



MSN^{PRO}

高速影室闪光灯
HIGH-SPEED SYNC
STUDIO FLASH



MSN 400^{PRO}
1.01.021716

MSN 600^{PRO}
1.01.021717

MSN 800^{PRO}
1.01.021718

MSN 1200^{PRO}
1.01.021719



快速使用指南
QUICK GUIDES





- | | |
|---|--|
| 1) 玻璃保护罩(Glass protector) | 2) 插伞孔(Umbrella hole) |
| 3) 闪光管(Flash tube) | 4) LED造型灯(modelling lamp) |
| 5) 附件释放按钮
(Accessory release button) | 6) GR组别指示灯(Group indicator) |
| 7) 伞柄锁紧钮(Umbrella handle lock) | 8) 灯架锁紧旋钮(Light stand lock knob) |
| 9) 无线/光敏按键(Wireless/CELL button) | 10) 闪光模式按键(Flash mode button) |
| 11) 闪光测试按键(Flash test button) | 12) 电源开关(Power switch) |
| 13) 电源插座(Power socket) | 14) 频闪模式按键(Multi mode button) |
| 15) 光敏接收器(CELL receiver) | 16) 功能菜单按键(Function menu button) |
| 17) 多功能旋钮
(Multifunction knob) | 18) 造型灯/蜂鸣按钮
(Modelling lamp / Buzz button) |
| 19) 闪光同步插孔(SYNC slot) | 20) 灯头锁紧手柄
(Lamp head lock handle) |



无线接收信号(Wireless receiver signal)

短按“9”无线按键，无线图标闪烁，调节“17”多功能旋钮，设置无线接收信号源，短按“17”多功能旋钮确认，无线图标停止闪烁。

Short press the "9" button, and adjust the "17" button to set the wireless receiver signal source. Press the "17" button to confirm, and the wireless icon stops flashing.

无线图标对应引闪器(Wireless signal corresponding to trigger)

- | | | | |
|----------|----------|----------|----------|
| 7 TR-Q7 | 7 TR-Q6C | 7 TR-Q6N | 5 TR-Q6S |
| F TR-Q6F | 6 TR-V6 | 0 TRS-V | |



GRE 组别设置(Group setting)

短按2次“9”无线按键, 切换到GR组别图标闪烁, 调节“17”多功能旋钮设置组别, 短按“17”多功能旋钮确认, GR组别图标停止闪烁。

Press "9" wireless button twice to set GR, group icon flashing and adjust "17" knob to set group, press "17" multi-function knob to confirm, GR group icon stops flashing.

GR: A/B/C/D/E/F/G/H/I/J/L/O/P/Q/S/U

CH28 频道设置(channel setting) CH: 00~31

短按3次“9”无线按键, 切换到CH频道图标闪烁, 调节“17”多功能旋钮设置频道, 短按“17”多功能旋钮确认, CH频道图标停止闪烁。

Press "9" wireless button three times to switch to CH channel, and adjust "17" knob to set channel. Press "17" multi-function knob to confirm, CH channel icon stops flashing.

造型灯设置(Modeling lamp setting)

短按“18”造型灯按键, 切换造型灯模式“关闭/比例模式/全光模式/自定义模式”。造型灯自定义模式下, 短按1次“18”造型灯按键图标闪烁, 调节“17”多功能旋钮, 设置造型灯亮度, 短按“17”多功能旋钮确认。

Short press the "18" modeling lamp button to switch the "off / proportion mode / 100% mode / individual" mode. Under the individual modeling lamp mode, long press the "18" modeling lamp button icon until the icon flash, adjust the "17" multi-function knob, set the brightness of the modeling lamp, and press the "17" multi-function knob to confirm.

