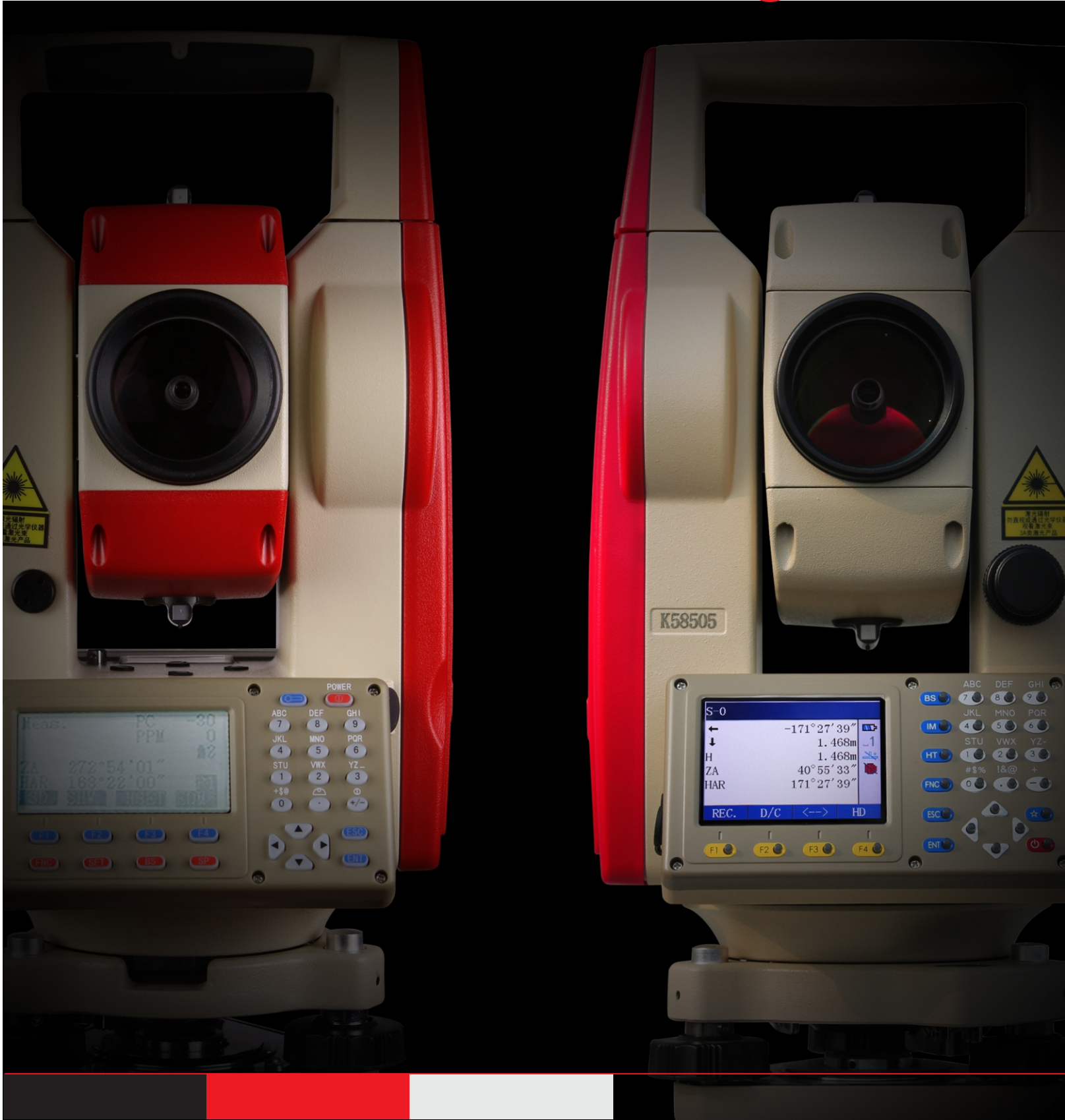


SPECIFICATIONS

	KTS-462R6LC		KTS-442R8LC	KTS-442LLC
Measuring Range				
1P	5.0km			
3P	8-10 km			
Mini prism	1200m			
Non prism	600m	1000	800	N/A
Digital Display	Maximum: 99999999.9999 Minimum: 0.1mm			
Accuracy	With prism: 2mm+2ppm, without prism 3mm+2ppm			With prism: 2mm+2ppm
Measuring Time	Tracking 0.1s, Fine 0.3s (optimal)			
Atmospheric Correction	Automatic Sensor	Automatic Correction by Inputting Parameter		
Prism Constant	Automatic Correction by Inputting Parameter			
Angle Measurement				
Measurement Method	Absolute Encoding			
Diameter of The Raster Disk	79mm			
Minimum Reading	1"/5" Optional			
Accuracy	2"			
Detection Method	Horizontal: Four		Vertical: Four	
Telescope				
Image	Erect			
Length	154mm			
Effective Aperture	45mm±(DTM±50mm)			
Magnification	30 X			
Field of View	1°30'			
Resolving Power	3'			
Minimum Focus	1m			
Compensation				
System	Dual axis liquid-electric			
Working Range	±3'			
Resolving Power	1'			
Sensitivity of Vials				
Plate Vial	30"±2mm			
Circular Vial	8"±2mm			
Laser Plummet	Yes			
Data Storage & Communication				
Internal Memory	4M /40000 points			
External Memory	SD card (up to 32G)			
Communication Port	Bluetooth	Bluetooth	RS-232, mini USB	
Display				
Type	Color screen display	Dual sides, 6 lines, black & white		
Battery				
Power Supply	Rechargeable battery (3100mAH)			
Voltage	7.4V DC			
Operation Time	10 hours			
Dimension & Weight				
Dimension	160mm~150mm~330mm			
Weight	5.7 kg			
Environmental Specification				
Dust/Water (IEC60529)	IP56			
Working Temperature Range	-20°~50°			
Humidity	95%, non-condensing			



Building Maste



GUANGDONG KOLIDA INSTRUMENT CO., LTD.
Add: 2/F, Surveying & Mapping Building (He Tian Building),NO.24-26, Ke Yun Road, Guangzhou 510665, China
