PIXEL

閃光燈

X800N PRO
適用尼康

SPEEDLITE

使用說明書　　繁體中文

警告

● 請勿置於高溫中或陽光直射下的封閉空間等高溫地方。
● 請保持乾燥，勿用濕手接觸產品，亦不可將產品浸入水中或暴露雨中，否則導致無法正常使用。
● 請勿在易燃氣體中使用，違反此警告可能引發爆炸或火災。
● 本產品涉及電池，開於電池的使用請嚴格按照相應的操作規範，否則可能導致爆炸，火災。
● 不要使用元件受到強烈震動，否則可能導致產品發生故障。
● 長期不使用時，請將電池取出。
● 請勿太近距離對人體的眼睛觸發閃光，否則會損傷眼睛或導致失明。
● 閃光燈在連續使用後，會很燙，請勿觸摸，有灼傷的危險。
● 閃光燈在連續使用後，請勿馬上更換電池，小心電池可能會很燙。
● 請勿自行拆卸或修理閃光燈，內有高壓元件，有觸電的危險。
● 必須使用同品牌，同類型的電池。
● 切勿裝錯電池正負極，否則將導致漏液、發熱或破裂。

規格

閃光指數：60（ISO100 200mm）
覆蓋範圍：20–200mm
自動變焦：根據拍攝的視角和圖像自動設定覆蓋範圍
手動變焦：根據相機或閃光燈設定而改變
閃光模式：iTTL/M/RPT
頻閃閃光：1–500Hz
無線閃光：FSK2.4GHz無線電傳輸
　光傳輸，支持主控/從屬 / S1、S2
同步模式：高速同步、前簾同步、後簾同步、防紅眼同步
照明模式：標準、平均、中央重點
可調角度：上下：–7/90度
　　　　　左/右：180度/180度
手動模式：1/128–1/1功率（1/3檔增量）
回電時間：2.5秒（1/1全功率輸出）
顯　示　屏：高分辨點陣屏
內置電源：4節AA鹼性電池或充電電池
外部接口：熱靴、PC端口、USB端口、外接電源口
曝光補償：以1/3檔爲增量 ±3檔
電池壽命：180次（1/1閃光輸出，使用三洋Eneloop電池）
燈管壽命：超長壽命設計
過熱保護：多點溫度控制、電池燈管過熱警報
對　焦　燈：29個點陣式輔助對焦點
FV 鎖　定：支持
固件更新：支持
尺　　寸：78.04mm×60.5mm×193mm
重　　量：408.7g（不含電池）

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部件名稱

反射角度指數
PUSH反射鎖定釋放按鍵
液晶顯示屏
ZOOM變焦鍵
FUNC功能選擇鍵
電源開關：
<OFF>關閉電源
<ON>打開電源
<LOCK>鎖定按鈕
確認按鍵
選擇撥盤
防塵、防水滴釋放裝置

-/+功能鍵
*CLS無線閃光功能鍵
閃光模式鍵
閃光燈就緒指示燈/測試閃光按鍵/曝閃外測光鍵
固定座鎖定杆
鎖定釋放按鈕

反射板
廣角散光板
閃光燈頭

電池倉蓋

對焦輔助燈

光學傳輸感應器
外部電源插座
電子觸點
SYNC同步
USB接口
固定座

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主功能顯示界面

閃光模式：TTL M RPT TTLB
變焦模式：M 200mm A 200mm
焦距：20mm–200mm
電量信息：
按鍵聲音：
液晶屏照明時間：

閃光燈曝光補償：±3.0EV
TTLB A 200mm 50mm
-0.0EU
0.0EU
相機曝光補償
FP高速同步圖標

閃光燈燈頭向上/向下圖標
向上：
向下：

待機時間：

同步模式：
前簾同步圖標
AF輔助對焦燈開關：

TTLB A 200mm 50mm
0.0EU
0.0EU
FP

照明模式：

*CLS功能圖標

-/+鍵圖標　ZOOM變焦圖標　FUNC功能圖標

輸出功率：1/128–1/1
RPT A 200mm 50mm
1/128
1 TIMES
1 HZ
頻閃頻率
功能設置名稱
頻閃次數

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無線主控顯示界面

無線閃光模式：
主控閃光開關：
主控組別：
控制頻道：
主控閃光模式
從屬閃光模式
從屬組別：A B C
從屬模式：CLS S1 S2

TTL A 200mm 50mm
M:TTL10.0EU
A:M:1 1/32
B:TTL10.0EU
C:M:1 1/32

從屬顯示界面

從屬模式：SL
無線閃光模式：
從屬組別模式：

SL A 200mm 50mm
SLAVE A
M0D1 S1
1/32
待機時間：
從屬模式：CLS S1 S2

S1/S2輸出功率：1/128–1/1

功能簡介

　　品色X800N PRO（專業版）是一款高性能的閃光燈。閃光指數高達GN60、體積小巧、閃光精準；X800N PRO內置FSK2.4GHz無線閃光控制系統，可兼容品色KING PRO直接控制；全功率輸出回電小於2.5秒，可兼容所有的尼康單反相機；采用省電設計，全功率輸出可閃180次；X800N PRO自創多點陣溫控設計，保證不發生過熱失效或燒壞燈頭元器件問題；外觀精致，使用高分辨點陣屏，功能設計一目了然，操作簡單明了；還可以通過USB接口升級固件。

