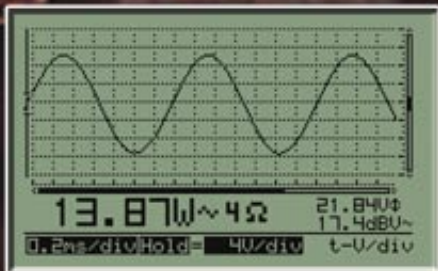
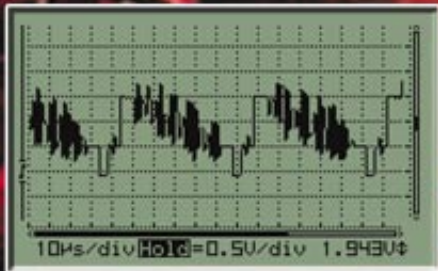
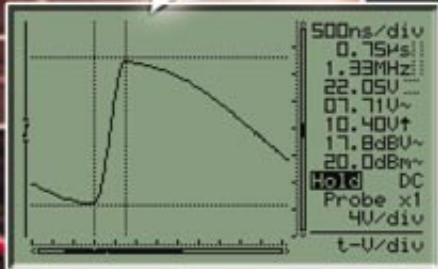


HPS40

PERSONAL SCOPE

up to **40MHz** sampling rate

Our goal with the HPS40 was to develop a user-friendly, feature-packed and genuinely "hand-held" oscilloscope. A number of characteristics were on our wish list: low noise, high sensitivity, modest weight, a backlit LCD and a choice between regular batteries or rechargeable ones. Furthermore, the scope also offers a selection of 5 different screen layouts. Both novices and professional users will admire the fast and fully automatic setup function, allowing them to perform measurements without physically touching the unit! Floating measurements are completely safe thanks to the battery-powered operation and the (included) fully insulated measuring probe. These features make the HPS40 indispensable to the professional user, service centres and even to the hobbyist.



LCD backlight

- 0,1 mV sensitivity
- 5mV to 20V/div in 12 steps
- 50ns to 1hour/div time base in 34 steps
- Full auto set up
- Adjustable trigger level
- X and Y position signal shift
- +27 DVM readout
- Audio power calculation (rms and peak) in 2, 4, 8, 16 & 32 ohm
- dBm, dBV, DC, rms ...measurements
- Signal markers for Volt and Time
- Frequency readout (through markers)
- Recorder function (roll mode)
- Signal storage (2 memories)
- High resolution LCD 192x112 pixels
- Data or bitmap download to PC

optically isolated RS232 output for PC

up to **12MHz** analog bandwidth



MODE	Aut., OFF	Dim.	DPL	SEND
Auto	15 min	OFF	7	RS232
Auto	Never	On	7	Binary
Auto				

RS232C Communication settings

Baudrate:	57600	Data bits:	8
Parity:	none	Stop bits:	1
Flow control:	none		

EASY SET UP MENUS note the direct power calculation for audio loads

CONTAINS

- ✓ HPS40 unit
- ✓ Users manual
- ✓ Flexible carry protection holster
- ✓ Insulated, safety probe
- ✓ RS232 connection lead (to DB9)
- ✓ Handy hard protection carry case

OPTION

- ✓ mains adaptor PS905
- ✓ PS905USA for USA

Readout-1	U _r	U _p	U _{rms}	U _{avg}	dBm	dBV	dBm	dBV
U _r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U _p	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U _{rms}	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U _{avg}	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dBm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dBV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

U _r	U _p	U _{rms}	U _{avg}	dBm	dBV	dBm	dBV
07.71V	22.00V	0.75µs	1.33MHz	17.8dBV	20.0dBm	0.75µs	1.33MHz

SOFTWARE free download from our website

www.velleman.be

See the residual noise on 5 to 10 times higher priced competition

HPS40 impressive low noise, even on highest sensitivity

Screens and data can be transferred to a computer, through an optical isolated RS232 port. Even instant screen shots can be taken, while measuring! Two memories, signal markers, X+Y position shift and adjustable trigger level, make this scope complete. A roll/recorder function is also provided to make long time recordings, like power monitoring or battery charge/discharge curves.

