

bticino
418M2 Universal
hbutton Dimmer



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bticino

bticino YG4418M2 Universal Pushbutton Dimmer

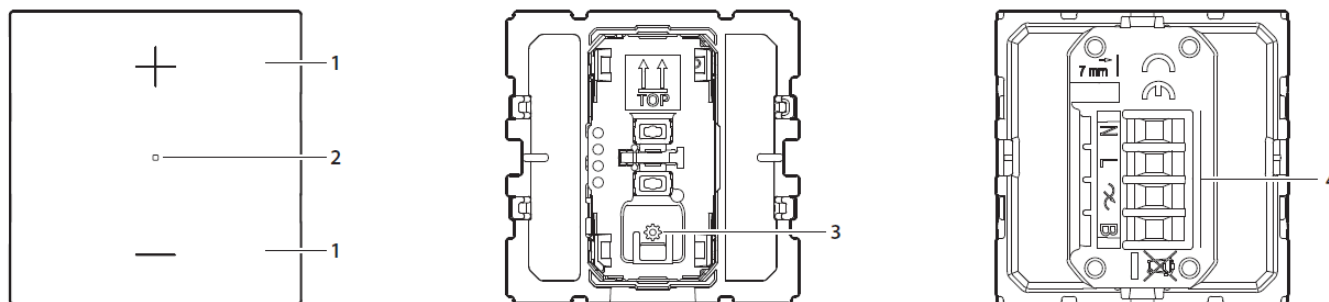


Specifications

- Model: YW/YD/YG4418M2
- Maximum Range: 50m
- Supported Voltage:

- 240 VAC – 150 W
- 110 VAC – 75 W
- Compatible with:
 - Incandescent or halogen lamps
 - Dimmable LED lamps, electronic transformers, ferromagnetic transformers, compact fluorescent lamps