按鍵及功能描述

選擇撥盤

此選擇撥盤可以左右旋轉調整閃光燈的設置參數，向左旋轉爲減少設置參數，向右旋轉爲增加設置參數。

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*CLS功能鍵

長按此鍵進入無線控制模式，第一次長按進入無線主控閃光模式；第二次長按長按進入從屬模式，再次長按退出無線閃光模式。

SET*CLS：在無線模式下，輕按該按鍵可設置無線閃光功能，長按進入下一個功能。
帶 *功能鍵表示可長按進入相應的功能設置。

-/+設置鍵

按此設置鍵用於調整閃光燈的閃光輸出參數。

ZOOM

ZOOM變焦鍵用於設置變焦模式。變焦模式分別爲手動變焦 [M 200mm] 和自動變焦 [A 200mm]，此功能設置時配合選擇撥盤使用。

※焦距可設置20–200mm，部份相機不支持較高的焦距，焦距設置應以相機爲準。20–200mm會正常顯示，超出此範圍可能顯示出錯，與閃光燈不符的焦距也可能會顯示出錯。

FUNC功能設置

FUNC功能鍵可分別設置按鍵聲音、液晶屏照明時間、AF對焦輔助燈、待機時間、照明模式等功能。
顯示屏功能排列順序爲：按鍵聲音 [ ] → 液晶屏照明時間 [ ] →AF對焦輔助燈 [ ] →待機時間 [ ] →照明模式 [ ]

按鍵聲音設置

輕按FUNC進入按鍵聲音設置後，旋轉選擇撥盤。選擇打開聲音 [ ] 或關閉聲音 [ ]，按OK鍵完成設置。

液晶屏照明設置

連續按FUNC鍵，進入液晶屏照明時間設置 [ ]，旋轉撥盤選擇液晶屏照明時間。
[ ] 爲液晶屏照明常亮，
[ ] 爲液晶屏照明亮5秒，
[ ] 爲液晶屏照明亮10秒，
[ ] 爲關閉液晶屏照明時間，
選擇後按OK鍵完成設置。

AF 對焦輔助燈設置

對焦輔助燈主要用於拍攝環境較暗或對比度較低條件下，此環境拍攝時打開AF，閃光燈內置的對焦輔助燈會亮起來輔助自動對焦。

連續按FUNC鍵，進入AF對焦輔助燈設置 [ ]，旋轉選擇撥盤選擇打開AF [ ] 或關閉AF [ ]，選擇後按OK鍵完成設置。

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待機時間設置

連續輕按FUNC鍵進入待機時間設置 [ ]，旋轉選擇撥盤選擇待機時間。
[ ] 爲5分鐘待機時間，[ ] 爲10分鐘待機時間，
[ ] 爲30分鐘待機時間，[ ] 爲1小時待機時間，
[ ] 爲2小時待機時間，[ ] 爲4小時待機時間，
[ ] 爲不休眠狀態，

選擇後按OK鍵完成設置。
從屬模式進入休眠狀態，閃光燈顯示屏會顯示 [SLEEP] 圖標，喚醒閃光燈半按相機快門或按閃光燈測試閃光鍵即可。

照明模式設置

連續按FUNC鍵進入照明模式設置 [ ]，旋轉撥盤選擇照明模式：
標準照明模式 [ ]，普通閃光拍攝環境下的基本照明模式；
平均照明模式 [ ]，圖像四周的光線衰減少於標準照明模式；
中央重點照明模式 [ ]，中央重點照明模式下，圖像中央的指數大於標準照明模式。

※ 平均照明模式適用於拍攝集體照，這種情況下要求光線充足，四周無光線衰減。
※ 中央重點照明模式適用於拍攝可忽略圖像四周光線衰減的人像等。

LOCK

用於鎖定閃光燈的設置參數，以避免閃光參數被意外改變。

MODE

MODE爲閃光模式鍵，用於設置閃光燈閃光模式，可分別設置iTTL全自動閃光、手動閃光、頻閃閃光模式。
長按此鍵可恢復原瞬設置。

TTL

TTL爲尼康的標準i-TTL模式，在此模式中無論背景亮度如何，均可以調節閃光燈輸出量，使主要拍攝對象得到正確曝光。
TTL模式時可設置曝光補償，曝光補償爲-3.0EV至+3.0EV，以1/3檔爲增量±3檔。

TTLB

TTLB爲尼康的i-TTL均衡補充閃光，在此模式中可以調節閃光輸出量，使主要拍攝對象和背景得到均衡曝光。
TTLB模式時可設置曝光補償，曝光補償爲-3.0EV至+3.0EV。以1/3檔爲增量±3檔。

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RPT

頻閃閃光模式，RPT頻閃閃光模式可使同一畫面出現一串連續運動的影像。在頻閃閃光模式下，可設定閃光輸出功率，閃光次數，閃光頻率。

1、閃光模式中的閃光次數指每幀照片閃光燈的閃光次數。
2、閃光燈的閃光頻率指每秒鐘閃光燈的閃光次數。
3、設置閃光時設定相機的快門速度，用下面公式計算快門速度，然後將相機的快門速度設定爲慢於由計算所得的快門速度。

