



# SPAA05.com<sup>®</sup>

Antenna alignment solutions for professionals

## SPAA05-NEX *All-In-One Antenna Alignment Tool*



Antenna aligning has never been easier. The **SPAA05-NEX** is *the* tool for antenna optimization. The tool is easy to mount and features reliable and smart measuring software.

The GPS module on board gives a very accurate azimuth (up to 0.5° accuracy), which it communicates to our PDA software. With our software, you can read out antenna heading, measure and save results. Our special encryption tool gives you the ability to prove that the measurements are authentic.

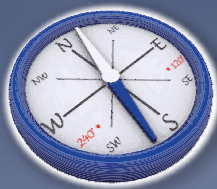
### SPAA05-NEX key features:

Easy to mount, with an on-board GPS system and easy-to-use measuring software.

Real-time measuring of antenna bearing, with an accuracy of up to 0.5° rms, within 2 minutes after switching on the system.

Doesn't suffer from interference from neighbouring antennas.

Compatible with a wide range of our accessories, like our antenna tiltsensor.



## SPAA05-NEX Technical specifications

### GPS Receiver

24 channel DIFF/DGPS GPS receiver with WAAS

### Accuracy

Heading: 0.5° rms  
Position: 0.6 m rms  
Altitude/Height: 2.0 m msl

### Battery

Type: NiMh 8.4V 2700mAh  
Life: 8 hrs  
Charge time: 4 hrs

### Mechanics

Dimensions: length 0.90 m / 1.80 m\*  
width 0.13 m  
height 0.07 m

Weight: 2.30 kg\*\*

Indicators: Power, heading, differential,  
on-board receiver 1 and 2

### Communications

9p comport on 38400 baud UART  
Bluetooth™ internal long range class 1  
RDS 1/2/3 comport  
Remote tilt sensor port (proprietary)

### Environmental

Operating temperature: -10°C to 50°C (14°F to 122°F)  
Storage temperature: -40°C to 85°C (-40°F to 185°F)  
Humidity: 95% non-condensing

### System output data\*\*\*

Site information (Name, location, etc.), cell and sector ID, bearing, (True/Grid North, measured and difference), date and time, longitude and latitude, antenna hardware information, SPAA05 hardware and software information

### Parts

- AB-ST2 integrated telescopic boom with 2 GPS antennas and GPS system
- AC-E1 universal antenna bracket
- OOD-K1 keycord with on/off dongle
- Safety lanyard (3m)
- 12/110/220V charger with exchangeable EU/UK/USA plugs

\* contracted / extended

\*\* 3.10 kg with AC-E1 clamp

\*\*\* among other

