

Contents of the shipping box



Vangskroken 2
N-1251 RUD
Norway
Tel: +47 6717 4500
Fax: +47 6713 6770
Inquiry@nortek-as.com
www.nortek.no

Nortek order no:

4012-1-1-83

Type of system:

SIGNATURE 700

Instrument type:

- | | | | | |
|--|---|--|---------------------------------------|--|
| <input type="checkbox"/> Aquadopp | <input type="checkbox"/> Aquadopp 6000m | <input type="checkbox"/> Vector | <input type="checkbox"/> Signature55 | <input type="checkbox"/> Signature1000 |
| <input type="checkbox"/> Aquadopp profiler | <input type="checkbox"/> AWAC | <input type="checkbox"/> Vectrino | <input type="checkbox"/> Signature250 | <input type="checkbox"/> NortekDVL |
| <input type="checkbox"/> Aquadopp 3000m | <input type="checkbox"/> VM AWAC | <input type="checkbox"/> Vectrino profiler | <input type="checkbox"/> Signature500 | |

Software version:

SIGNATURE
DEPLOYMENT

Firmware version:

1.4.4792.2206_18/165

Other:

Cable:

☒ 10m length

☐ Other:

Connector:

☐ 8-pin Inline

☐ 12-pin UW

☐ 6-pin Inline

☐ 7-pin Souriau

☐ Other:

Communication:

☐ RS232

☒ Ethernet

☐ RS422

☐ Other:

Options:

☐ Analog input

☐ Synch

☐ Analog output

☐ Other:

Battery cannister:

☐ Paradopp battery cannister

☐ Single battery aluminium cannister

☐ Double battery aluminium cannister

Battery cables:

☐ 2pin Inline-2pin

☐ 8pin Inline-2pin

☐ 8pin rectangular-2pin

Accessories:

☒ Toolkit

☐ Quick guide

☐ Warranty card

☒ Final test checklist

☐ Seeding material

☐ USB to serial converter RS232

☐ Altronix AL310 USB driver

☐ Recorder Kit/ProLog

☐ Battery harness for 2 batteries

Batteries:

☐ Alkaline 50Wh 13.5V

☐ Alkaline 100Wh 13.5V

☐ Alkaline 540Wh 13.5V

☐ Alkaline 540Wh 18V

☐ Alkaline 90Wh 15V (Signature1000)

☐ Alkaline 180Wh 18V (Signature500)

Extra set:

AC/DC Power supply

☐ 15V standard

☐ 48V Signature55
Online

☐ 24V Vectrino

Plug

☒ 24V DC/DC &
Signature

☐ EU

☐ UK

☒ US

Other:

MIDAS SOFTWARE

Date:

05.07.2018

Responsible:

Tarja Vula

Final test checklist AD2CP

Order number:
40112-1-1-83

Name: **Signature 100**
Instrument serial number: **100763**
Frequency: **100KHz** Main board: **AD2CP-1253**
Firmware versions: **1.4.4792.2206-18/165**



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Label checked ☒ OK
Dock test ☒ OK
Baudrate 115200 ☒ OK

Comments:

Tilt check
☒ Pitch up
☒ Roll up
☒ Status bit
☒ Pitch down
☒ Roll down
pitch & roll within +/- 0.2 °

Clock
☒ Set clock
Heading
☒ Up
☒ Down
tolerance: +/- 2 °

Pressure
Psenstemp ☒ OK
tolerance: +/- 0.1 % of
1500 m
Diagram showing pressure sensor at 100m and 101m depth.

Temperature
☒ OK
tolerance: +/- 0.1 °

Beam check

Correct order	Beam Imp	Noise floor	Amplitude in tank	Range
Beam 1 <input checked="" type="checkbox"/> OK	68 Ω	25 dB	>80 dB	<input checked="" type="checkbox"/> OK
Beam 2 <input checked="" type="checkbox"/> OK	67 Ω	25 dB	>80 dB	<input checked="" type="checkbox"/> OK
Beam 3 <input checked="" type="checkbox"/> OK	67 Ω	25 dB	>80 dB	<input checked="" type="checkbox"/> OK
Beam 4 <input checked="" type="checkbox"/> OK	66 Ω	25 dB	>80 dB	<input checked="" type="checkbox"/> OK
Beam 5 <input checked="" type="checkbox"/> OK	315 Ω	25 dB	>80 dB	<input checked="" type="checkbox"/> OK

Velocity direction *To heavy to Verify*
XYZ coordinate system *Matrix correct*
ENU coordinate system
X ☐ OK E ☐ OK
Y ☐ OK N ☐ OK
Z ☐ OK U ☐ OK
Zz ☐ OK Uz ☐ OK

Head file
☒ Headfile checked
☒ Saved as read only

Serial communication
☐ RS422
☐ RS232

Recorder erased
☒ OK
Rec size: **128GB**

Ethernet
MAC address: **8C:68:78:00:04:E5**
Static IP address:
Set host name: **100763**
DHCP enabled ☒
FTP OK ☒

Licenses
Averaging mode ☒ Wave mode ☐ Vertical velocity ☐ 64GB recorder ☐ Calibration license erased ☒
Burst Five beams ☐ Echo Sounder ☒ Dual frequency low ☐ 128GB recorder ☒ Production license erased ☒
Bottom track ☐ Ice Measurement ☐ Dual frequency high ☐ 256GB recorder ☐ Default configuration set ☒
High Resolution ☐ Altimeter ☐ 16GB recorder ☐

Cable/Harness
Cable: Communication ☒ Battery ☒
Harness: Communication ☒ Battery ☒

Electrical isolation test
50V Ok ☒

External sensors

Power down
☒ OK

Date
Day **02** Month **07** Year **18**
Signature
Signature

