

Contents of the shipping box



Vangbrosken 2
N-1351 RUD
Norway
Tel: +47 6717 4500
Fax: +47 6713 6770
Inquiry@nortek-as.com
www.nortek.no

Nortek order no:

40112-1-1-89

Type of system:

SIGNATURE 100

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:

1.44792.2206-8/16

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:

- | | | |
|-----------------------------------------|---------------------|--------------------------|
| <input type="checkbox"/> Alkaline 50Wh | 13.5V | <input type="checkbox"/> |
| <input type="checkbox"/> Alkaline 100Wh | 13.5V | <input type="checkbox"/> |
| <input type="checkbox"/> Alkaline 540Wh | 13.5V | <input type="checkbox"/> |
| <input type="checkbox"/> Alkaline 540Wh | 18V | <input type="checkbox"/> |
| <input type="checkbox"/> Alkaline 90Wh | 15V (Signature1000) | <input type="checkbox"/> |
| <input type="checkbox"/> Alkaline 180Wh | 18V (Signature500) | <input type="checkbox"/> |

Extra set:

AC/DC Power supply

☐ 15V standard

☐ 48V Signature55
Online

☐ 24V Vectrino

☒ 24V DC/DC &
Signature

☐ EU

Plug

☐ UK

☒ US

Other:

MIDAS SOFTWARE

Date:

05.07.2018

Responsible:

Tarjei Ueland

Final test checklist AD2CP



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Order number: 40112-1-1-84	Name: Signature 100
Instrument serial number: 100766	Frequency: 100KHz
Main board: AD2CP-1260	Firmware versions: 1.4.4792.2206-18 / 165

Label checked	<input checked="" type="checkbox"/> OK
Dock test	<input checked="" type="checkbox"/> OK
Baudrate 115200	<input checked="" type="checkbox"/> OK

Comments:

Tilt check
<input checked="" type="checkbox"/> Pitch up
<input checked="" type="checkbox"/> Roll up
<input checked="" type="checkbox"/> Status bit
<input checked="" type="checkbox"/> Pitch down
<input checked="" type="checkbox"/> Roll down
pitch & roll within +/- 0.2 °

Clock
<input checked="" type="checkbox"/> Set clock
Heading
<input checked="" type="checkbox"/> Up
<input checked="" type="checkbox"/> Down
tolerance: +/- 2 °

Pressure
Psensortemp
<input checked="" type="checkbox"/> OK
tolerance: +/- 0.1 % of
1500 m

Temperature
<input checked="" type="checkbox"/> OK
tolerance: +/- 0.1 °

Correct order	Beam Imp	Noise floor	Amplitude in tank	Range
Beam 1	<input checked="" type="checkbox"/> OK	69 Ω	25 dB	> 80 dB
Beam 2	<input checked="" type="checkbox"/> OK	68 Ω	25 dB	> 80 dB
Beam 3	<input checked="" type="checkbox"/> OK	68 Ω	25 dB	> 80 dB
Beam 4	<input checked="" type="checkbox"/> OK	68 Ω	25 dB	> 80 dB
Beam 5	<input checked="" type="checkbox"/> OK	367 Ω	25 dB	> 80 dB

Velocity direction	To heavy to Verify.
XYZ coordinate system	ENU coordinate system
X <input type="checkbox"/> OK	E <input type="checkbox"/> OK
Y <input type="checkbox"/> OK	N <input type="checkbox"/> OK
Z <input type="checkbox"/> OK	U <input type="checkbox"/> OK
Z ₂ <input type="checkbox"/> OK	U ₂ <input type="checkbox"/> OK

Head file
<input checked="" type="checkbox"/> Headfile checked
<input checked="" type="checkbox"/> Saved as read only

Serial communication
<input type="checkbox"/> RS422
<input type="checkbox"/> RS232

Recorder erased
<input checked="" type="checkbox"/> OK
Rec size: 128GB

Ethernet
MAC address: 8C:68:78:00:04:EC
Static IP address:
Set host name: 100766
DHCP enabled <input checked="" type="checkbox"/>
FTP OK <input checked="" type="checkbox"/>

Licenses				
Averaging mode <input checked="" type="checkbox"/>	Wave mode <input type="checkbox"/>	Vertical velocity <input type="checkbox"/>	64GB recorder <input type="checkbox"/>	Calibration license erased <input checked="" type="checkbox"/>
Burst Five beams <input type="checkbox"/>	Echo Sounder <input checked="" type="checkbox"/>	Dual frequency low <input type="checkbox"/>	128GB recorder <input checked="" type="checkbox"/>	Production license erased <input checked="" type="checkbox"/>
Bottom track <input type="checkbox"/>	Ice Measurement <input type="checkbox"/>	Dual frequency high <input type="checkbox"/>	256GB recorder <input type="checkbox"/>	Default configuration set <input checked="" type="checkbox"/>
High Resolution <input type="checkbox"/>	Altimeter <input type="checkbox"/>	16GB recorder <input type="checkbox"/>		

Cable/Harness	
Communication <input checked="" type="checkbox"/>	Communication <input checked="" type="checkbox"/>
Battery <input checked="" type="checkbox"/>	Battery <input checked="" type="checkbox"/>

Electrical isolation test
50V OK <input checked="" type="checkbox"/>

External sensors

Power down
<input checked="" type="checkbox"/> OK

Date
Day 02 Month 07 Year 18
Signature