9.0 功率数值显示——小数
(Power value display - decimal)

1/256+0.0 功率数值显示——分数
(Power value display - fraction)

功率调节(Power regulation)

调节“17”多功能旋钮设置闪光灯输出功率, 1.0(1/256)为最小功率, 9.0(1/1)为全功率输出。短按“17”旋钮, “.”数值点闪烁(小数)或分子“1/”图标(分数)闪烁, 调节整档输出功率数值。

切换功率数值小数/分数显示(Switching power value decimal / fractional display)
短按3次“16”菜单按键, 切换到“FN3”, 调节“17”多功能旋钮, 设置“ON/OFF”, 按TEST键退出。

“ON”——分数显示 / “OF”——小数显示

Adjust the "17" knob to set the flash power, 1.0 (1 / 256) is the minimum power, and 9.0 (1 / 1) is the full power output.

Press the "17" knob briefly, the "." value point flashes (decimal) or the "1 /" icon (fraction) flashes to adjust the output power value of the whole gear.

Press the "16" menu key three times to switch to "FN3", adjust the "17" multifunction knob, set "on / of", and press the test key to exit.

"On" - fraction display / "OF" - decimal display

延迟闪光(Delay) Delay **2888**

短按2次“16”菜单按键, 切换到“FN2”, 延迟闪光设置界面, 调节“17”多功能旋钮, 设置延迟闪光时间, 短按“17”多功能旋钮, 切换时间单位。延迟闪光设置时间: 0.00~30秒。

Short press the "16" menu button twice to switch to "FN2", delay the flash setting interface, adjust the "17" multi-function knob, set the delay flash time, short press the "17" multi-function knob, switch the time unit.

Delay the flash setting time: 0.00 ~ 30 seconds.

定格模式(Freeze) **FRE 1/56000**

短按1次“10”闪光模式按键, 打开定格模式, 在相机标准闪光同步速度下(佳能1/250s 尼康1/320s/索尼1/250s), 通过高闪光持续时间凝固瞬间。

Short press the "10" mode button once to turn on the freeze frame mode. At the standard flash synchronous speed of the camera (Canon 1 / 250s / Nikon 1 / 320s Sony 1 / 250s), it solidifies instantaneously through high flash duration.

输出功率与闪光持续时间对应表(Corresponding table of output power & flash duration)

9.0(1/1):1/900s	8.0(1/2):1/1000s	7.0(1/4):1/2000s
6.0(1/8):1/4200s	5.0(1/16):1/8300s	4.0(1/32):1/12000s
3.0(1/64):1/20000s	2.0(1/128):1/42000s	1.0(1/256):1/56000s

频闪模式(Multi) Multi **20-08Hz**

长按约2s“14”频闪模式按键, 进入频闪模式设置界面, 短按1次“14”频闪模式按键, 频闪次数图标闪烁“Multi **20**”, 调节“17”多功能旋钮, 设置频闪次数: 01~99次; 短按2次“14”频闪模式按键, 闪光频率图标闪烁“**08Hz**”, 调节“17”多功能旋钮, 设置每秒闪光频率: 01~30Hz。

频闪闪光: 闪光灯按预先设定的输出功率、闪光次数、每秒闪光频率(每秒闪光次数以Hz表示)闪光。使用频闪闪光模式可以按预先设置连续闪光, 在一张照片上拍摄物体移动的多个图像。在频闪拍摄过程中直至闪光结束, 快门应保持开启状态。

Press and hold the "14" Multi mode button for about 2s to enter the Multi mode. Once turning on, short press the "14" Multi mode button for setting the flash times. The icon "Multi 20" flashes, and turn the "17" multi-function knob to adjust the flash times. Press "14" Multi mode button twice and adjust the "17" multi-functional knob to set the flash rate per second: 01 ~ 30Hz. According to output power, flash times and flash rate per second will be changed. The multi mode allows you to take multiple images of an object's movement on a single photo by flashing continuously according to the setting. During the multi flash process, the camera shutter should remain open until the end of the flash.

Multi 20-08Hz

① ②

① 闪光次数 (Flash times)

② 每秒闪光频率 (Flash rate per second)

频闪模式计算公式: 闪光次数 / 每秒闪光频率 = 快门速度

Calculation formula of Multi flash mode:

Flash times / second flash rate = shutter speed

例如: 闪光次数设定“10”次, 每秒闪光频率设定“5Hz”, 快门速度则至少设置为2秒以上。

For example, the flash frequency is set to "10", the flash rate per second is set to "5Hz", and the shutter speed is set to at least 2 seconds.


