

# The new VERTEX IV

## Improving Perfection to your Favourite Height Measurer!

No height measurer has become so appreciated among field operators as the Vertex instrument. The new Vertex IV has improved functionality, audible beep signal and built-in Bluetooth.

### The Vertex IV – the Classic Instrument with Added Functions!

- Reinforced Display & Aluminium Housing
- Improved Firmware
- Audible Beep Signal for Measuring Results
- Built-in Bluetooth for Result Transfer
- Sealed Electronics
- Low Battery Consumption
- Ultrasound is perfect in dense terrain
- Proven Accurate & Reliable Technique
- Multi-language Users Guide and useful tips on-line
- Fabrication Warranty and low-cost serviceability after warranty expiration
- Proven reliable, reference users worldwide



Our number one best seller for the accurate height, distance and horizontal distance measuring you need in the field! The Vertex also acquires accurate readings in thick undergrowth and measures an unlimited number of heights per object from any distance up to 30 meters/ yds or longer.

Small and robust, the Vertex IV has aluminium housing, sealed electronics and a large, easy-to-read alphanumerical display. A built-in tilt sensor allow for exact height measuring in slopes or on hills. Easy calibration and built-in infrared or Bluetooth® transmitter for direct transfer of measuring results for external storage and processing (computer caliper, field computer).

The Vertex uses ultrasound to measure distances. Unlike, for example, measuring tapes and laser instruments, ultrasound can be used also when there is no clear sight to the reference point. The ultrasound chooses the shortest way around any obstacle such as brush and stems.

Heights are calculated trigonometrically using the variables contained when measuring angle and distance. The Vertex automatically assumes that the measuring object is perpendicularly positioned to the ground.

**The Transponder T3** is used together with the Vertex Instrument, the Vertex Laser or the DME. The T3 is water resistant, rugged and has a simple construction in a bright, visible colour. Works with one AA battery.

Easily attach to belt with clip holster. Pin transponder directly on the tree stem or fasten with adapter on the light weight plot staff for circular measuring.

”Bluetooth for Improved Transfer of Results

# VERTEX IV

## Feature Overview

### Technical Specification

#### VERTEX IV

Size:	80 x 50 x 30 mm / 3,2x2x1,2 Inch
Weight:	160 g / 5,6 oz (incl. battery)
Battery:	1 x 1,5 AA alkaline, Current 20mA with Bluetooth 150mA
Temperature:	Min -15° Max 45° C / Min 5 Max 113 F
Wireless interface:	Bluetooth 1.x or IR
Signal:	Built-in loud speaker
Ultra sonic frequency:	25 kHz

#### MEASUREMENT SPECIFICATIONS

Height:	Min 0 Max 999 m/Yds <b>Resolution:</b> 0,1 m/ 0,1 ft
Angles:	-55° to 85° grads / -60° to 94° <b>Resolution:</b> 0,1°
Distance:	30 m / 98 ft or better with 360° adapter 20 m / 60 ft or better. <b>Resolution:</b> 0.01 m/ 0,1 ft <b>Accuracy:</b> 1% or better
BAF factors:	0.5, 1 to 9 (m <sup>2</sup> /ha) or 5, 10, 15..to 50 (ft <sup>2</sup> /acre)

#### TRANSPONDER T3

Size:	Diameter 70 mm/2,8"
Weight:	85 g/5 oz (Incl. Battery)
Battery:	1,5V AA alkaline
Consumption:	max 9mW



### Ordering Information

15-105-1008 VERTEX IV, 360 adapter, transponder T3 & C-pin



15-105-1009 VERTEX IV & transponder T3



15-105-1010 VERTEX IV measuring unit



15-104-1004 T3 Transponder



15-104-1002 Plot Center Staff



15-104-1001 Adapter 360 degrees



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