

The MD II Mantax Digitech II®



- Bluetooth caliper for efficient data capture.
- Communicates with PC, handhelds, SmartPhones, Tablets.
- Edit and input names for up to 100 different tree species.
- Classic menu icons for intuitive interpretation and use.
- Application available for PC communication with stand tables, lists and classifications.
- Custom SmartPhone app for in-field wireless data transfer.
- Rugged, dependable and completely field adapted with patented and certified technology.
- Moisture and dirt protected electronics and display.
- Designed to improve accuracy and add value to investments in corporate management systems and field computers.
- Haglöf Sweden® Quality Craftsmanship - experience and know-how in every detail.



The Mantax Digitech® II - **MD II** - is a caliper hybrid, designed for efficient field data collection and wireless Bluetooth® communication. The MD II is lightweight, rugged and fully field adapted and offers great user advantages. With icon-based menu and possibility to name your tree species, the MD II caliper is easy to operate.

The MD II caliper is designed for speedy collection and storage of field data. Many thousands of individual trees with details on **species, diameters and heights** can be stored in the secure memory. Adjustable settings allow for great alignment with your regular work mode. Data fields can be activated or moved for improved adaptability for the individual operator. The small but rugged MD II computer terminal (less than 140 g) can be detached from the measuring scale and conveniently carried in your pocket when bringing captured field data indoors for download to PC with USB communication cable.

Data can also be sent to handheld computers and **Android mobiles or tablets**. The communication is enabled through built-in Bluetooth®. The MD II can also be used as a **virtual keyboard** to send wireless data to spreadsheets, mail or SMS.

The MD II Com PC communication program from Haglöf Sweden® offers another option with extended processing and reporting of your field measurement data. Define your tree species, cruising method and data interpretation from MD II in MD II Com.

Field data can be added to an object, and the program enables both complete cruising and sample plot survey. Data can be exported to Excel as a tab-separated txt-file or printed out as a list of trees in 1-, 2- or 4-cm classes with appurtenant sample trees and plot sample data.

You can also choose to have the MD II send continuous field data with Bluetooth to the custom **MD II Com App for Android**. Data is saved in XML format and can be shared over email, Google Drive, Dropbox or other.



The MD II computer is rugged and field adapted. Communication and data transfer to external devices is convenient and made with USB cable and Bluetooth®.



The MD II Com app works with Android smartphones and tablets.

Quick Guide MD II



Detachable computer terminal on right-hand side	✓
Bright orange color glassfiber-filled computer housing with reinforced metal chassis	✓
Scale graduation options metric and inch	✓
Scale length options	✓
Patented foldable jaws with slim design for increased accessibility and reach	✓
Mechanical enterbutton on movable handle for comfortable use and less tiring work	✓
Multifunction 5-button keypad	✓
USB charging	✓
Visible and rugged display with high visibility also in dark and dusk light conditions	✓
USB communication	✓
Rechargeable Li-Ion batteries computer + scale	✓
Low energy consumption, + one week per charge	✓
Bluetooth® built-in	✓
IR receiver / compatibility with Vertex IV, Vertex Laser VL5, Laser L5	✓
Large memory capacity/internal data storage	✓
Field data capture on tree diameters, tree species, tree heights	✓
PC communication program for reports and printout	✓ Optional/license fee
Mobile app communication program for Android tablets and Smartphones	✓
Temperature, water & climate safe	✓
Tested & certified by independent institutions/organizations	✓
Product warranty and extended service and support possibilities	✓
Customization possibilities	✓



The MD II caliper is adapted for efficient field measurement work. Register diameters, input tree species and send tree heights with IR from the Vertex IV or VL5 instruments. Collect all data in the non-volatile internal memory or transfer online with Bluetooth® to handheld computer, tablet or mobile phone.



Tree heights are best measured with the well-known and proven reliable hysometers Vertex IV or VL5 instrument. Transfer your height data with built-in IR to the MD II. For details and on these and other Haglöf Sweden professional measurement instruments and solutions: haglofsweden.com. Contact us for your most efficient and updated measurement solution - ever!



The VL5 instrument package from Haglöf Sweden - world-leading manufacturers of forest precision measurement instruments.

TECHNICAL SPECIFICATION MD II

Memory capacity:	>10 000 registers
Processor:	Low power 32 bit Arm based processor.
Temperature:	Min -20° Max 60°C / Min -4° Max 140° F.
Battery:	Battery: Rechargeable Li-ion (1ea terminal +1 ea SmartScale, USB-interface charge. Consumption: One week/charge.
Buttons:	Execution Enter + Enter on SmartScale handle Navigation 4 arrow keys. Quick commands: Display light Turn off, Escape and Vertex/VL5 height input.
Measuring system:	500mm; 600mm, 650mm; 800mm; 950mm; 1000mm. 18"; 24"; 30"; 36". For detailed specification on the SmartScale, see separate leaflet.
Measuring range:	From 500mm/18" to 1000mm/36" (standard).
Weight:	Caliper and terminal: <1kg/2.20 lbs (500mm/18" standard). MD II Terminal only: 150g/6oz.
Display:	Graphic, 128 x 64 pixels backlit, graphic interface.
Communication:	USB 2.0 MSD; Bluetooth® (SPP, OPP) Keyboard, Vertex/VL5 IR receiver
Signal:	Built-in loudspeaker.
Classification:	P67 Moist/dust resistant, CE, FCC

MD II 14-430-3001--3006

MD II digital caliper in selected length/graduation (500mm, 600mm, 650mm; 800mm, 950mm, 1000mm; 18", 24", 30", 36". Aluminum safety case, USB cable, USB adapter, USB car adapter. 14-101-1007 MD II Com PC Communication program for PC MD II Com App for Android tablet/SmartPhone: Download from Google® Play.