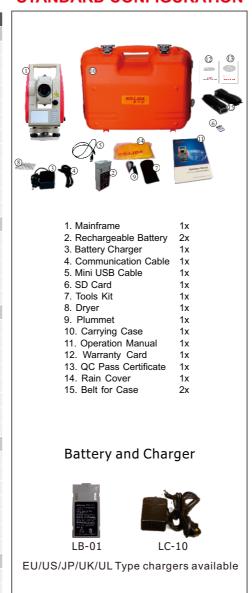
SPECIFICATIONS

Distance Measurement Max Range			_	KTS-472R10L	KTS-472R20L			
Max.Range	Distance Mea	surement						
Reflectorless Reflector				5.0km				
Reflector	azı.ı tarığı	0 1		1000m	2000m			
## ## ## ## ## ## ## ## ## ## ## ## ##								
Reflector Resolution Respective Resolution			raet	1.0.	411			
Reading				+(3+2nnn	n×D) mm			
Reading	Accuracy							
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Memory 128M DDR, 512M NAND Flash	Data Communication			RS232, Mini USB, SD Card				
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Temperature $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$		peration Time		10 hrs				
Tomporata.					1 = 2.10			
Dimension and Weight 200x190x350mm, 6.0kg								
	Dimension and Weight		200x190x350mm, 6.0kg					

STANDARD CONFIGURATION



COMPATIBLE ACCESSORIES





Solar Filter KF-20

Diagonal Eyepiece KDE20



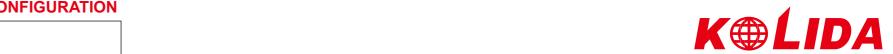


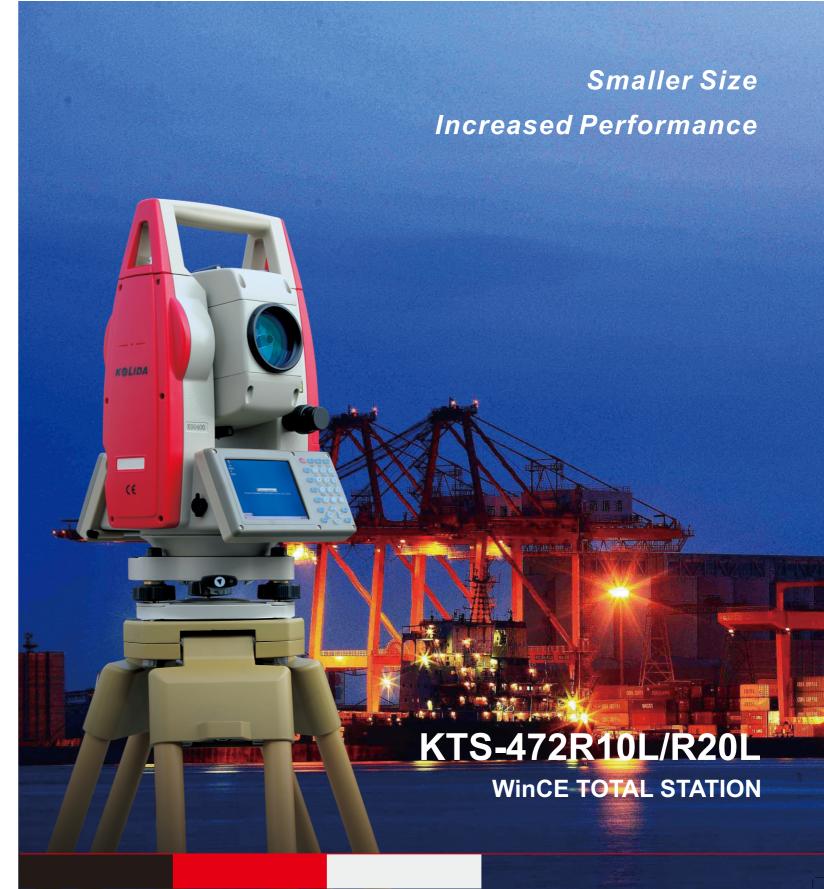
Plummet

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KTS-472R WinCE Total Stations

KOLIDA's new 470 Series Total stations New Advanced Design with Improved Technology

KTS-472R is designed to deliver the latest technology to surveyors worldwide, you will appreciate the technical improvement and advantages from the beginning of working with this equipment.

