

Nissin

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Design and specification are subject
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Compatible!

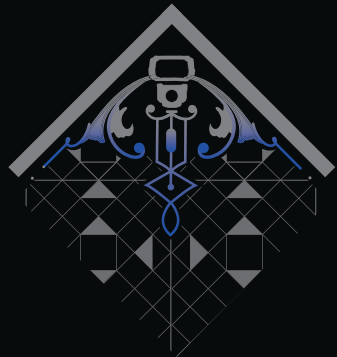
Nissin Air System



ARCLIGHTIST GUIDE

Nissin
DIGITAL

Nissin
DIGITAL



Our story begin

since **1959**

*Nissin founded in 1959. For 61st years,
as a well-known Japanese flash manufacturer, in the world.*

This is more than a product catalogue. Enjoy!

Intro.

Indications and purpose of this catalogue.

Indications

Colour indexes help you get information faster.

Version availability



Canon



Nikon



Sony



Fujifilm



Four Third

UNIVERSAL

No specify

Wireless system base



Compatible!
Nissin Air System

Purpose

Catalogue shows deeper story behind Nissin flashes.

- ✓ Current products availability
- ✓ Full specification comparison
- ✓ Products application

Collection



NAS supports
Non- NAS supports
Accessory



MG80 Pro



MG10



MG8



i60A



i40



i400



i600



MF18



Air 10s



Air 1



Air R



PS8



LS-65C



LS-55C



LS-20C



LS-20CS



RH-100C



Ball Head



Light Shaping Kit



Umbrella (Translucent / White)



Mini Umbrella (Translucent / White)



Reflector



1

What is NAS?



Compatible!
Nissin Air System



What is NAS?

It stands for Nissin Air System

It is 2.4GHz radio transmission, less susceptible to angle and obstacle limitations with coverage up to 100M (328 ft). Transmission channels and radio IDs can be set to prevent misfiring of signal interference on the same channel.



Pair and control, only a few touches

All settings can be controlled from the Commander and also be displayed on NAS built-in flashes.



High-speed sync (HSS) supports

Supports up to 1/8000s shutter speed.
(subject to supported models)



Flexible combination

Nissin Commander can be mixed to control all versions of Nissin MG80 Pro, MG10, MG8, Di700A & i60A for wireless TTL or manual flashes.

02.



What is "MG"?
Advantages of MG.



Machine Gun

The performance of Nissin MG series works as well as the machine gun. It is a new developed product line not only for professional and amateur, but also beginners. Remain simple operating procedure, it is more durable because of the quartz flash tube built-in.



High heat resistant

As a new developed series, MG family is continuous working without overheat.



300,000 flash life

Comparing to previous Nissin models, quartz flash tube is more durable than glass.



Smart Battery System

Unique patented system which supports MG series flash to use different types of batteries such as Li-ion battery (14500 / 26650), NIMH(AA rechargeable) and alkaline AA battery.



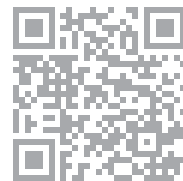
MG Series



Compatible!
Nissan Air System

MG Series

MG80 Pro / MG10 / MG8



Compatible!
Nissin Air System

Quartz



MG80 Pro

POWER OF INTEGRATION



Thermal consistent

keeps the flash continuous working without overheat



Command and slave

all included in one flash

**1.2
secs**

Fast recycling time (@1/1)

by using 4 x 14500 Li-ions batteries

C

N

S

- Support NAS system with Air10s & Air 1 commander¹
- Support both Li-ion batteries(14500), NiMH AA rechargeable and Alkaline AA
- 8W LED modelling light
- New Micro SD card slot for firmware update
- Multi-mode included On-camera(On), commander(CO) and slave(SL) for flexible usage
- High-speed synchronization²

¹ Partially support for Air 1 commander.

² The maximum synchronization speed depends upon the camera model.

3

MG Series
MG80 Pro

TIPA
AWARDS 2020

08.



Quartz



MG10

WALKING STUDIO



80GN(@200mm)
165w/s in studio application



Supports 26650 Li-ion battery
and NiMH AA rechargeable battery



Shutter release button
as camera shutter when using NAS shooting

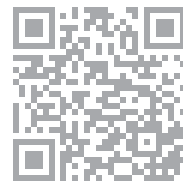
- Support NAS system with Air10s & Air 1 commander¹
- Recycling time (full power with PS 8):
1.5 seconds with 2 x 26650 Li-ion batteries (4000mAh or higher)
- Patented design on magnetically contacted zoom head
- 9W LED modelling light without zoom head
- New Micro SD card slot for firmware update
- Support Open mode
- Can be used both left / right side with height level adjustment
- High-speed synchronization²
- External Power Pack Socket³

¹ Partially supports for Air 1 commander.

² The maximum synchronization speed depends upon the camera model.

³ Use the Sony's external power pack socket.





MG10

ACCESSORIES KIT

Standard Accessories



Battery Magazine
26650 / AA size



Magnesium
Bracket



Ball Head



Diffuser
Colour Gel & Holder



Firmly mount on camera
for left or right, up or down direction



Fit with Nissin light stand
such as LS-65C & LS-55C



On-camera





MG 8

THOUSAND CONTINUOUS FLASHING



Compatible!
Nissin Air System

Quartz

1000⚡

Thousand flashes
continuous with 2 x 26650 Li-ion battery



60GN, 83w/s
ISO 100 @105mm



9W LED modelling
without magnetically contacted zoom head

- Support NAS system with Air10s & Air 1 commander¹
- Recycling time (full power with PS 8):
1 second with 2 x 26650 Li-ion batteries (4000mAh or higher)
- 9W LED modelling light without zoom head
- New Micro SD card slot for firmware update
- Can be used both left / right side with height level adjustment
- High-speed synchronization²
- External Power Pack Socket³



¹ Partially supports for Air 1 commander.