快門速度=閃光燈的閃光次數/閃光燈的閃光頻率。
例：如果閃光燈的閃光次數爲10（次），閃光燈的閃光頻率爲5（Hz）。則請將快門速度設爲2秒以上，也可設定B門。

※由於頻閃快門速度較慢，建議使用三腳架以防止相機/閃光燈震動。
※使用頻閃時，閃光輸出量的設定範圍爲M 1/8至M 1/128。

M

手動閃光模式，可設置1/128至1/1全輸出間以1/3檔爲增量設定閃光輸出功率。
設置閃光時必須配合撥盤使用，向左旋轉爲減量設置，向右旋轉爲增量設置。

USB接口

用於固件升級；最新固件可在官網下載更新。
官網：www.pixelhk.com.cn

PC接口

用於同步連接連接相機或觸發器觸發閃光。

PUSH反射鎖定釋放按鈕

按此按鈕，閃光燈燈頭可以上下左右旋轉，上下旋轉–7至90度、左/右旋轉180度。

反射板

使用反射板拍攝可以使人的表情中反射光線并創建更加生動的表情。
使用時，將反射板和廣角散光板一起拉出，推回廣角散光板即可使用反射板。

廣角散光板

使用廣角散光板拍攝時，閃光覆蓋範圍會擴大。使用時，將反射板和廣角散光板一起拉出，推回反射板即可使用廣角散光板。

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無線閃光控制

X800N PRO具有光傳輸閃光控制和無線電閃光控制功能。
[ ] 光傳輸模式；
[ ] FSK2.4GHz無線電傳輸模式。

無線閃光控制（光學傳輸）

　　X800N PRO具有光傳輸閃光控制功能。安裝在相機端的閃光燈可通過光學脈衝傳輸信號遠程控制閃光燈閃光。使用光傳輸閃光模式時，安裝在相機端的閃光燈必須設置爲主控模式，遠程閃光燈設置爲從屬模式。光傳輸閃光是通過光學脈衝實現的，而不是無線電信號傳輸，傳輸距離較小。使用時，請注意以下問題：
1、在使用光傳輸閃光模式時，必須確保從屬閃光燈在有效的控制範圍之內；
2、從屬閃光燈的接收信號傳感器必須朝向主控閃光燈；
3、必須使用具有光傳輸傳輸信息拍攝功能的閃光燈；
4、使用光傳輸閃光時，主控閃光燈與從屬閃光燈之間請勿放置任何障礙物，否則會影響光學信號傳輸；
5、在無線閃光模式下，RPT頻閃閃光只支持防紅眼同步和前簾同步。

光傳輸閃光功能參數

傳輸方式：光學脈衝
控制模式：主控/從屬，S1/S2
控制頻道：1–4個
控制組別：3組（A/B/C）
傳輸距離：約0.7–10米
水平方向：±40°；垂直±30°（面向主控燈）
同步模式：高速同步、前簾同步、後簾同步、防紅眼同步
閃光模式：TTL/M/RPT

光傳輸閃光控制操作介紹

第一次長按*CLS進入無線閃光主控模式
第二次長按該鍵進入無線閃光從屬模式（SL）
第三次長按該鍵退出無線閃光模式
無線主控閃光模式可設置閃光頻道、主控閃光開關及從屬各組別閃光模式。

1、無線閃光模式選擇

進入無線閃光主控模式後，輕按SET*CLS鍵，旋轉撥盤，選擇光傳輸模式 [ ]

2、無線閃光頻道設置

進入無線閃光主控模式後，連續按SET CLS鍵，旋轉

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撥盤，可設置閃光頻道 [CH1]，共4個閃光頻道 [CH1-CH4]。從屬閃光頻道需進入從屬界面設置。如果主控閃光燈與從屬閃光燈頻道不同，從屬閃光燈將不會閃光，必須將兩者設置爲同一頻道。

3、主控閃光開/關設置

進入無線閃光主控模式後，連續按SET *CLS鍵進入主控閃光燈開/關設置處 [ ]，轉動撥盤選擇主控閃光打開 [ ] 或關閉 [ ]。
閃光開關打開，主控閃光燈參與曝光；
閃光開關關閉，主控閃光燈不參與曝光。

※從屬閃光模式時不可以設置閃光開關和關閉，閃光打開。
※當使用光傳輸功能時，主控閃光燈設置爲關閉時，根據光學脈衝傳輸原理，在低速同步主控閃光燈可能參與曝光。

4、從屬各組別閃光模式設置

進入無線閃光模式後，連續按SET*CLS鍵，進入組別設置處[ABC]，轉動撥盤，配合SET*CLS鍵，分別設置A、B、C各組別的閃光模式和閃光開關，按-/+鍵設置主控/從屬燈的輸出功率和曝光補償。

主控閃光模式設置

在無線主控模式下，按MODE鍵可直接設置主控閃光燈的閃光模式，TTL、M、RPT。
1、在無線模式下，如需更大的閃光輸出，可增加從屬各組別閃光燈數量，各組別的閃光燈數量無限制。
2、在無線RPT模式下，閃光頻率可設置1-100Hz，閃光功率1/8至1/128。

