide No.: 58 (ISO100, 200mm)

Flash head coverage: 20-200mm (14mm with wide angle diffuser)

Flash head angle: Top: 0-90 degree, Down: 0-7 degree, Left:0-180 degree, Right:0-180 degree

Battery: 4 AA alkaline or AA(Ni-MH) batteries

Recycle time: 0.1-5seconds

Multi flash frequency: 1-100Hz

Multi flash no: 1-24 time

Recycle power confirm: Test button lit red

Power saving: off／10 min／30min／60min

Wireless option: Master/Slave/S1/S2

Wireless range: Approx 100 meters

Dimension: 190x75x53mm

Weight: 380g

www.phottix.com

Printed in China