² The maximum synchronization speed depends upon the camera model.

³ Use the Sony's external power pack socket.

UNIVERSAL

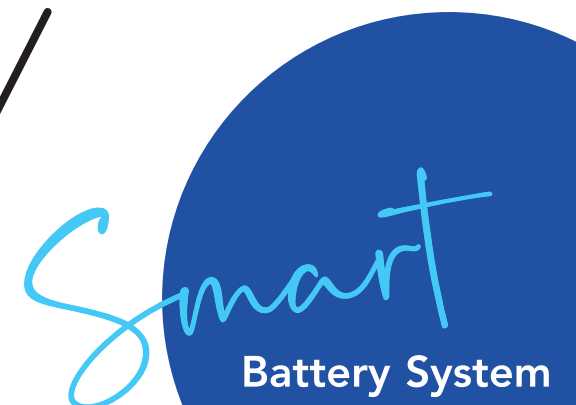
MG vs MG

	MG10	MG 8	MG80 Pro
Flash tube(s)	 x 2		
Power(GN, w/s)	80GN,165w/s	60GN,83w/s	60GN,83w/s
Flash consistency* ¹ (1/1 Manual @ 3sec.)	200 times	200 times	200 times
No. of flash(Li-ions)	500 times	1000 times	360 times
Recycling time	2.8secs/	1.6secs/	1.2secs
	1.5secs(PS8)	1.0sec(PS8)	

Smart Battery System (SBS)



*1 Without zoom head. Contents are subject to change without further notice.

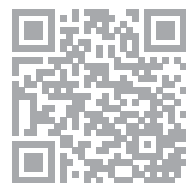




Portable flash

Portable flash

i400 / i600 / i40 / i60A



i400

THE SIMPLEST DICE



40GN (ISO 100 @105mm)
enough power for fill lighting



Pocket size
203g (7.16 oz.) only

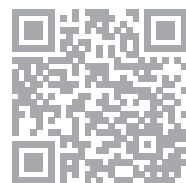
TTL/M

Supports TTL / M
easy control with dual dials

- Focal length range coverage of 24-105mm
- Built-in diffuser that gives a 16mm lens coverage
- Built-in AF assist light
- Quick-release button for hotshoe sliding protection
- High-speed synchronization¹
- Four size-AA batteries

¹ The maximum synchronization speed depends upon the camera model.





i600

ENTRY TO PROFESSIONAL



Supports optical wireless
for trying further usage of flashing



60GN (ISO 100 @105mm)
powerful source for creation



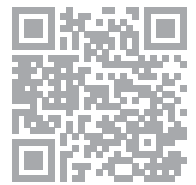
Simple control panel
with few turns by one finger

- Focal length range coverage of 24-200mm
- Built-in diffuser that gives a 16mm lens coverage
- Built-in AF assist light
- Quick-release button for hotshoe sliding protection
- High-speed synchronization¹
- Traditional (optical) wireless TTL mode²
- Four size-AA batteries

¹ The maximum synchronization speed depends upon the camera model.

² Optical wireless not available on Fujifilm version





i40

THE WORLD'S SMALLEST



The lightest weight
and the smallest size



40GN (ISO 100 @105mm)
203g (7.16 oz.) only



Video lights
with 9 steps adjustment

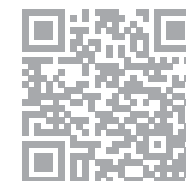
- Wireless supports when matching with Air R²
- Soft Box included in the package
- Focal length range coverage of 24-105mm
- Built-in diffuser that gives a 16mm lens coverage
- Built-in AF assist light
- Quick-release button for hotshoe sliding protection
- High-speed synchronization¹
- Traditional (optical) wireless TTL mode³
- Four size-AA batteries

¹ The maximum synchronization speed depends upon the camera model.

² Air R is a separated purchasing item.

³ Optical wireless not available on Fujifilm version





i60A

POWERFUL COMPACT



Built-in NAS 2.4Ghz
as a wireless receiver



60GN (ISO 100 @200mm)
powerful source for creation



LCD colour screen
for clearly exposure markings

- LED Video light with 9 steps adjustment
- Soft Box included in the package
- Focal length range coverage of 24-200mm
- Built-in diffuser that gives a 16mm lens coverage
- Built-in AF assist light
- Quick-release button for hotshoe sliding protection
- High-speed synchronization¹
- Traditional (optical) wireless TTL mode³
- Four size-AA batteries
- External Power Pack Socket²

¹ The maximum synchronization speed depends upon the camera model.

² Canon, Nikon & Sony versions use the same socket as the original camera manufacturer. Fujifilm & Four Thirds versions use the Sony's external power pack socket.

³ Optical wireless not available on Fujifilm version





MF18 MACRO FLASH

PRECIOUS LIGHT CONTROL



Ring-shaped flash tube
16GN @ISO 100



Built-in LED
for modelling light

A:B

Left / Right all alone
output ratio control



- Metal hotshoe for all version
- User-friendly Colour LCD Display
- Wide range of lens adaptors included in package
52 / 58 / 62 / 67 / 72 / 77 mm (Canon, Nikon)
49 / 55 / 62 / 67 / 72 / 77 mm (Sony)
(49, 55 and 82mm are optional for purchase)
- High-speed synchronization¹
- Optical wireless TTL master mode
- External Power Pack Socket
- PC Sync Terminal
- Quick batteries loading design²
- Four size-AAA batteries

¹ The maximum synchronization speed depends upon the camera model.