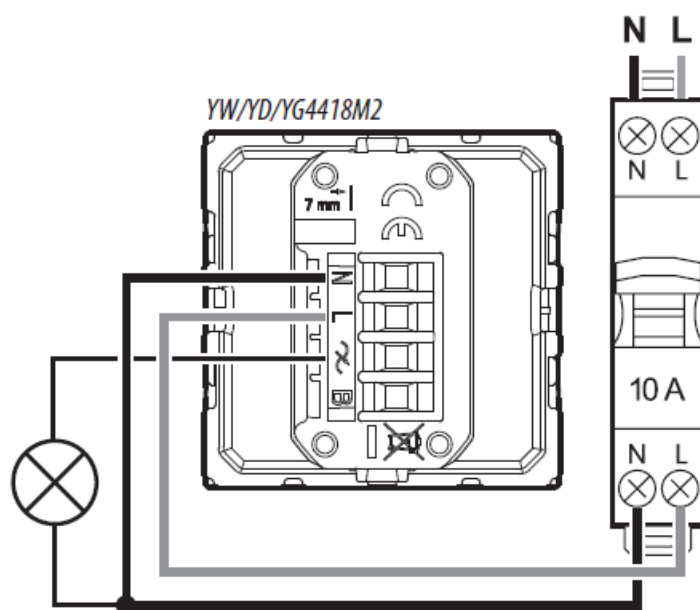
Description



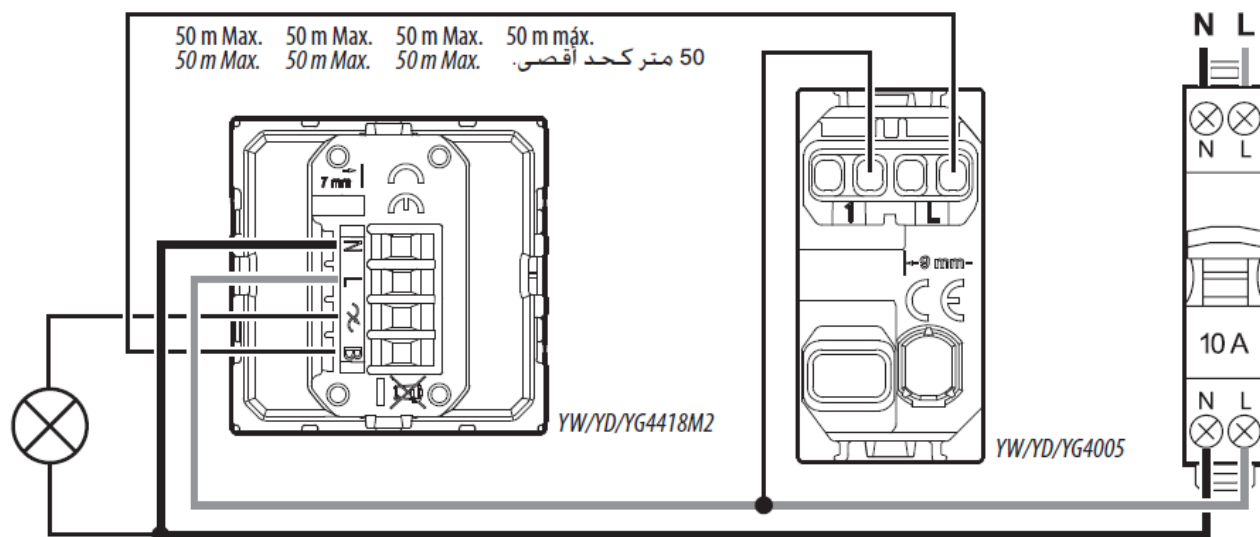
1. Control pushbutton
2. Notification LED
3. Factory reset pushbutton: press and hold down the red LED turns on
4. Connection clamps

- = controlLed phase
- B = pushbutton input

Electric diagrams



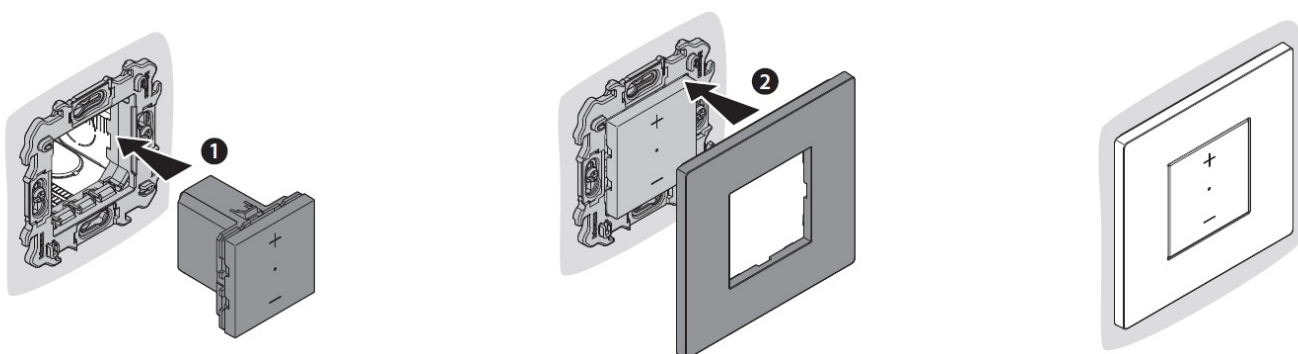
- Basic diagram



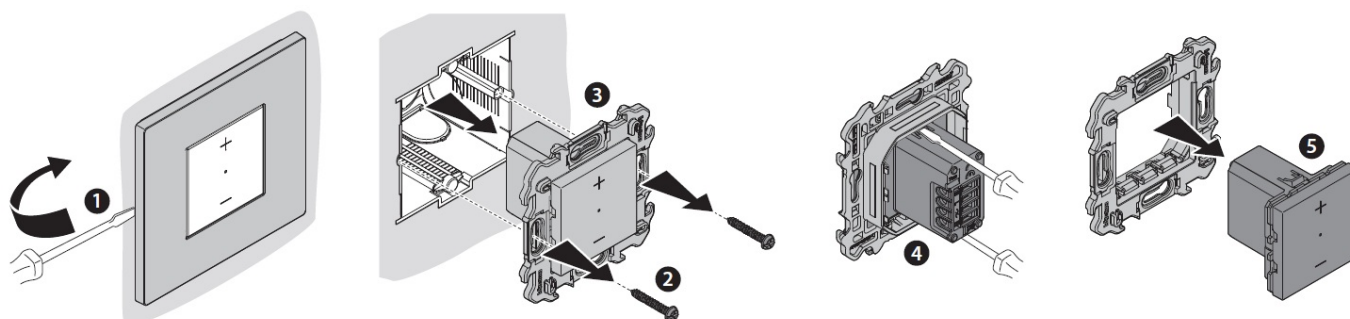
- Diagram with non-backlit remote control pushbuttons (Max 20)

