

## Portable Measuring Equipment

### Speech-empowered and Remote-controlled via Internet

#### WTT Multi-Function Scope

The new WTT MultiScope 22-320 is based on a multi-functional concept, which means that functionally different modules can be plugged into a master unit. The stand-alone handheld master includes a 64x128 Dot-Matrix backlighted 2.7" LCD and functions keys. It is battery powered and has a serial opto-isolated communication line which may be connected to the Xybernaut Mobile Assistant IV or any Windows 95/98/NT compatible PC. By simply plugging a specific module into the master, the MultiScope turns into an Oscilloscope, Logic Analyzer, Frequency Counter, Bit Pattern Generator, Functional Generator, Spectrum Analyzer, Multi Meter or any kind of customized test equipment. The Master Unit uses the LCD either to display waveforms collected from a device under test, or to display selected parameters. The intelligent power management gets its power from six "AA"-size batteries or from an external power supply. 25 function keys control the master unit efficiently and easy to use.

A two channel 20MSa/s Oscilloscope 22-321 is the first module available. The A/D-Converters are 8 Bit resolved and have a true analog bandwidth of 50MHz. A galvanical isolation between both channels and between Master Unit and Module secures efficiently the handling of the Oscilloscope in measuring voltage up to 600V. The oscilloscope module is UL and FCC certified and meets CE and IEC1010 requirements. The Master will be delivered in a comfortable carry case, with rubber protection boot, serial PC-Cable and External Power Supply. The Oscilloscope Module will be delivered with two Probes, Software and Operator's Manual in English, German, French, Spanish or Chinese.



#### Applications:

Digital and analog hardware measurements and analysis in laboratories, in the field or at home.

These are performed and controlled at premises or remote via internet and include on the spot or long term measurement efforts. These activities can be covered efficiently by combining the WTT Multi Function Scope with Xybernaut's wearable computer MA-IV. By adding speech controlled operation the WTT Multi Function Scope via Xybernaut's MA-IV, offers a new dimension of usability and applicability in environments where hands free operation and full freedom of movement is a requirement. This applies specifically to maintenance, repair and training at premises of equipment and machinery benefiting from speech activated activities with tools and collaborative support via remote competence centers and experts. This way of operation allows for fast problem identification, efficient and error free repair as well as qualified support and training, which improves customer satisfaction and ROI.