



mm-Receiver METOR MTR-90

Next Generation. Next Revolution.

NEW

Novel Technology. Compact Size.
Ultimate Performance.



Original size



- Display 2x
- LED's
- 100 dBA
- High Speed
- Alterable On-Grade
- High Precision
- mm Indication
- Compact Size
- AA 1x
- > 45 h
- Neodym 2
- IP67
- 620-800 nm Wavelength
- Bluetooth

Premium Laser Receiver.
Made in Germany.

ANDROTEC
Laser Detection at its Best



Technical Data

Metor MTR-90R

Metor MTR-90RF

Useable Range (class 2 laser)	1 to 400m (radius, depending on laser and atmospheric conditions)	
Capture height	90mm asymmetrical (-30mm to +60mm)	
Numeric readout height	80mm asymmetrical (-25mm to +55mm)	
Alterable on-grade level	50mm asymmetrical (-10mm to +40mm)	
Reception angle (600 rpm, 2m)	Minimum $\pm 45^\circ$, typical $\pm 70^\circ$	
Detectable spectrum	620nm to 800nm (red, infrared)	
Measuring units	mm / cm / inch / fractional inch	
Deadband / Numeric resolution	0.5mm / 1mm / 2mm / 5mm / 10mm	0.1mm / 0.5mm / 1mm / 2mm / 5mm / 10mm
	0.02 in / 0.05 in / 0.1 in / 0.2 in / 0.5 in	
	1/8 in / 1/4 in / 1/2 in	
Linearity error (num. readout)	<0.5mm ^{*)}	
First strike detection	Yes	
Strobe light supression	Yes	
Laser source rotational speed	200rpm to 1200rpm	
Laser source beam size	4mm to 20mm (optimum measurement results)	
Radio module	No	Yes
Radio module compatibility ^{**)}	-	Metor mRF protocol, Bluetooth Smart Ready [®]
Radio link range	-	up to 230m (2m above ground, outdoors)
Backlight	No	Yes (optional, front display)
Beeper volumes	High (>95dBA, typ. 100dBA) / low (>75dBA) / off	
Automatic shutoff	After 30min without key stroke / laser reception	
Power supply	1 x AA Alkaline cell	
Battery life	>45 hours of operation (typical usage pattern)	
Magnets	2x Neodymium	
Protection class	IP67 (waterproof)	
Physical dimensions	135mm x 69mm x 25mm	
Weight without clamp	0,19kg (with battery)	
Operating temperature range	-20°C to +50°C	
Storage temperature range	-40°C to +70°C	

*) typical high quality laser, 1m to 50m, 0° angle of incidence, numeric readout within -20mm to +50mm

***) MTR-90RF supports the classic Metor mRF protocol, which assures full compatibility with MTR-125RF and its radio hard- and software accessories.

MTR-90RF is further compatible with Bluetooth Smart Ready[®] smartphones and tablets using Android™ 4.3 or later Android™ versions.

Development, production and distribution:

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Metor Remote Display App

The optional App serves for remote indication of the MTR-90RF readings on Android™ devices.

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