

M830rc X LRF 1.535nm

The Steiner M830 rc X LRF 1535nm is the newest generation of the popular LRF and is more of a revolution than an evolution with its new features and capabilities. With an integrated rangefinder that measures up to 10,000 metres, integrated compass and inclinometer, the M830rc X provides the precise location of the chosen object.

With connectivity to external devices, the LRF can be enhanced with additional information depending on the application, making it a high performance binocular perfect for any application.



The Bluetooth Transceiver provides new capabilities with compatible devices such as the Kestrel windmeter, Steiner IFS, Garmin watch, smartphone/tablet, etc.

GENERAL DESCRIPTION

- **Laser range finder** for distance measurement (up to 10.000 m)
- Non detectable **high-power laser** at 1.535 nm (eye-safe invisible laser according to EN and FDA class 1)
- **Most Compact & lightweight format** approx. 950 g
- **Very simple user operation** with two main buttons only
- **Compass measurement:** 6400 MIL or 360 degrees
- **Inclination measurement** +/-89°
- **Connectivity to external devices** via Bluetooth and/or cable connection (e.g.: STEINER M7Xi IFS, tablet / smartphone / computer via Steiner Connect App or software for remote operation, Kestrel, Garmin watch, ...)
- **GPS data to be received from external device**, e.g. Smartphone, Garmin watch (determination of own position + target coordinates)



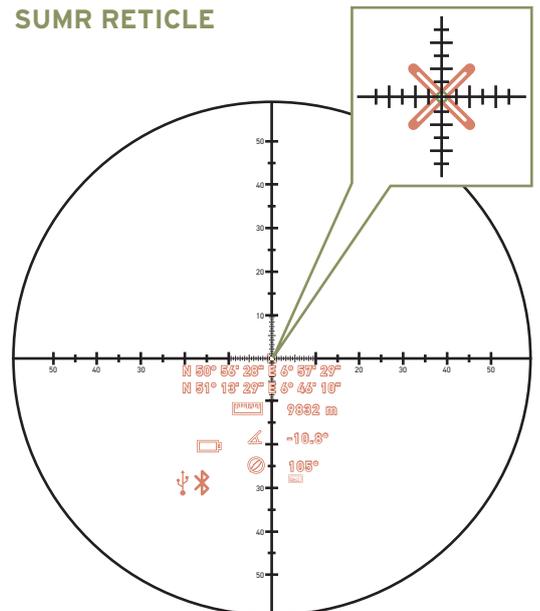
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SPECIFICATIONS

M-SERIES	M830rc X LRF 1535nm	
MAGNIFICATION	8x	
OBJECTIVE LENS DIAMETER [mm]	30	
FIELD OF VIEW @ 1.000 m [m/°]	114	6,5°
FOCUSING SYSTEM	Individual Eyepiece Focusing	
INTERPUPILLARY DISTANCE [mm]	56 - 74	
DIOPTRIC RANGE	+/- 5 dpt.	
EXIT PUPIL [mm]	3,75	
LASER WAVELENGTH	1.535 nm eye-safe invisible laser according to EN and FDA class 1	
LASER MEASUREMENT RANGE [m/yd] Accuracy (1σ): +/-5m	50 - 10.000 55 - 10.936	
COMPASS	Digital Display 360°/400 gon/6400 MIL	
RETICLE	Mil-Dot (SUMR)	
INCLINATION	+/- 89 degrees	
RUBBER ARMOURING	NBR Long Life	
WATERPROOF	Submersible to 5 m [16,4 ft]	
WEIGHT* [g / oz]	950	33.5
DIMENSIONS: HIGHT [mm / in]	131	5.15
WIDTH [mm / in]	170	6.69
DEPTH [mm / in]	75	2.95
OPERATING TEMPERATURE RANGE	-19°C to +49°C -4°F to +122°F	
STANDARD ACCESSORIES	<ul style="list-style-type: none"> - Neck Strap - Objective Cover - Rain Protection Cover - Tripod Mount (1/4" thread) 	
OPTIONAL ACCESSORIES	<ul style="list-style-type: none"> - Laser Protection Filter (LPF) - Anti-Reflection Device (ARD) - USB Adapter Cable - Bluetooth Transceiver 	
BATTERY	CR123A incl. low battery indicator	
ENVIRONMENTAL TESTS	Tests according to MIL-STD-810	
FURTHER FEATURES	<ul style="list-style-type: none"> - Objective Thread to attach ARD & LPF - Scan Mode - GPS position transferred from an external device can be used for measuring the target coordinates 	
ITEM NUMBER	2687	M830rc X LRF
	4001	Bluetooth Transceiver
	4002	USB Adapter Cable
	4240	ARD
Laser Protection Filter (LPF)	87000308	600 - 800nm
	87000309	800 - 1064nm
	87000310	600 - 1064nm



SUMR RETICLE



* w/ battery, w/o accessories

Information presented enclosed is subject to change as product enhancements are made regularly