Featuring an ultra-powerful EDM, the KTS-472R is able to measure up to 1000/2000m without reflector at an incredible 3mm+2ppm accuracy, and in prism mode it is able to measure up to 5,000m with single prism.

Measurements are captured faster than ever: 0.1 second in tracking mode and 0.3 second in fine mode. The bright red laser dot pinpoints are also featured.

New Touch Screen and New Program

The 3.5 inch touch screen makes operation much easier. Its 640* 480 high resolution with true color highlighted quality highly improves the visibility under sunshine, and backlight function also provides more continence for night operation.

KOLIDA developed Mapping Genius and Engineering Genius as free mapping software for KTS-472R. Its Windows CE 6.0 operation system also supports Carlson SurvCE, MicroSurvey Field Genius and other third party software to provide a complete field-to-office solution for various demands of survey works.



Ultra-Powerful, Advanced EDM

- 1000/2000m Non-prism range
- 5000m prism range
- 0.1-0.3 second measurement time
- Coaxial red laser pointer
- Improved performance under foggy condition



Various Communication Interface

- USB Flash Disk (through OTG cable)
- Up to 32GB SD card storage
- Mini USB port
- · RS-232 serial port
- Environmentally protected



Windows CE 6.0 operation system

- KOLIDA Mapping Genius
- KOLIDA Engineering Genius
- Carlson SurvCE (optional)
- MicroSurvey Field Genius (optional)



Rugged, Waterproof Design

- Waterproof/ dust proof IP55 protection
- Atmosphere/ Temperature sensor
- · Stable angle accuracy
- · Alphanumeric keyboard with backlight

■ New Functionalities

Bluetooth

Bluetooth communication is available for KTS-472R. By the Bluetooth wireless link, you can easily connect your data collector with total station without cable. This technology brings total flexibility to you field operation.



WIFI

KTS-472R is equipped with WIFI module, and support WIFI function. You can easily surf the Internet and communicate with other mobile phones or computers with WIFI.











Carrier

Frequency



Noise Phase

Analysis





Display



Co-axial

Laser Beam

Wireless

Transfer









Sensor





USB

■ Abundant Software

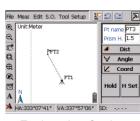
Mapping Genius

Mapping Genius is an integrated software for field data collection and mapping. With the advantages of laptop, data collector, PDA, it realizes the integration of indoor and outdoor works.

Engineering Genius

Engineering Genius is especially designed for construction measurement works. It brings user data collection/ calculation and mapping programs which can be applied in various works.





Mapping Genius

Engineering Genius

Carlson SurvCE (Optional)



MicroSurvey FieldGenius (Optional)



■ Comparison of KTS Series Total Stations

	442LLC	442R6LC	462R10L	472R		
Laser Type	Infrared Laser		Visible Laser			
Range	5,000m by 1 prism	600m non-prism 1000/2000m non-prism 5000m by 1 prism 5000m by 1 prism				
Laser Pointer	N/A	Yes				
Operation System		Windows CE 6.0				
Built-in Memory	2MB (240	00 points)	4MB (48000 points)	128MB DDR 512MB NandFlash		
SD Card	Up to 32GB					
Atmosphere/ Temperature Correction	Mar	nual	Automatic			
Bluetooth	N	/A	Optional	Yes		
Battery	2700	lmAH	3100mAH			





4-probe

Encoding























Pointing

Laser

Bluetooth

Ultra Fast

SD Storage

Interface