無線從屬模式設置

在無線從屬模式下，可設置閃光頻道、從屬組別、S1/S2模式。
從屬燈的閃光模式和輸出功率直接由主控燈控制，按MODE鍵，界面顯示MODE CLS 爲從屬模式。設置爲從屬模式時，閃光燈AF對焦輔助燈會3秒閃一次。

S1/S2模式

S1普通光傳輸模式：當閃光燈設置爲該模式時，它能與主控燈輸出的第一次閃光同步，主控閃光燈應設置爲手動M模式，而不能使用TTL或RPT模式引閃。
S2 TTL光傳輸模式：當閃光燈設置爲該模式時，它能與主控燈輸出的TTL模式閃光同步，主控閃光燈需設置爲TTL模式，而不能使用手動M模式或頻閃RPT模式。
在無線從屬模式（SL）下，按MODE鍵可設置S1、S2模式，按-/+鍵可設置S1/S2的輸出功率。

※S1/S2模式必須在光傳輸從屬模式設置，如果是無線電FSK2.4GHz時不能設置S1/S2模式。

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無線電閃光控制

　　X800N PRO閃光燈具有FSK2.4GHz無線電傳輸閃光功能，使用無線電傳輸閃光受環境影響較小，傳輸和控制效率較高。在使用時必須讓X800N閃光燈無線電頻率相匹配的產品，如選擇品色KING PRO引閃器配合使用，或X800N燈與燈之間（主控/從屬）都可以無線電傳輸閃光。

無線電閃光控制參數

傳輸方式：FSK2.4GHz
控制模式：主控/從屬
控制頻道：1–15個
控制組別：3個（A/B/C）
傳輸距離：約50米
閃光模式：TTL/M/RPT
同步模式：高速同步、前簾同步、後簾同步、防紅眼同步

無線電閃光控制操作介紹

第一次長按*CLS鍵進入無線閃光主控模式
第二次長按該鍵進入無線閃光從屬模式（SL）
第三次長按該鍵退出無線閃光模式
無線主控閃光模式可設置閃光頻道、主控閃光開關及從屬模式各組別閃光模式。

1、無線閃光模式選擇

進入無線閃光主控模式後，輕按SET *CLS鍵，旋轉撥盤，選擇無線閃光模式 [ ]。

2、無線閃光頻道設置

進入無線閃光主控模式後，輕按SET *CLS鍵，旋轉撥盤，可設置閃光頻道 [CH1]，共15個閃光頻道 [CH1-CH15]。從屬閃光頻道需進入從屬界面設置。如果主控閃光燈與從屬閃光燈頻道不同，從屬閃光燈將不會閃光，必須將兩者設置爲同一頻道。

3、主控閃光燈開/關設置

進入無線閃光主控模式後，連續按SET*CLS鍵進入主控閃光燈開/關設置處 [ ]，轉動撥盤選擇主控閃光打開 [ ] 或關閉 [ ]。
閃光開關打開，主控閃光燈參與曝光；
閃光開關關閉，主控閃光燈不參與曝光。

4、從屬燈各組別閃光模式設置

進入無線閃光模式後，連續按SET*CLS鍵，進入組別設置處[ABC]，轉動撥盤，配合SET*CLS鍵，分別設置A、B、C各組別的閃光模式和閃光開關，按-/+鍵設置主控/從屬燈的輸出功率和曝光補償。

主控閃光模式設置

在無線主控模式下，按MODE鍵可直接設置主控閃光燈的閃光模式，TTL、M、RPT。

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1、在無線模式下，如需更大的閃光輸出，可增加從屬各組別閃光燈數量，各組別的閃光燈數量無限制。
2、在無線RPT模式下，閃光頻率可設置1-100Hz，閃光功率1/8至1/128。

無線從屬模式設置

在無線從屬模式下，可設置閃光頻道、從屬組別 。從屬燈的閃光模式和輸出功率直接由主控燈控制。設置為從屬模式時，閃光燈AF對焦輔助燈會3秒閃一次。

故障報警提示

當閃光燈出現故障或過熱保護被激活，顯示屏會顯示以下信息：
馬達故障提示：
WARNING：MOTOR ERROR
馬達故障、電池、燈頭過熱提示：
WARNING：MOTOR ERROR BAT LAMP TEMPERATURE
馬達故障、燈頭過熱提示：
WARNING：MOTOR ERROR LAMP TEMPERATURE
燈頭過熱提示：
WARNING：LAMP TEMPERATURE
電池過熱提示：
WARNING：BATTER TEMPERATURE
未知錯誤提示：
WARNING：ERROR 90

※ 當閃光燈馬達、未知錯誤出現提示時，建議反復開關機嘗試以解除恢復，恢復後，提示信息會消失，可正常使用。如果無法自動恢復建議到經銷商維修避免事故。
※ 頻繁使用時，燈管、電池過熱保護會被激活，激活後顯示屏會出現提示信息，會限制閃光或停止閃光，這時請立即關閉閃光燈，冷卻後再使用，冷卻後過熱保護信息會消失，消失後可正常使用。

保修

壹年保修，從購買之日起，詳請請與工廠或經銷商聯系。

　　感謝您購買品色公司產品并閱讀本說明書，如有任何疑問可與當地經銷聯系或登陸 http://www.pixelhk.com.cn 。
　　本說明書中的信息重新於2017年06月13日，如果要與此日期之後發布的產品組合使用，有關信息請向品色經銷商咨詢。
制　造　商：深圳市品色科技有限公司
地　　　址：深圳市龍華新區龍華人民路美丽AAA大廈1411
電　　　話：400-8084899
執行標準：Q/PSKJ 004-2016