蒙版模式(EasyCap) 06-6

短按1次“16”菜单按键, 切换到“FN1”, 蒙版设置界面, 长按“17”多功能旋钮, 打开蒙版功能, 调节“17”多功能旋钮, 设置蒙版模式闪光灯位总数, 短按“17”多功能旋钮, 设置第几次闪光。

比如“6-2”, 表示拍摄蒙版模式的闪光灯位共有6组, 当前闪灯在第2次触发时闪光。

Short press the "16" menu button once to switch to "FN1", mask setting interface, long press "17" multi-function knob to turn on masking function, adjust "17" multi-function knob, set the total number of flashing light bits in mask mode, and short press "17" multi-function knob to set the flash number.

For example, "6-2" means that there are 6 groups of flash light positions in mask mode, and the current flash light will flash at the second trigger.

高速闪光同步模式(High speed sync mode)  1/8000s


短按2次“10”闪光模式按键, 打开高速闪光同步模式, 支持相机快门速度1/8000s闪光同步。


高速闪光同步模式下, 闪光灯功率调节范围4.0(1/32)~9.0 (1/1)

短按3次“10”闪光模式按键, 关闭高速闪光同步模式, 高速同步图标消失, 闪光灯进入标准闪光模式状态, 标准闪光模式下, 色温为恒定色温, 色温值: 5500K±100K。

相同输出功率连续2次闪光的色温值范围: ± < 30K。

Short press the "10" flash mode button twice to turn on the high-speed Sync mode
 Support the camera shutter speed up to 1 / 8000s
 Under high-speed Sync mode, the flash power adjustment range is 4.0 (1 / 32)~9.0 (1 / 1).
 Press the "10" flash mode button three times to turn off the high-speed Sync mode
 The high-speed sync icon disappears and the flash enters the normal mode.
 In the normal flash mode, the color temperature is color temperature value is 5500k \pm 100k.
 The color temperature range of two consecutive flashes with the same output power: \pm < 30K.

 **光敏感应(CELL):** 长按约2秒"9"按键, 打开/关闭光敏感应功能。(Press the "9" wireless key for about 2 seconds to turn on / off the infra-red function.)

 **蜂鸣(Beep):** 长按约2秒"18"按键, 打开/关闭蜂鸣提示音功能。(Press the "18" wireless key for about 2 seconds to turn on / off the beep function.)

菜单界面 (Menu interface) 短按进入菜单, 长按返回主界面。(Short press to enter the menu, long press to return to the main interface.)

F n 1 延迟闪光界面
Delay interface

F n 2 蒙版功能界面
EasyCap interface

F n 3 功率显示分数/小数切换
Fraction / decimal

F n 4 休眠时间: 30/60分钟
Sleep: 30/60 minutes


F n 5 背光亮度调节: 1/2/3档
Backlight: 1/2/3 gear

F n 6 显示本机固件版本号
Version number

隐藏代码显示含义 (Hidden code display meaning)

OH 90 OH和功率数值交替闪烁: 表示闪光灯连续工作使电容达到较高温度, 为保护电容延长闪光灯使用寿命进入过热保护程序, 此时闪光灯回电速度变慢, 回电时间延长约1倍时间。
 OH and power value flash alternately: it means that the flash has reached a certain temperature internally. In order to protect the capacitor and extend the service life of the flash lamp, the overheating protection program is started.
 At this time, the recycling time of the flash lamp is extended.

OH 显示OH图标: 表示闪光灯连续工作使电容温度达到极限, 闪光灯过热保护, 自动停止工作, 等待约5~15分钟, 电容温度降低后自动恢复, OH图标消失。
 OH continuously display: it means that the flash lamp reached the temperature limitation. The flash lamp stops working. Wait for 5-15 minutes for cooling down.
 The capacitor will automatically recover after cooling down, and the oh icon will disappear.

 **H** 造型灯图标和H显示: 表示造型灯过热保护, 造型灯自动关闭, 降温后自动恢复, 过热图标消失。
 Modeling lamp and H icon display: it means that the modeling lamp is overheated, the modeling lamp is automatically turned off, it will recover automatically after cooling down.
 The overheat icon will disappear.