² Battery Magazine BM-01.

Accessories



Battery Magazine BM-01

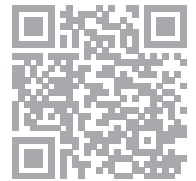


Commander



Commander

Air 10s / Air 1 / Air R



Air 10s

100M, ADVANCED COMMANDER



100M

100M signal receiving range
the longest distance control

**MIXED
MODE**

Independent 8 groups
in TTL or M mode at the same time

+/-EV

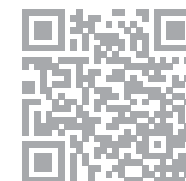
Finest (1/3EV) flash power
output adjustment down to 1/256



- Humanize operating button
- NAS 2.4Ghz wireless controller
- Cross-system Strobe Control
- Support MG series, i60A & Di700A with NAS system and Air R
- Support TTL and HSS/TP mode (up to shutter 1/8000)¹
- ID pairing function to prevent interfering
- 4 Basic and 4 Advance groups
- Micro SD card slot for firmware update
- Support Open mode / 25 steps Modelling light
- Two size-AAA batteries

¹ The maximum synchronization speed depends upon the camera model.





Air 1

SIMPLY CONTROL BY ONE FINGER



Easy operation
by one finger-tip



Cross-system control
supports different version's Nissin flash



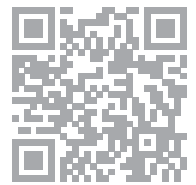
Built-in NAS 2.4Ghz
wireless commander



- Selector dial and Colour LED Display
- 9 steps by half EV increments
- TTL compensation +/- 2EV control
- Manual output control, 8 steps of Manual output from 1/1 - 1/128
- Manual zoom control, coverage from 24 - 200mm
- Support TTL and HSS/TP mode (up to shutter 1/8000)¹
- 3 groups and 8 channels
- Built-in AF assist light
- Two size-AAA batteries

¹ The maximum synchronization speed depends upon the camera model.





Air R

APPLYING OF ORIGINAL FLASH



Supports original factory flash
or specific Nissin flashes



Supports wireless
High-Speed Synchronization¹



Built-in NAS 2.4Ghz
wireless receiver

- Dual Selector dials
- Group A, B and C, Channel 1 - 8 selection
- Built-in stand and hint card
- Standard PC sync socket
- Metal hotshoe
- Two size-AAA batteries
- 1/4" Light stand /Tripod lug

¹ The maximum synchronization speed depends upon the camera model.





Accessories



Accessories

*PS8 / Light Shaping Kit /
LS-55C / LS-65C / LS-20CS /
RH-100C / RF-80W, S /
CU-90T, W / MU-45T, W*



POWER PACK
PS 8
EXTREME POWER



Quick-loading battery cartridge
with one click beside the case body



Battery level indication
LED shows clear reading instantly



USB socket
DC 5V 2A output



High-Speed charging
in 4 hours



Specifications of Ni-MH battery pack

Type	Cartridge type (with two-stage locking device)
Output voltage	DC 7.2V
Capacity	3,000 mAh
Charging time (Approx.)	4 hours
Charge Discharge cycle (Approx.)	500 cycles
Dimensions (Approx.)	180(H) x 100(W) x 40(D)mm 7.1(H) x 3.9(W) x 1.6(D) inches
Weight (Approx.)	794g / 28 oz.

Included

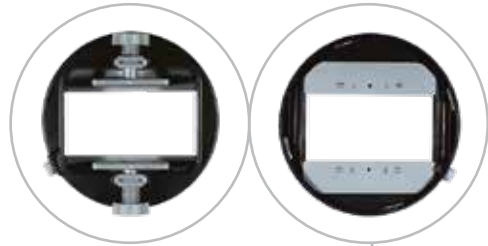


Power Supply Cable(left) /
Charger / Power Pack Battery

Light Shaping Kit

CREATE STUNNING IMAGE

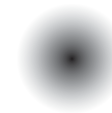
Adapter



Snoot



Create spotlight
for preventing light spread



Create soft light
with diffuser and softcover



Specifications of Light Shaping Kit

Accessories	Reflector with soft cover, Snoot with honeycomb, Universal adapter, Beauty dish
Beauty dish	f/21 (Max f-stop @ 2m / 100 ISO)
Net weight	524.4g



Beauty Dish
with soft cover



Honeycomb

Angle modifier



Twist parts



LS-55C

FULL CARBON-FIBRE FLASH STAND

LS-65C

THE HIGHEST FLASH STAND



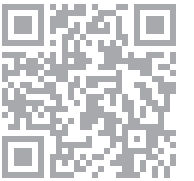
The lightest stand
with different height



Carbon-fibre
made for a more durable stands



Folded Min. 485mm



Folded Min. 600mm



Specifications of LS-55C & LS-65C

Section	5	5
* Materials	Carbon-fibre	Carbon-fibre
Bottom lower legs	Reverse folding (3 legs, 1 adjustable)	Reverse folding (3 legs)
Min. operating height	485mm	600mm
Max. operating height	2m	2.7m
Safety payload weight	1.5kg	3.0kg
* Net weight (Approx.)	625g/ 1.4lb	815g/ 1.8lb

Applying in studio



*Tips (velcro)