RoHS FC (10) ⚠ ♲ ⚡ CE ⚠

Pixel　　PSM151232 V10.02

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PIXEL

X800N PRO Speedlite

For Nikon

User Manual

Warning

●Do not expose this product in high temperature location or confined spaces exposed to strong direct sunlight and other overheating places.
●Keep it dry. Do not touch this product with wet hand. Do not expose this product to water or rain, or you may not be able to use it.
●Do not use it in inflammable gas, or it may cause explosion or fire.
●This product involved in battery. Please strictly follow the corresponding operations related to battery, or it may cause explosion or fire.
●Do not put the component in strong vibration, or it may cause fault of this product.
●Remove the batteries during long periods of non-use.
●Do not use the flash light in a short distance from the eyes, or it may cause possible injury to eyes or blindness.
●After continuous use, it will be very hot. Do not touch, or it may cause burn.
●After continuous use, the battery might be hot. Please be careful when changing new battery.
●Do not disassemble or maintain this product by yourself. The internal high voltage will cause electric shock.
●Only the same brand and battery type can be used.
●Make sure the batteries are installed correctly, or it may lead to leak, overheat or crack.

Specifications

GN:	60 (ISO100 200mm)
Flash coverage Range:	20 -200mm
Auto ZOOM:	According to shooting angle and image to auto adjust the coverage range
Manual ZOOM:	According to camera or flash setting to adjust the zoom range
Flash Mode:	i-TTL/M/RPT
Stroboscopic Flash:	1-500Hz
Wireless Flash:	FSK 2.4GHZ radio transmission/optical transmission, supports Master/Slave, S1/S2
SYNC Mode:	High Speed Sync, 1st Curtain Sync, 2nd Curtain Sync, Red-eye Reduction Sync
Illumination Mode:	Standard, Evenness, Center-weighted
Adjustable Angle:	Up/down:-7/90 degree Left/Right:180 degree/180 degree
Manual Flash:	1/128-1/1 output control (1/3rd increments)
Recycle Time:	Less than 2.5 sec (1/1 full power output)
LCD Display Screen:	High definition dot matrix screen
Internal Power Source:	4×AA size alkaline batteries or rechargeable batteries
External Interface:	Hot shoe, PC port, USB port, external power port
EV:	In 1/3rd increments (±3 stops)
Battery Life:	180 times(1/1 flash output, with Sanyo Eneloop batteries)
Flash Tube:	Ultra-long battery life design
Overheating Warning:	Multi dot matrix temperature control, battery and flash tube overheating warning
AF-Assist Beam:	29 point assist focus point
FV Lock:	Support
Firmware Upgrade:	Support
Dimension:	78.04mm×60.50mm×193.00mm
Weight:	408.7g (excluding batteries)

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Component Name

Bounce Angle Index
PUSH Reflect Lock Release Button
LCD Panel
ZOOM Button
FUNC Function Select Button
Power Switch:
<OFF> Power OFF
<ON> Power ON
<LOCK> Button
Confirm Setting Button
Dial Selector
Dust and Water-resistant Adapter

-/+Function Button
*CLS Wireless Flash Function Button
Flash Mode Button
Flash-ready Indicator
Flash Test Button
Wake-up Button

Mounting Foot Lock
Lock-release Switch

Reflector
Wide Panel
Flash Head

Battery Compartment Cover

Optical Transmission Sensor
External Power Source Socket

AF-assist Beam

Mounting Foot
Electronic Contacts
SYNC
USB Port

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Main Function Interface

Flash Mode:
TTL
M
RPT
TTLB

ZOOM Mode:
M zoom
A zoom

Focal Distance:
20mm – 200mm

Battery Info:

Flash EV:
±3.0EV

Flash Head Up/Down Icon:
UP:
Down:

Buzzer:

LCD Lighting Time:

Camera EV
FP HSS Icon

Stand-by Time:

Sync Mode:
1st Curtain Sync Icon is not displayed

AF-assist Beam ON/OFF:

Illumination Mode:

*CLS Function Icon
-/+Button Icon   ZOOM Icon   FUNC Function Icon

Output Power:
1/128–1/1

RPT Frequency

Function Setting Name

RPT Times

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Wireless Master Interface

Wireless Flash Mode:

Channel Control:

Master Flash ON/OFF:

Master Flash Mode

Master Group

Slave Flash Mode:
TTL
M
OFF

Slave Group:
A
B
C

Slave Interface

Slave Mode:
SL

Wireless Flash Mode:

Slave Group Mode:

Stand-by Time:

S1/S2 Output Power:
1/128–1/1

Slave Mode:
CLS
S1
S2

Introduction

PIXEL X800N PRO(PRO version) is a high-performance speedlite featuring powerful flash GN60, small and exquisite and accurate firing; it has a built-in FSK2.4GHz wireless flash control system. It's compatible with the Pixel King PRO/Nikon by direct control; the recycle time is less than 2.5sec in full power output. It's compatible with all of Nikon DSLR cameras; due to the energy-saving design, it can fire 180 times in full power output; X800N PRO has invented multi-dox matrix temperature control design which can ensure no overheating or malfunction; it enjoys exquisite external appearance, high definition dot matrix screen, concise function interface design, and easy and simple to handle; user can also upgrade firmware via USB port .