-  Switch the power supply OFF before any work on the system.
- Remote operation may cause damage to people or property
- Protect a with ≤ 10 A thermal magnetic circuit breaker

Mounting



Disassembling



Technical features

 + 35 °C + 5 °C	110 – 240 Vac ; 50/60 Hz 110 – 240 Vca ; 50/60 Hz	 1 x 1,5 mm² 1 x 1.5 mm²
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• Carichi	Lampada incandescente o lampada alogena	Lampada a LED DIMMERABILE (*),
240 VAC	150 W	150 VA
110 VAC	75 W	75 VA
• Loads	<i>Filament lamp or halogen lamp</i>	<i>DIMMER LED lamp (*),</i>
240 VAC	<i>150 W</i>	<i>150 VA</i>
110 VAC	<i>75 W</i>	<i>75 VA</i>
• Charges	Ampoule à incandescence ou lampe halogène	Ampoule à LED AVEC VARIATEUR (*),
240 VAC	150 W	150 VA
110 VAC	75 W	75 VA
• Stromlasten	<i>Glühlampe oder Halogenlampe</i>	<i>Dimmbare LED-Lampen (*),</i>
240 VAC	<i>150 W</i>	150 VA
110 VAC	<i>75 W</i>	75 VA

• Cargas	Bombilla incandescente o bombilla halógena	Lámpara LED REGULABLE (*)
240 VCA	150 W	150 VA
110 VCA	75 W	75 VA
• Ladingen		<i>DIMBARE LEDlamp (*)</i> .
240 VAC	150 W	150 VA
110 VAC	75 W	75 VA
• Cargas		Lâmpada de LED COM VARIADOR DIMMER (*), Transformadores eletrônicos com variador dimmer, Transformadores ferromagnéticos com variador dimmer (**), Fluorescentes compactas com variador dimmer
240 VCA	150 W	150 VA
110 VCA	75 W	75 VA

- (*) For good lighting comfort, we recommend the use of lamps of the same type and from the same supplier. Maximum 15 lamps.
- (**) Use only in “Leading edge” mode

Settings

- Led colour legend

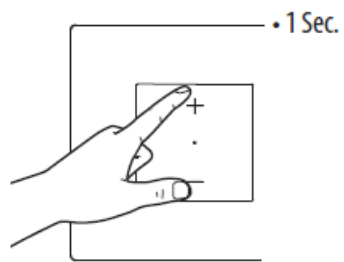
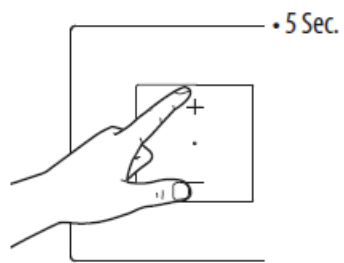
	• Verde - Regolazione delle soglie di illuminazione • Green - Adjustment of lighting thresholds	• Grün - Einstellung der Beleuchtungsschwelle • Verde - Regulación de los umbrales de iluminación	
	• Blu - Funzioni Led OFF/Led ON/Localizzatore/Indicatore • Blue - Led off/Led on/Locator/Indicator functions	• Blau - Funktionen LED AUS/LED EIN/Ortungsgerät/Anzeiger • Azul - Funciones Led OFF/Led ON/Localizador/Indicador	Indicador
	• Arancione - Funzione memoria dello stato di illuminazione • Orange - Lighting state memory function	• Orange - Speicherfunktion für den Beleuchtungsstatus	
	• Rosa - Modalità Trailing/Leading • Pink - Trailing/Leading mode	• Rosa - Trailing/Leading-Modus • Rosa - Modo Trailing/Leading • Roze - Modus Trailing/Leading	• Rosa - Modo Trailing/Leading
	• Off - Uscire dalla modalità Impostazioni • Off - Exit settings mode	• Off - Beenden des Einstellungsmodus • Off - Salir del modo Ajustes • Off - Afsluiten van de modus Instellingen	• Off