LS-20CS

EASY CARRY LITTLE KIT

LS-20C



Folded Min. 19cm

Extender



Folded Min. 37cm

Ball head



Multipurpose kit
for light shaping and light handling



Fit for table top shots
compact and easy carry

Grip handle



Length 19cm

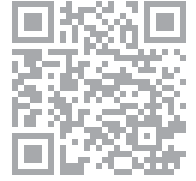


Mini softbox / Adapter



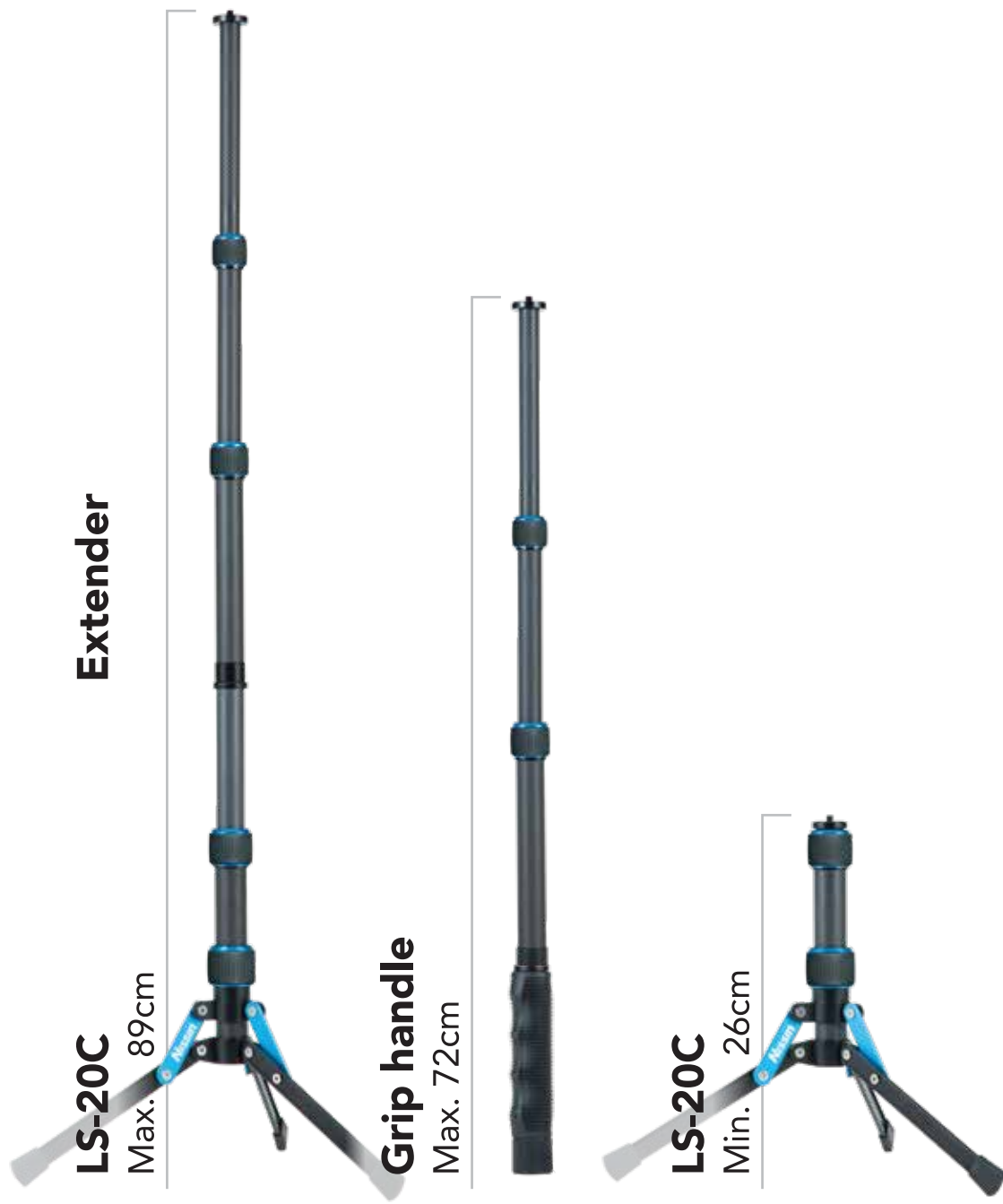
Specifications of LS-20CS

Product included	Main stand, extender, mini softbox, adapter, grip handle, bag
Materials	Stand: Carbon-fibre(pole), aluminium(leg/dowels)
	Extender: Carbon-fibre(pole), aluminium(leg/dowels), nickel plated steel
	Mini softbox: plastic, nylon Adapter: plastic
	Grip handle: rubber, plastic
Main stand operating height	Min. 26cm / Max. 45cm
Extender operating height	Min. 44cm / Max. 72cm
Mini softbox size	30 x 18cm
Safety payload	1.0kg
Net weight (Approx.)	Main stand(with ball head): 350g/ 0.8lb
	Extender(with grip handle): 180g/ 0.4lb
	Mini softbox(with adapter): 200g/0.5lb