Button Function Introduction

Dial Selector

This dial selector is applied to adjust setting parameter of the flash. Turn left to reduce setting parameter, and turn right to increase setting parameter.

*CLS Function Button

Press and hold this button to enter wireless control mode. Press and hold this button to enter wireless flash Master mode; and then press and hold this button again to enter Slave mode; and press and hold this button once again to exit wireless flash mode.

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SET*CLS：under wireless mode. gently press this button to set wireless flash function. Hold and press again to enter next function. With*asterisk function button means press and hold this button to enter the corresponding function setting.

-/+ Setting Button

This function button is applied to adjust flash output power parameter.

ZOOM

This Zoom button is applied to set Zoom mode, divided into manual zoom[M zoom]and auto zoom[A zoom]. Set this function with dial selector.

※ Focal distance can set as 20-200mm. Some cameras do not support higher focal distance. The setting of focal distance is subject to camera. In a range of 20-200mm, it will be displayed correctly. But an error may occur if out of this range ,or the range doesn't conform to this flash.

FUNC Function Setting

The FUNC Function can set Buzzer, LCD Back Light Time, AF-assist beam, Stand-by Time and Illumination Mode function individually.
The sort order of the LCD function is : Buzzer[ ]→LCD Back-Light Time[ ]→AF-assist beam[ ]→Stand-byTime[ ]→Illumination Mode[ ].

Buzzer Setting

Gently press FUNC button to enter Buzzer setting and then turn dial selector. Select to Buzzer ON[ ]or OFF[ ], press OK button to confirm the setting.

LCD Illumination Time Setting

Continuously press FUNC button to enter LCD Illumination Time Setting[ ], and then turn dial selector to select LCD Illumination Time.
[ ] means on all the time;
[ ] means on for 5 sec;
[ ] means on for 10 sec;
[ ] means turn off the light.
Press OK to confirm the setting.

AF-assist Beam Setting

AF-assist beam is mainly applied to low-light or low contrast shooting environment. Under this condition, the built-in AF-assist beam activates automatically to help autofocus .
Continuously press FUNC button to enter AF-assist beam setting [ ]. Turn dial selector to select AF ON [ ] or AF OFF[ ], and then press OK to confirm the setting.

Stand-by Time Setting

Continuously press FUNC button to enter stand-by time setting. Turn dial selector to select stand-by time.
[ ] means 5mins stand-by time;
[ ] means 10mins stand-by time;
[ ] means 30mins stand-by time;
[ ] means 1hr stand-by time;
[ ] means 2hrs stand-by time;
[ ] means 4hrs stand-by time;
[ ] means non-sleep mode.
After selected, press OK button to confirm the setting.
Under Slave mode, you can set stand-by time as 1 hrs., 2 hrs., 4 hrs. and non-sleep mode.
When flash entered sleep mode, the flash display screen will show [ ] icon. Half-press camera shutter or press Flash Test Button to wake-up the flash.

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Illumination Mode Setting

Continuously press FUNC button to enter Illumination Mode Setting [ ] , the and then turn dial selector to select Illumination.
Mode:
Standard Illumination Mode[ ], the basic illumination mode for common flash photography environments; Evenness Illumination Mode [ ], the light falloff at the edge of the image is less than with the standard illumination mode;Center-weighted Illumination Mode [ ], the center-weighted mode provides larger guide numbers at the center of the image than the standard illumination mode.

※ Evenness Illumination Mode is suitable for group photographs, in which sufficient light is required without light falloff at the edges.
※ Center-weighted Illumination Mode is suitable for portraits, in which the light falloff at the edge of an image can be ignored.

LOCK

It's applied to lock the parameter settings of the flash, avoiding the flash parameter may be changed accidently.

MODE

Flash mode button. It's applied to set the flash mode. You can set the flash mode to i-TTL full auto flash, Manual flash and RPT flash mode individually.
Press and hold this button to reset your flash to the original factory settings.

TTL

TTL is Nikon standard i-TTL mode. Under this mode, the flash output level is adjusted regardless of background brightness, making the main shooting subject get correct exposure. Under TTL mode, the EV (Exposure Compensation Value) can be set in 1/3 EV steps from −3.0 EV to +3.0 EV.

TTLB

TTLB is Nikon i-TTL balanced fill-flash. Under this mode, the flash output level is adjusted, making the main shooting subject and background get balanced exposure.Under TTLB mode, the EV (Exposure Compensation Value) can be set in 1/3 EV steps from −3.0 EV to +3.0 EV.

RPT

RPT Flash Mode. RPT flash mode can make one image displays as a serial continuous moving image. Under RPT flash mode, you can set flash output power, flash times and flash frequency.
1.The number of flash firing is the number of times the flash fires per frame.
2.The frequency of flash firing is the number of times the flash fires per second.
3.Set cameras shutter speed when using RPT mode. Calculate the shutter speed by using following formula, and then set camera shutter speed less than that of calculated by the formula.
Shutter speed= the number of flash firing/ the frequency of flash firing.
For example, if the number of flash firing is 10(times), the frequency of flash firing is 5(Hz). Then set the shutter speed over 2 second. You may also set Bulb mode.