	• Fisso • Steady	• Fijo • Permanent
	• Lampeggiante lento • Flashing slowly	• Knippert langzaam • Intermitente lento
	• Lampeggiante rapido • Flashing quickly	• Knippert snel • Intermitente rápido
	• Lampeggiante rapidissimo • Flashing very quickly	• Knippert heel snel • Intermitente muito rápido

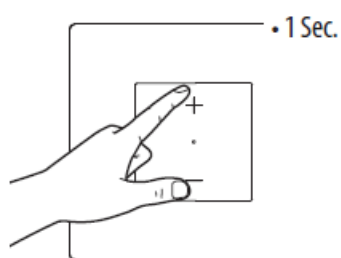
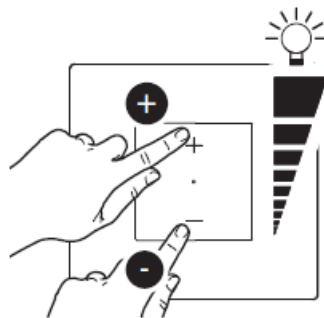
- Led status legend

Note: Exit Settings mode automatically if no action is taken for 2 minutes.

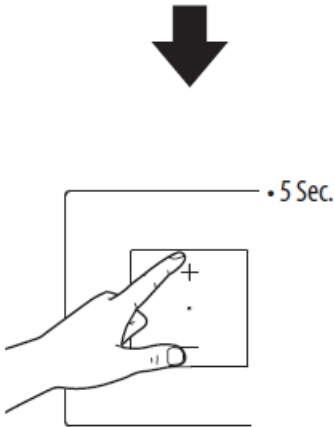
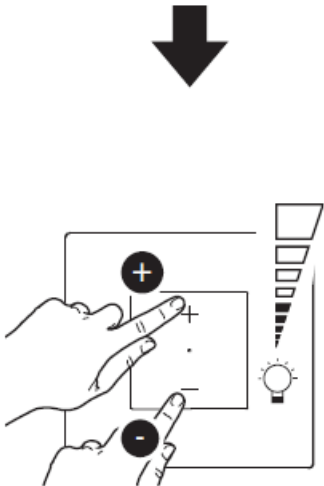
Adjustment of lighting thresholds – ● Green LED



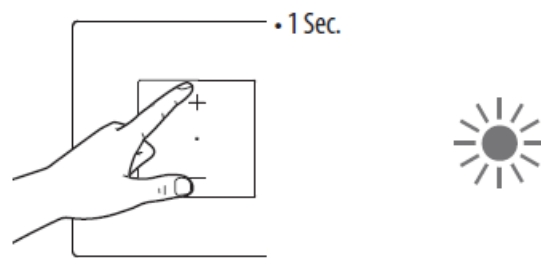
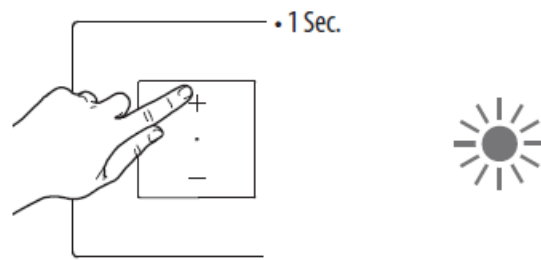
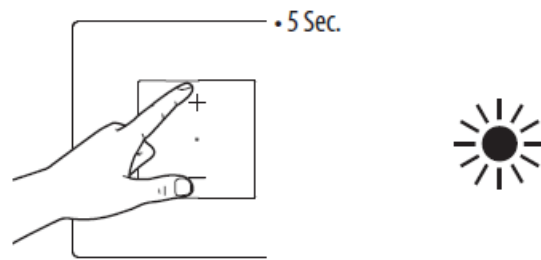
Lighting setting Max.