LS-20CS

APPLICATION



Limited space

with LS-20CS and compact flash

Check points
In limited working space

 portable to everywhere

 flexibility of gears

Light shaping Kit
Soft cover

Flash: i40 + Air R / i60A
base on size of object & distance

Light stand: LS-20C

Commander: Air 10s
or Air 1 is also works

Mini softbox
to create soft lighting

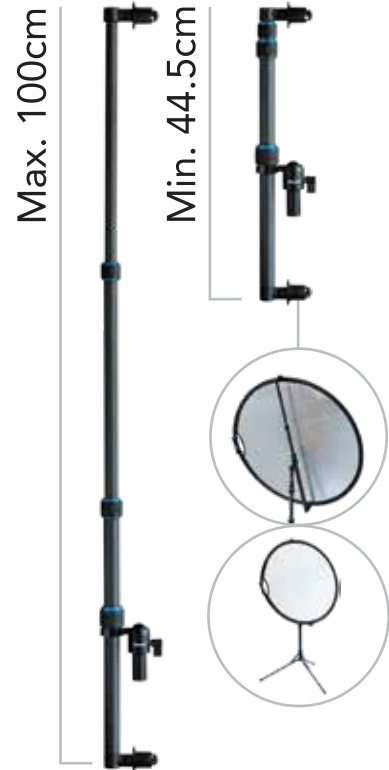
Flash: i600 + Air R / i60A

Flash stand: LS-20C
compact for limited working space shooting

Shooting target

RH-100C

CARBON REFLECTOR HOLDER

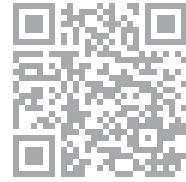


Specifications of RH-100C

Section	3
Materials	Carbon-fibre
Min. operating height	44.5cm
Max. operating height	100cm
Total height (Max. height)	108cm
Net weight (Approx.)	340g/ 0.7lb

RF-80W,S

REFLECTOR (WHITE / SILVER)



Specifications of RF-80W,S

Materials	Polyester, steel, ABS
Folded size	30cm
Unfolded diameter	80cm

CU-90T

UMBRELLA (TRANSLUCENT)



A nylon soft bag



Specifications of CU-90T,W

Ribs	8
Materials	Stainless steel, nylon, plastic
Length (folded)	41cm
Max. diameter	90cm
Shaft Shape	Hexagon, 9mm

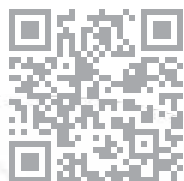
CU-90W

UMBRELLA (WHITE)



MU-45T

MINI UMBRELLA (TRANSLUCENT)



MU-45W

MINI UMBRELLA (WHITE)



Specifications of MU-45T,W

Ribs	8
Materials	Stainless steel, nylon, plastic
Length (folded)	39cm
Max. diameter	47cm
Shaft Shape	Cylinder, 9mm