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※ Since low shutter speed is used under RPT mode, use of a tripod is recommended to prevent camera/ speedlite from shaking.
※ Under RPT mode, flash output level can be set between M 1/8 to M 1/128.

M

Manual Flash Mode. You can set the flash output from 1/128 power to 1/1 full output in 1/3 increments.
Set flash output power with dial selector. Turn left to reduce setting parameter, and turn right to increase setting parameter,

USB Port

It's applied to upgrade the firmware. You can download the newest firmware from PIXEL website www.pixelhk.com.

PC Port

It's applied to connect camera with SYNC cable or trigger flash.

PUSH Reflect Lock Release Button

By pressing this button, the flash head can be adjusted to up/down and left/right. Up/down ward angle-7 to 90 degree, left/right angle 180 degree.

Reflector

Using the reflector enables you to reflect light in a person's eyes and create a more vivid expression.
When using, pull out the reflector and wide panel together, and push back the wide panel. Then you may use the reflector.

Wide Panel

Using wide panel, flash coverage range will enlarge.
When using, pull out the reflector with wide panel together and push back reflector. then you may use the wide panel.

Wireless Flash Control

X800N PRO supports optical transmission and radio transmission flash control function.
[ ] Optical transmission mode;
[ ] FSK 2.4GHz radio transmission mode.

Wireless Flash Control(Optical Transmission)

The X800N PRO speedlite supports optical transmission flash control function. The speedlite mounted on the camera can transmit signal via optical pulse to control firing remotely. When using wireless flash mode, the speedlite mounted on the camera should set as Master mode, and the off-camera flash set as Slave mode. Optical transmission flash is achieved by optical pulse, not wireless radio signal transmission, so the transmission distance is very short. Please note the following issues when using:

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1. Make sure the slave unit within effective control range when using optical transmission flash mode;
2. The receiving signal sensor of slave unit should face to master unit;
3. You are required to use flashes that are equipped with an optical transmission shooting function;
4. Please do not place any obstacles between the master unit and salve unit when using optical transmission flash mode, or it may affect optical signal transmission;
5. Under wireless flash mode, RPT firing only supports Red-eye Reduction and 1st curtain sync function.

Optical Transmission Flash Function Parameter

Transmission Method: Optical pulse
Mode Control: Master/Slave, S1/S2
Channel Control: 1-4 channels
Group Control: 3 groups(A/B/C)
Transmission Distance: about 0.7-10m
Flash Ratio Control: 8:1-1:1-1:8
Sync Mode: HSS,1st curtain sync, 2nd curtain sync, Red-eye Reduction sync
Flash Mode：TTL/M/RPT

Optical Transmission Flash Control Operation Introduction

Hold and press*CLS button to enter wireless flash Master mode
Hold and press this button again to enter wireless Slave mode(SL)
Hold and press this button once again to exit wireless flash mode
Under wireless Master flash mode, you can set flash channel, Master flash ON/OFF and flash mode for every group of Slave units.

1. Wireless Flash Mode Select

After entered wireless flash Master mode, gently press SET*CLS button and then turn dial selector to select optical transmission mode [ ].

2. Wireless Flash Channel Setting

After entered wireless flash Master mode, continuously press SET*CLS button and then turn the dial selector to set flash channel [CH1]. In total, 4 flash channels [CH1-CH4] for options. Slave flash channel need to set in the Slave interface. If the transmission channels of the Master unit and Slave unit are different, then the slave unit won't fire. Master and Slave unit must be set to the same channel.

3. Master Flash ON/OFF Setting

After entered wireless Master flash mode, continuously press SET*CLS button to enter Master Flash ON/OFF [ ] , then turn dial selector to select Master Flash ON [ ] or OFF [ ] When flash is ON, Master flash will join in exposure. When flash is OFF, Master flash will not join in exposure.

※ Under Slave mode, it's not available to set flash ON/OFF. Here It's ON by default.
※ When using optical transmission function and the Master flash set as OFF, the Master flash may join in exposure under low sync speed according to optical pulse transmission theory.

4. Flash Mode Setting for Every Group of Slave Units

After entered wireless flash mode, continuously press SET*CLS button, and then move setting icon to Group Setting [ABC], then turn the dial selector. Use with SET*CLS button to set the flash mode and flash ON/OFF for every group individually. Press -/+ button to set the output power and exposure compensation of Master/Slave units.

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Wireless Flash Mode Setting

Under wireless Master mode, press MODE button to set the flash mode of Master unit as TTL, M and RPT directly.
1.Under wireless mode, if need more flash output, you can invite the numbers of the salve unit which is unlimited.
2.Under wireless flash RPT mode, the flash frequency can be set as 1-100Hz, and the flash power as 1/8 to 1/128.

Wireless Slave Mode Setting

Under wireless slave mode, you can set flash channel, Slave group, and S1/S2 mode.
The flash mode and output power of Slave unit is controlled by Master unit directly. Press MODE button, the interface will display MODE CLS as Slave mode. Under Slave mode, the AF-assist beam will blink every 3 second.