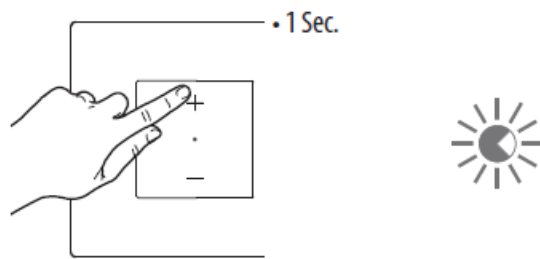
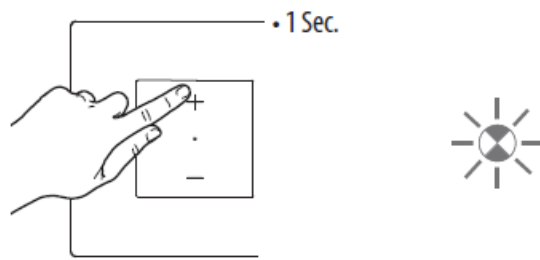
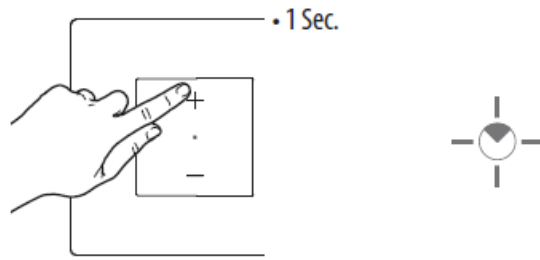
Lighting setting Min.



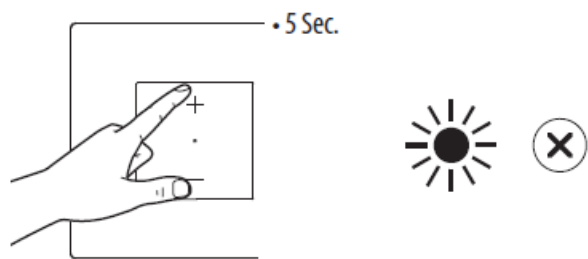
Save/Exit settings mode



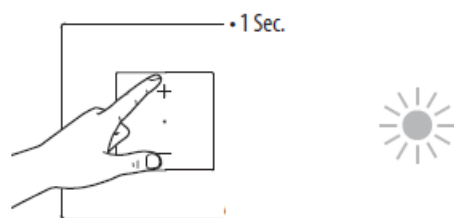
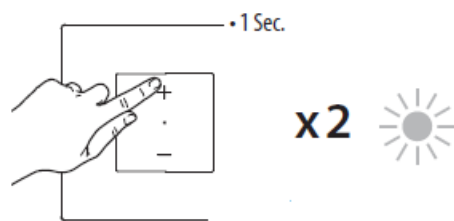
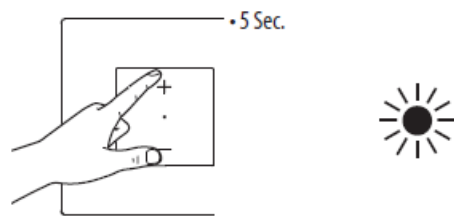
- Led off/Led on/Locator/Indicator mode – ● Blue LED
- LED off mode



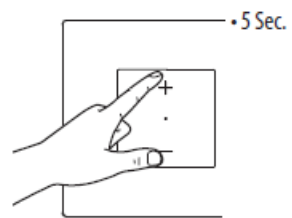
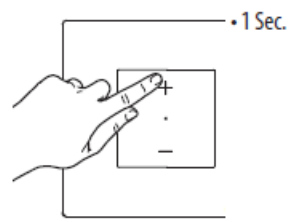
- LED on mode
- Locator mode
- Indicator mode



