

NUCLEUS-M II WIRELESS LENS CONTROL SYSTEM

USER MANUAL

TILTA

01 DISCLAIMER

Thank you for purchasing TILTA products.

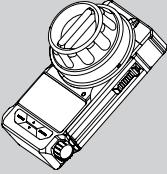
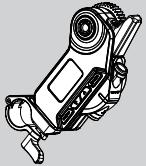
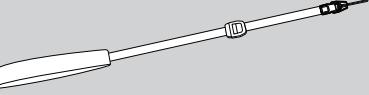
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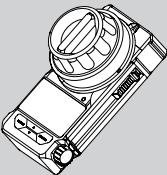
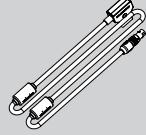
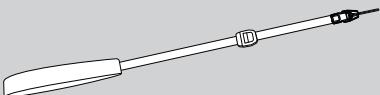
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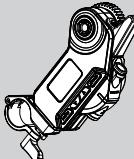
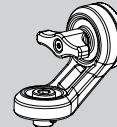
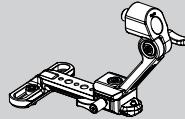
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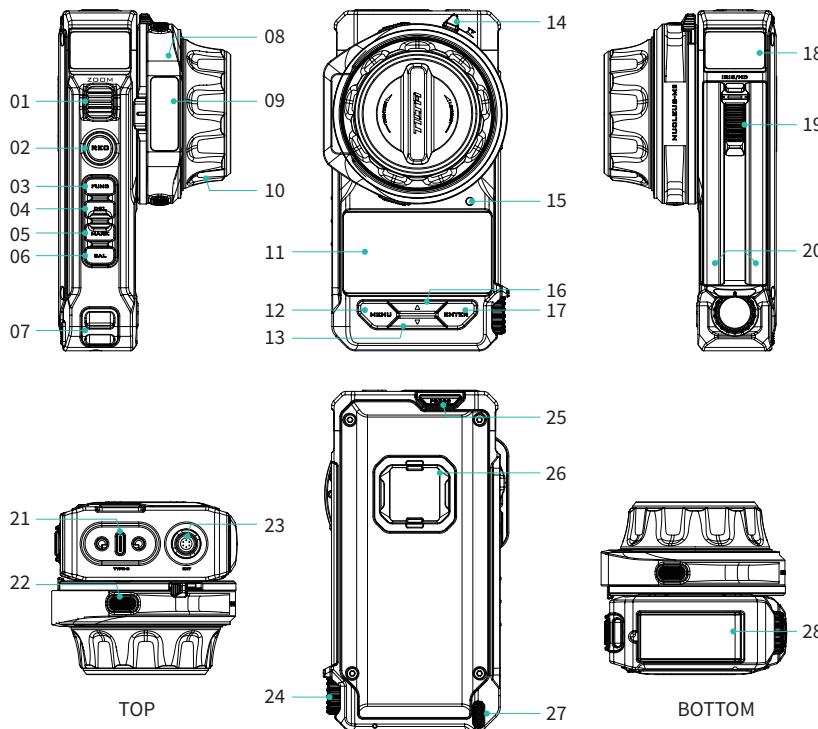
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Nucleus-M II FIZ Hand Unit×1	Nucleus-M II Hand Grip (Left)×1	Nucleus-M II Hand Grip (Right)×1	Nucleus-M II Motor×2
			
Nucleus-M II Electronic Focus Marking Disk×1	P-Tap to 7-Pin Power Cable (70cm)×1	7-Pin to 7-Pin Connection Cable (50cm)×1	7-Pin to 7-Pin Connection Cable (30cm)×1
			
Nucleus-M II 0.5 Mod Motor Gear×1	Nucleus-M II 0.8 Mod Motor Gear×2	Nucleus-M II Motor Rod Mount (15mm)×2	Nucleus-M II Motor Rod Mount (19mm)×2
			
Nucleus-M II Zoom Module for Hand Grip×1	Hand Grip to Arri Standard Rosette Adapter×1	Monitor Mounting Bracket for FIZ Hand Unit×1	Baby Pin Adapter for Monitor Mounting Bracket×1
			
Nucleus-M II Follow Focus Marking Disk×5	Tilta Universal Focus Gear Ring - Black×2	Nucleus-M II FIZ Hand Unit Lanyard×1	

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Nucleus-M II FIZ Hand Unit×1	Nucleus-M II Motor×1	Nucleus-M II Motor Rod Mount (15mm)×1	Nucleus-M II Motor Rod Mount (19mm)×1
			
Nucleus-M II Electronic Focus Marking Disk×1	P-Tap to 7-Pin Power Cable (70cm)×1	7-Pin to 7-Pin Connection Cable (50cm)×1	7-Pin to 7-Pin Connection Cable (30cm)×1
			
Nucleus-M II Follow Focus Marking Disk×1	Tilta Universal Focus Gear Ring - Black×2	Nucleus-M II FIZ Hand Unit Lanyard×1	
			
Nucleus-M II 0.8 Mod Motor Gear×1			

			
Nucleus-M II Hand Grip (Right)×1	Nucleus-M II Motor×1	Nucleus-M II Zoom Module for Hand Grip×1	Hand Grip to Arri Standard Rosette Adapter×1
			
Tilta Universal Focus Gear Ring - Black×2	P-Tap to 7-Pin Power Cable (70cm)×1	7-Pin to 7-Pin Connection Cable (50cm)×1	7-Pin to 7-Pin Connection Cable (30cm)×1
			
Nucleus-M II 0.8 Mod Motor Gear×1	Nucleus-M II Motor Rod Mount (15mm)×2	Nucleus-M II Motor Rod Mount (19mm)×2	Nucleus-M II Top Handle Adapter for Hand Grip×1



- 01 ZOOM Rocker
Zoom Control
- 02 REC Button
Power on/off and controls run/stop
- 03 FUNCTION Button
Locks screen and sends control to Hand Grips
- 04 DEL Button
Cancel selection
- 05 MARK Button
Set lens marks
- 06 CAL Button
Long press to calibrate the lens automatically
- 07 Lanyard Attachment Point
- 08 Electronic Focus Marking Disk
- 09 Electronic Focus Disk Display
Displays focus information
- 10 Focus Wheel
Rotate to adjust focus motor

- 11 LED Display
Access menus
- 12 MENU Button
Adjust settings
- 13 Down Button ▼
Go to the next page
- 14 Limit Switch
Switch between TF/DF
Push left to choose DF (Hand Wheel rotates freely)
Push right to choose TF (Tilta Focus mode. Hand Wheel rotation is limited to less than 360°)
- 15 Light Sensor
Senses the ambient light levels and adjusts the brightness of the display.
- 16 Up Button ▲
Go to the previous page
- 17 ENTER Button
- 18 IRIS Display
Displays iris information
- 19 Iris Slider
Control iris motor
- 20 Iris LED
- 21 USB-C Port
For charging, external power supply, firmware updates, and data transfer.
- 22 Electronic Focus Disk Release
Press to install/remove the electronic focus disk.
- 23 EXT Port
Control port
- 24 SPEED/ND Dial
Hold to switch between zoom speed and ND motor control.
- 25 Cable Clamp Attachment Release
Press to install/remove the cable clamp attachment
- 26 Hand Wheel Interface
Connect hand wheel to the device
- 27 Battery Release
Press to open the battery compartment
- 28 Battery Compartment Cover