S1/S2 Mode

S1 Manual Optical Control Mode: when set flash as this mode, it can work with the first firing of the Master flash synchronously. Set Master flash as manual M mode. Here TTL or RPT mode.
S2 TTL Optical Control Mode: when set flash as this mode, it can work the TTL mode of the Master flash synchronously. Set Master flash as TTL mode. The M or RPT mode cannot be fired.
Under wireless Slave (SL) mode, press MODE button to set S1/S2 mode. Press -/+ button to set the output power of S1/S2.

※ S1/S2 mode must be set under optical transmission Slave mode. If under radio FSK 2.4GHz mode, then you can't set S1/S2 mode.

Radio Flash Control

X800N PRO speedlite is equipped with FSK 2.4GHz radio transmission wireless flash shooting function. With radio transmission, flash firing is less affected by obstacles, so its transmission and control efficiency are much higher. When using with PIXEL King PRO/Nikon together, or among X800N PRO speedlites (Master/Slave), you can use wireless radio transmission flash.
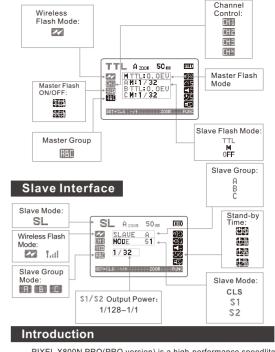
Radio Transmission Flash Function Parameter

Transmission Method: FSK2.4GHz
Mode Control: Master/Slave
Channel Control: 1-15 channels
Group Control: 3 groups (A/B/C)
Transmission Distance: about 50M
Flash Mode: TTL/M/RPT
Sync Mode: HSS, 1st curtain sync,
2nd curtain sync and Red-eye Reduction Sync

Radio Flash Control Operation Introduction

Hold and press*CLS button to enter wireless flash Master mode
Hold and press this button again to enter wireless Slave mode(SL)
Hold and press this button once again to exit wireless flash mode
Under wireless Master flash mode, you can set flash channel, Master flash ON/OFF and flash mode for every group of Slave units.

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1. Wireless Flash Mode Select

After entered wireless flash Master mode, gently press SET*CLS button and then turn the dial selector to select radio flash mode [ ].

2. Flash Flash Channel Setting

After entered wireless flash Master mode, gently press SET*CLS button and then turn the dial selector to set flash channel [CH1], 15 flash channles [CH1-CH15] for options in total. Slave flash channel need to set in the Slave interface. If the transmission channels of the Master unit and Slave unit are different, then the slave unit won't fire. Both Master and slave must be set to the same channel.

3. Master Flash ON/OFF Setting

After entered wireless flash Master mode, continuously press SET*CLS button, and then move setting icon to Master Flash ON/OFF [ ], then turn dial selector to select Master Flash ON [ ] or OFF [ ].
When flash is ON, Master flash will join in exposure.
When flash is OFF, Master flash will not join in exposure.

4. Flash Mode Setting for Every Group of Slave Units

After entered wireless flash mode, continuously press SET*CLS button, and then move setting icon to Group Setting [ABC], then turn the dial selector. Use with SET*CLS button to set the flash mode and flash ON/OFF for every group individually. Press -/+ button to set the output power and exposure compensation of Master/Slave units.

Master Flash Mode Setting

Under wireless Master mode, press MODE button to set Master unit flash mode as TTL, M or RPT.
1. Under wireless mode, if need more flash output, you can invite the numbers of the Slave units which is unlimited.
2. Under wireless flash RPT mode, the flash frequency can set as 1100Hz, and flash power as 1/8-1-128.

Wireless Slave Mode Setting

Under wireless Slave [SL] mode, you can set flash channel and Slave groups. The flash mode and output power of Slave units can be controlled directly by Master unit. If set as Slave mode, the flash AF- assist beam will blink for every 3 sec.

Error Warinig Prompt

When an error occurs on the flash or overheating protection is activated, the following information is display on the screen:

Motor Error Prompt:
WARNING: MOTOR ERROR

Motor Error, Battery and Flash Head Overheating Prompt:
WARNING: MOTOR ERROR BAT LAMP TEMPERATURE

Motor Error, Flash Head Overheating Prompt:
WARNING: MOTOR ERROR LAMP TEMPERATURE

Flash Head Overheating Prompt:
WARNING: LAMP TEMPERATURE

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Battery Overheating Prompt:
WARNING: BATTER TEMPERATURE

Unknown Error Prompt:
WARNING: ERROR 90

※ When a prompt occurs on flash motor and unknown error, you are advised to switch on-off the flash repeatedly to make it self-recovery. After recovery, the prompt info will disappear, and you can reuse it. If not, you are advised to contact the dealer for repair.
※ When you use the flash continually, flash head and battery overheating protection will be activated, then the LCD display screen will shows error prompt and restrict flash firing. Now please turn off the flash and allow a rest time for reuse. Then the prompt info will disappear, and you can reuse it.

Warranty

One year warranty from the day of purchase. Please kindly contact PIXEL or distributor for more details.

Thank you for using PIXEL product and read this instruction manual. If you have any questions, please contact your local dealer or visit http://www.pixelhk.com

The instruction manual is updated on June. 13,2017 For information on the compatibility with accessories marketed after this date, please contact PIXEL's dealer for advice.

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