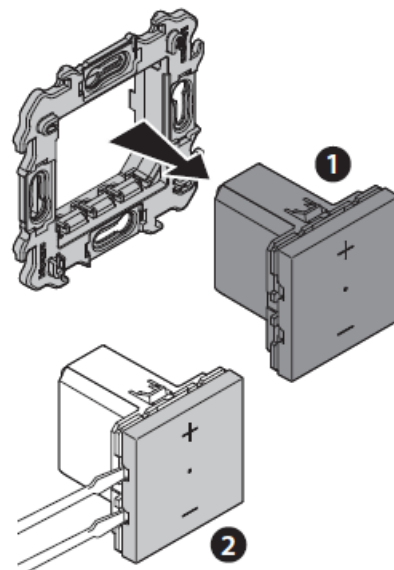
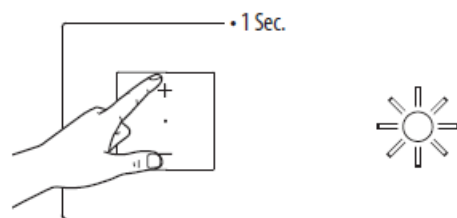
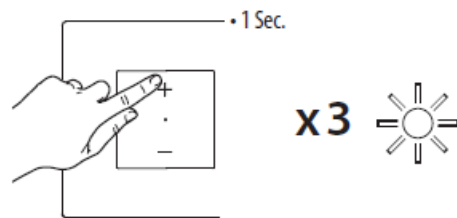
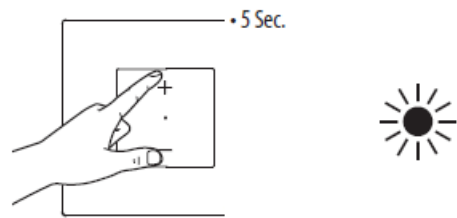
- Save/Exit settings mode
- Lighting state memory function – Orange LED



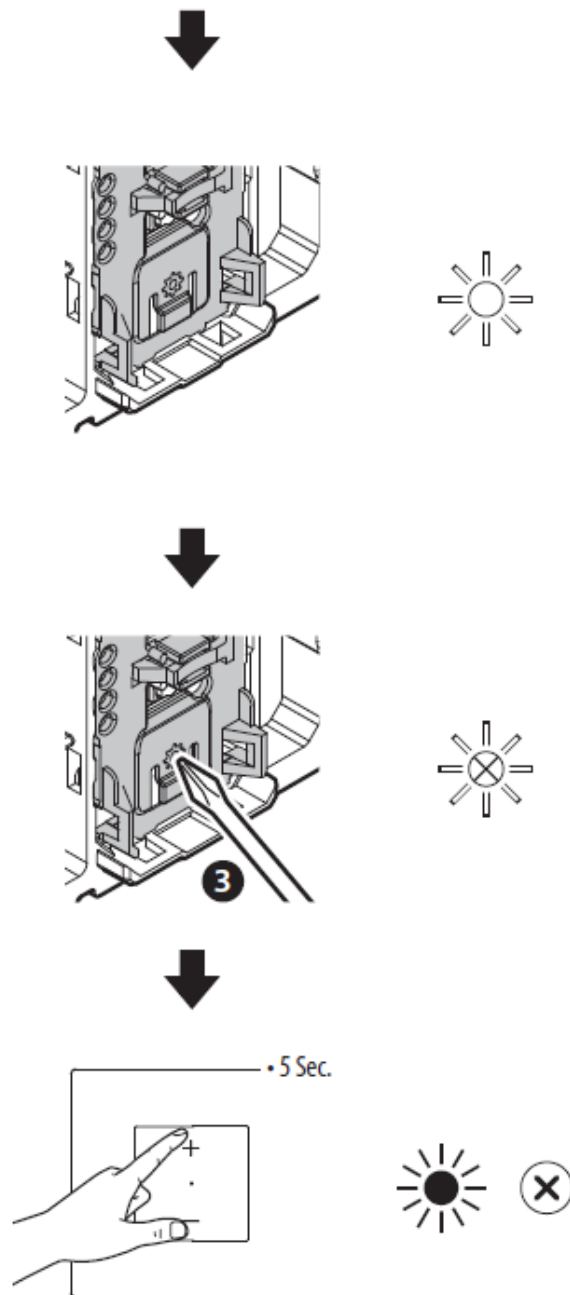
- Function enabled
- Function disabled



- Save/Exit settings mode
- Trailing / Leading mode – Pink LED
- Trailing – * Capacitive loads – Default value

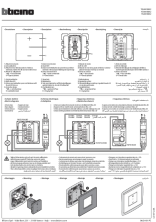


- Leading – Inductive loads
- Save/Exit settings mode



Warning: Loads with ferromagnetic transformers must only be used in “leading” mode. Risk of the product breaking.

Documents / Resources

	bticino YG4418M2 Universal Pushbutton Dimmer [pdf] Installation Guide YW4418M2, YD4418M2, YG4418M2, YG4418M2 Universal Pushbutton Dimmer, Universal Pushbutton Dimmer, Pushbutton Dimmer, Dimmer
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References

- [User Manual](#)

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