Table Top

with LS-20CS and mini umbrella

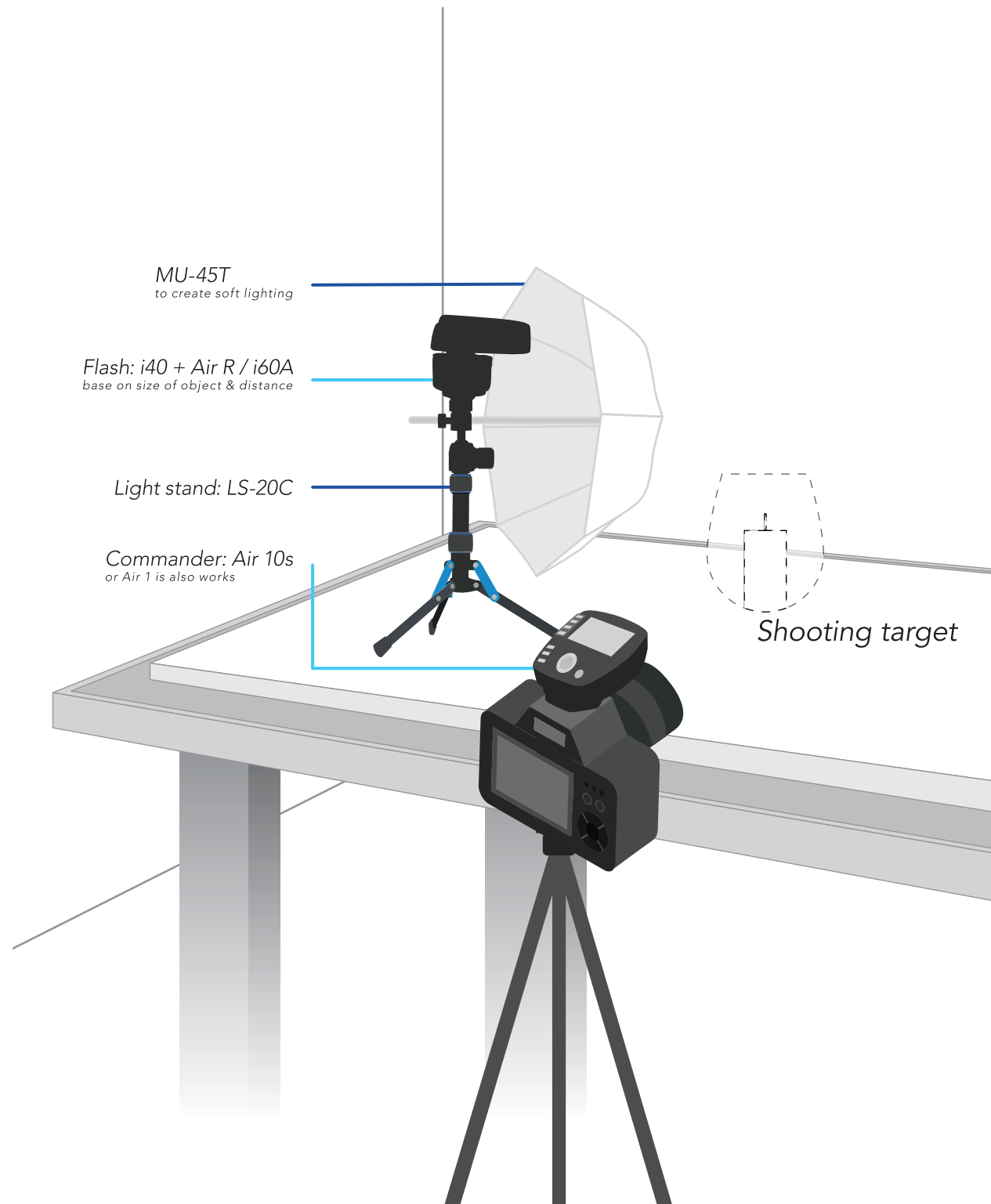
MU-45T
to create soft lighting

Flash: i40 + Air R / i60A
base on size of object & distance

Light stand: LS-20C

Commander: Air 10s
or Air 1 is also works

Shooting target



MG80 Pro 

MG10 

MG 8 

i60A 

i40

i400

i600

MF18
MACRO FLASH

Air 10s 

Air 1 

Guide Number (Angle coverage)	(M /Ft)	(M /Ft)	(M /Ft)	(M /Ft)	(M /Ft)	(M /Ft)	(M /Ft)	(M /Ft)
24mm	27/89	38/124	27/89	27/89	22/72	22/72	27/89	-
28mm	29/95	41/134	29/95	29/95	25/82	25/82	29/95	-
35mm	32/105	47/154	32/105	32/105	27/89	27/89	32/105	-
50mm	39/129	56/183	39/129	39/129	32/105	32/105	39/129	-
70mm	42/138	60/196	42/138	42/138	36/118	36/118	42/138	-
85mm	45/148	64/209	45/148	45/148	38/125	38/125	45/148	-
105mm	50/164	69/226	50/164	50/164	40/131	40/131	50/164	-
135mm	54/177	74/242	54/177	54/177	-	-	54/177	-
200mm	60/197	80/262	60/197	60/197	-	-	60/197	-
Without zoom head (w/s)	20/65 (83)	28/91 (165)	- (83)	- (83)	- (44)	- (44)	- (83)	-
Focal Length Coverage (35mm Equiv.)	24~200mm	24~200mm	24~200mm	24~200mm	24~105mm	24~105mm	24~200mm	-
Wide Angle Diffuser	18mm	18mm	18mm	16mm (Build-in)	16mm (Build-in)	16mm (Build-in)	16mm (Build-in)	-
Power Source	4 x 14500 Li-ion Batteries	2x 26650 Li-ion Batteries	2x 26650 Li-ion Batteries	4 x AA Batteries	4 x AA Batteries	4 x AA Batteries	4 x AA Batteries	4 x AA Batteries
	Alkaline, NiMH	8xAA Rechargeable Batteries	8xAA Rechargeable Batteries	Alkaline, NiMH	Alkaline, NiMH	Alkaline, NiMH	Alkaline, NiMH	Alkaline, NiMH
Quick Loading System (BM-01/BM-02)	-	-	-	-	-	-	-	BM-01
Recycle Time								
Li-ion battery	0.1 ~1.2 seconds	0.1 ~3 seconds	0.1 ~1.6 seconds	-	-	-	-	-
NiMH battery	0.1 ~10 seconds	0.1 ~10 seconds	0.1 ~5 seconds	0.1 ~5.5 seconds	0.1 ~4 seconds	0.1 ~4 seconds	0.1 ~4 seconds	0.1 ~5.5 seconds
Alkaline battery	0.1 ~10 seconds	0.1 ~10 seconds	0.1 ~5 seconds	0.1 ~5.5 seconds	0.1 ~4 seconds	0.1 ~4 seconds	0.1 ~4 seconds	0.1 ~5.5 seconds
Number of Flashes								
Li-ion battery	360 flashes	500 flashes	1000 flashes	-	-	-	-	-
NiMH battery	250 flashes	250 flashes	500 flashes	220- 1500 flashes	220 ~1,700 times	220 ~1,700 times	220 ~1,700 times	120 ~800 times
Flash Duration								
Manual mode	1/167 - 1/10,000 Sec	1/167 - 1/10,000 Sec	1/167 - 1/10,000 Sec	1/800 (Full Power)	1/800 (Full Power)	1/800 (Full Power)	1/800 (Full Power)	1/300 (Full Power)
TTL mode	1/167 - 1/10,000 Sec	1/167 - 1/10,000 Sec	1/167 - 1/10,000 Sec	1/800 - 1/20,000 Sec	1/800 - 1/20,000 seconds	1/800 - 1/20,000 seconds	1/700 ~ 1/30,000 seconds	1/700 ~ 1/30,000 seconds
Energy Saving								
Auto power off	60 minutes	60 minutes	60 minutes	60 minutes	60 minutes	60 minutes	60 minutes	30 minutes
Stand-by mode	A/TTL/M - 2 mins, Wireless - 5 min	5 mins (without binding)	5 mins (without binding)	A/TTL/M - 2 mins, SD/SF/Wireless - 5 min	A/TTL/M - 2 mins, SD/SF/Wireless - 5 min	A/TTL/M - 2 mins	A/TTL/M - 2 mins, SD/SF/Wireless - 5 min	30 seconds
Display off	-	-	-	-	-	-	-	Display screen switch off
Colour Temperature	5,600k	5,600k	5,600k	5,600k	5,600K	5,600K	5,600K	5,600K
Flash Power Control System								
Full Auto	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony)	-	-	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon)
TTL	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony)	Yes (On Air 10s)	Yes (On Air 10s)	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for 4/3 & Fujifilm)	E-TTL, E-TTL II (for Canon)
Auto Aperture Flash	EV compensation ± 2.0EV	-	-	EV compensation ± 2.0EV	EV compensation ± 2.0EV	EV compensation ± 2.0EV	EV compensation ± 2.0EV	EV compensation ± 3.0EV
Manual Power Ratio	1/3EV steps	-	-	1/3EV steps	1/3EV steps	1/3EV steps	1/3EV steps	-
Manual zoom	-	-	-	Manual zoom	Manual zoom	Manual zoom	Manual zoom	-
Multi- flash	Full~ 1/256, 1/3EV steps	Full~ 1/256, 1/3EV steps	Full~ 1/256, 1/3EV steps	Full~ 1/256, 1/3EV steps	Full~ 1/256, 1/2EV steps	Full~ 1/256, 1/2EV steps	Full~ 1/256, 1/2EV steps	Manual Full : ~1/64 -2/3, 1/3 steps
Manual zoom	Manual zoom	Manual zoom	Manual zoom	Manual zoom	Manual zoom	Manual zoom	Manual zoom	Fine Macro : 1/128~1/1024, 1/6 steps
Wireless Remote								
Slave	-	-	-	Digital slave	Digital slave	Digital slave	Digital slave	-