Tel: +86-20-85542075 Fax: +86-20-85542136
E-mail: export@kolidainstrument.com http://www.kolidainstrument.com

Building Master



600m reflectorless/5km by prism/2"Angle Accuracy/Dual Axis Compensation/Absolute Encoding/SD card/Mini USB/B

The KOLIDA Building Master Series is available in three models: the 442LLC with infrared Laser (measures 5000m with prism), the 442R6LC with reflectorless laser (600m with non-prism) and the 462R6LC with color screen display and Bluetooth. All three models are ideal for construction survey projects such as bridge, road, building, tunnel, as well as topographic survey and cadastre survey. You can choose the best configuration according to your mission type or budget limit.

The release of the first generation Building Master is 3 years earlier than Apple introduced the first IPHONE. Every year 11,000 customers choose to purchase Building Master series. Building Master 442 is used to be the first Absolute Encoding total station and the first non-prism

**The high-
performance total station
with great reliability
flexibility and economy**

Measurement total station in China. From two-CCD-detector to four-CCD-detector angle system, from 100m to 600m reflectorless range, from sleeve type axis to concentrated ball-bearing axis, KOLIDA's technology innovation never stops.

All the Building Master are powered by China's best laser range-finding technology (0.1s/0.3s in tracking/Fine mode) and classical Sokkia-style measuring program. In the last 6 years, Building Master has been continuously appointed as the official total station of China's National Surveying Skill Contest of Vocational Colleges. You can apply it to all kinds of teaching and training. KOLIDA is happy to provide special offer to education community worldwide.