OF OF图标显示: 闪光次数保护; 闪光灯功率在8.0以上, 连续闪光1000次会出现次数保护, 闪光灯停止工作, 等待约5~15分钟电容降温后自动恢复, OF图标消失。需要紧急拍摄时, 可关机重启, 闪光灯可暂时拍摄一段时间直至过热保护。
 OF icon: Flash times protection; power above 8.0, continuous flash 1000 times, the number of times protection, stop working, wait for about 5 ~ 15 minutes, capacitor cooling and recover automatically, the OF icon disappears. In case of emergency shooting, power off and restart, and the flash can shoot temporarily until overheating protection restart.

E1 E2 E3 E4 屏幕出现 "E1/E2/E3/E4" 图标时, 表示灯体内部自检系统发现故障需返厂检修。
 "E1 / E2 / E3 / E4" icon indicates the error the self-test system. The unit needs to repair for the fault.

规格参数 Parameters

型号 Type	MSN-400pro	MSN-600pro	MSN-800pro	MSN-1200pro
编码 Code	1.01.021716	1.01.021717	1.01.021718	1.01.021719
功率 Power / 指数 GN	400Ws/GN66	600Ws/GN80	800Ws/GN90	1200Ws/GN110
回电时间 Recycling Time	0.05~0.8s	0.05~0.8s	0.05~0.8s	0.05~0.9s
色温 Color Temperature	标准(Nor):5500K±100K/高速同步(HSS):5500K±300K/定格(Fre):5400~9500K			
功率调节 Flash Power Variation	M手动: 1.0~9.0(1/256~1/1) / HSS高速同步:4.0~9.0(1/32~1/1)			
闪光模式 Flash Mode	标准Normal / 定格Freeze / 高速同步HSS / 前后帘同步Front/Rear Curtain SYNC			
闪光持续时间 Flash Duration(t=0.5)	标准模式(Nor): 1/900~1/8500s / 定格模式(Fre): 1/900~1/56000s			
造型灯规格 Modeling Lamp Specification	30W LED (色温 Color temperature : 4100K±200K)			
造型灯模式 Modeling Lamp Mode	比例模式 / 全光 / 自定义(Proportion / 100% / Independent)			
金贝2.4GHz无线系统 JINBEI Wireless System	选配TR-Q7/TR-Q6高速引闪器 Compatible with JINBEI TR-Q7/TR-Q6 HSS Transmitter			
遥控距离Range>100m	兼容compatible with Canon/Nikon/Sony/Fuji/Panasonic/Olympus			
频道CH / 组别GR	32个频道CH: 00~31 / 16个组别 GR: A / B / C / D / E / F / G / H / I / J / L / O / P / Q / S / U			
光敏感应 Cell / 蜂鸣提示音 Beep / 蒙版模式 EasyCap	支持 Support			
频闪模式 Multi	闪光次数(Flash number): 01~99次, 每秒闪光频率(Flash rate per second): 0.00~30s			
休眠时间设定 Sleep time setting	30分钟(min) / 60分钟(min)			
同步插孔 Sync Socket / 同步电压 Sync Voltage	3.5mm / DC 5V			
电源 Operating	AC 195~245V 50/60Hz 20A 保险丝(Fuse)			
尺寸 Dimensions(mm)	MSN-400pro: 380(L)x145(W)x225(H)		MSN-600pro: 415(L)x145(W)x225(H)	
	MSN-800pro: 425(L)x145(W)x225(H)		MSN-1200pro: 475(L)x145(W)x225(H)	
重量 Weight	3.1Kg	3.4Kg	3.7Kg	4.5Kg

金贝产品不断开发更新, 如有功能、技术参数变化, 恕不另行通知。
We reserve the right to update functions or parameters without further notice.

装箱清单 Pack List



MSN PRO高速影室闪光灯
HSS sync studio flash



玻璃保护罩
Glass cover



灯头保护罩
Protection cover



电源线
AC power cable



说明书
User's guide



上海金贝摄影器材实业有限公司
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