Wireless TTL								
2.4GHz Wireless TTL Slave:	radio transmission (NAS specifications).	radio transmission (NAS specifications).	radio transmission (NAS specifications).	radio transmission (NAS specifications).	radio transmission (NAS specifications).	radio transmission (NAS specifications).	radio transmission (NAS specifications).	radio transmission (NAS specifications).
Optical Wireless TTL Slave:	-	-	-	-	-	-	-	-
Optical Wireless TTL Slave:	-	-	-	-	-	-	-	-
Optical slave mode (SD / SF mode)	-	-	-	RMT all channel Groups	RMT all channel Groups	RMT all channel Groups	RMT all channel Groups	Group A/C
Allchannel Groups A/B/C/Canon/ Nikon/ Four Thirds)	-	-	-	RMT/ RMT2/ RMT-M	RMT/ RMT2/ RMT-M	RMT/ RMT2/ RMT-M	RMT/ RMT2/ RMT-M	Modes Off/ TTL/ Manual
RMT all channel Groups	-	-	-	TTL all channel Groups	TTL all channel Groups	TTL all channel Groups	TTL all channel Groups	TTL Flash Ration Adjustable For Canon
RMT/ RMT-2/ RMT-M (Sony)	-	-	-	(4/3)	(4/3)	(4/3)	(4/3)	Master, 4 Channels (Sony)
Optical wireless not available on Fujifilm version	-	-	-	Optical wireless not available on Fujifilm version	Optical wireless not available on Fujifilm version	Optical wireless not available on Fujifilm version	Optical wireless not available on Fujifilm version	Master, 4 Channels (Canon, Nikon)
Ev Compensation on flash	-2.0~+2.0, 1/3EV steps	-2.0~+2.0, 1/3EV steps	-2.0~+2.0, 1/3EV steps	-2.0~+2.0, 1/3EV steps	-2.0~+2.0, 1/2EV steps	-2.0~+2.0, 1/2EV steps	-2.0~+2.0, 1/2EV steps	-3.0~+3.0, 1/3EV steps
My TTL Setting	-	-	-	-	-	-	-	-3.0~+3.0, 1/3EV steps
Bounce Function	Up: 90°, Down: -7°, Left/Right: 180°/180°	Up: 90°, Down: -7°, Left/Right: 180°/180°	Up: 90°, Down: -7°, Left/Right: 180°/180°	Up: 90°, Left/Right: 180°/180°	Up: 90°, Left/Right: 180°/180°	Up: 90°, Left/Right: 180°/180°	Up: 90°, Left/Right: 180°/180°	-
FE/FV Lock	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	[FEL] OR [*] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)
Rear curtain sync.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High speed sync.	Yes (Canon, Nikon, Sony)	Yes (Canon, Nikon, 4/3, Sony, Fujifilm)	Yes (Canon, Nikon, 4/3, Sony)	Yes (Canon, Nikon, 4/3, Sony)	Yes (Canon, Nikon, 4/3, Sony)	Yes (Canon, Nikon, 4/3, Sony)	Yes (Canon, Nikon, 4/3, Sony)	Yes
Red eyes reduction mode	Yes (Nikon)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes
Slow sync. mode	Yes (Nikon)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes (Nikon, 4/3, Fujifilm)	Yes
AF Assist Light Distance	0.7 ~ 5m	-	-	0.7 ~ 5m	0.7 ~ 5m	0.7 ~ 5m	0.7 ~ 5m	Modelling LED for macro focus
Operation Control Panel	Colour LCD display	-	-	Colour LCD display	Dial	Dial	Dial	Colour display (Auto rotation)
Firmware update Terminal	MicroSD	MicroSD	MicroSD	Exclusive Terminal	-	-	-	USB Terminal
PC sync Terminal	-	Yes	-	-	-	-	-	Yes
External power pack socket	-	Nissin/ Sony	Nissin/ Sony	Nissin/ Canon/ Nikon/ Sony	-	-	-	Nissin/ Canon/ Nikon
Accessories	Diffuser, Filter holder, Soft pouch	Tripod Head, Bracket,	Tripod Head, Bracket,	Flash stand with tripod screw,	Flash stand with tripod screw, Soft box,	-	-	original power pack
	Flash stand with tripod screw	Diffuser, Filter holder	Diffuser, Filter holder	Soft box,Soft pouch	Soft pouch,Carabiner (NOT FOR CLIMBING)	-	-	original power pack
Dimensions (Approx.)	73 x 137 x 120 mm/ 2.9 x 5.4 x 4.7 inchs	210 x 145 x 80 mm/ 8.3 x 5.7 x 3.1 inchs	210 x 145 x 80 mm/ 8.3 x 5.7 x 3.1 inchs	112 x 73 x 98 mm/ 4.4 x 2.9 x 3.6 inchs	85 x 61 x 85 mm/ 3.35 x 2.4 x 3.35 inch	85 x 61 x 85 mm/ 3.35 x 2.4 x 3.35 inch	112 x 73 x 98 mm/ 4.4 x 2.9 x 3.6 inch	Adaptor rings: 52, 58, 62, 67, 72 and 77mm Main body : 115 x 65 x 85mm/ 4.5 x 2.6 x 3.3 inch
Weight (Approx.)	520g / 18.3 oz (without batteries)	975g/ 34.3oz (without batteries)	725g/ 25.5oz (without batteries and soft box)	300g/ 10.8oz (without batteries and soft box)	203g (7.16oz) (without batteries and soft box)	203g (7.16oz) (without batteries)	300g/ 10.8oz (without batteries)	Ring flash : 120 x 134 x 41mm/ 4.7 x 5.3 x 1.6 inch
LED video light	Modelling Light	25 steps (Modelling Light)	25 steps (Modelling Light)	9 steps	9 steps	-	-	458g (16.2oz) (without batteries)
								15 steps (Modelling Light, TTL only)

Wireless system	Radio category	Radio category
Radio specifications	2.4GHz ISM band (Obtaining technical standards conformity certification)	2.4GHz ISM band (Obtaining technical standards conformity certification)
Channel	8 channels (channel setting in Air 10s)	8 channels (channel setting in Air 1)
Flash Groups	A, B, C, D (4 Groups) Ā, B̄, C̄, D̄ (4 Groups)	A, B, C (3 Groups) (Group control and a specific group can stop transmitting)
Power Source	2 x AAA batteries	2 x AAA batteries
Batteries life	Approx 3000 shoot (2xAAA alkaline Batteries)	Approx 3000 shoot (2xAAA alkaline Batteries)
Function mode	TTL, Manual and Manual zoom	TTL, Manual and Manual zoom
Continuous shooting speed	10 shots/sec	10 shots/sec
Number of flashes (Approx.)	3,000 flashes	3,000 flashes
Transmission distant	Max. 100m (Depending on the enviroment)	Max. 30m (Depending on the enviroment)
Synchronization modes	Canon :	Canon :
	1st- Curtain synchronization, High-speed synchronization, FE Lock (set on camera).	1st- Curtain synchronization, High-speed synchronization, FE Lock and FV Lock (set on camera).
	Nikon :	Nikon :
	1st- Curtain synchronization, 2nd- Curtain synchronization, Rear Curtain synchronization, High-speed synchronization, Red-eye reduction, Slow synchronization, FV Lock (set on camera).	1st- Curtain synchronization, 2nd- Curtain synchronization, Rear Curtain synchronization, High-speed synchronization, Red-eye reduction, Slow synchronization, FV Lock (set on camera).
	Sony :	Sony :
	1st- Curtain synchronization, High-speed synchronization, FEL Lock (set on camera)	1st- Curtain synchronization, High-speed synchronization, FEL Lock (set on camera)
	Four Thirds :1st- Curtain synchronization, 2nd- Curtain synchronization, High-speed synchronization, Slow synchronization, Red-eye reduction (Olympus only)	Four Thirds :1st- Curtain synchronization, 2nd- Curtain synchronization, High-speed synchronization, Slow synchronization, Red-eye reduction (Olympus only)
	Fujifilm :	Fujifilm :
	2nd Curtain synchronization, Slow synchronization , Red-eye reduction	2nd Curtain synchronization, Slow synchronization , Red-eye reduction
AF-assist beam effective range	0.7 ~ 5m	0.7 ~ 5m
Dimensions	65(L) x 60(W) x 50(H)mm/ 2.6(L) x 2.4(W) x 2(H)inch	65(L) x 60(W) x 50(H)mm/ 2.6(L) x 2.4(W) x 2(H)inch
Weight	73g / 2.6oz (without batteries)	55g / 1.9oz (without batteries)

Air R 

Wireless system	Radio category
Radio specifications	2.4GHz ISM band (Obtaining technical standards conformity certification)
Channel	8 channels, auto select or manual select
Flash Groups	A, B, C (3 Groups)
Power Source	2 x AAA Batteries
Guide no. mode	High GN mode Default (GN 50-65), Low GN mode (GN 25-49)
Mode (set at NAS commander)	TTL, Manual and Manual zoom
EV compensation on flash	[TTL] -2.0~ +2.0, 1/2EV step [manual] 1~1/128 (8 steps)
Manual output	8 steps of Manual output 1/128 - 1/64 - 1/32 - 1/16 - 1/8 - 1/4 - 1/2 - 1/1 (Full) power
Manual zoom	Manual adjustment (24/35/50/70/85/105/135/200 mm)
Number of flashes (Approx.)	5,000 flashes
Transmission distance	Max. 30m (Depending on the enviroment)
High speed synchronization	1/8,000sec (controled by NAS commander.)
Mounting	Built in stand, Cold shoe/1/4" Tripod Lug
External sync. socket	Standard PC sync cable
Dimensions	65(L) x 60(W) x 50(H)mm/ 2.6(L) x 2.4(W) x 2(H)inch
Weight	55g / 1.9oz (without batteries)

For further details, please refer to the user's manual at Nissin website www.nissindigital.com/download.html
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