



SPAA05.com

REMOTE DISPLAY MANUAL

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REMOTE DISPLAY SYSTEM

The SPAA05 Remote Display System, or RDS, is a device that can be used with the SPAA05 NEX or NEX2 as an add-on system. The device can display heading real-time without the need to use the PDA software. Even though the RDS does not enable you to take measurements, it is ideal for quickly checking and monitoring the heading.

FUNCTIONALITY

1. DISPLAY

The RDS will show the heading measured by the SPAA05-NEX tool. It also shows Grid or True North and current time and date.



The RDS displaying heading information

The screen can also show the tilt when using a tilt accessory. This can be done with the RAMIS software.

2. CONNECTIVITY

The RDS comes in three versions, with the same functionality. The RDS 1 can only connect via cable to the SPAA05 tool. The RDS 2 has Bluetooth built in to connect it with the tool, but lacks a cable connection and RDS 3 features both Bluetooth and cable connection.



The three RDS models, from left to right: RDS1, RDS2 and RDS3

3. EASY USAGE

The RDS is fitted with only one button, the power button. No navigation through software is needed and no settings have to be entered. Connect to the SPAA05 device and heading or tilt will immediately be displayed in real time.



Just a power on button

4. BATTERY

Only the RDS 2 and RDS 3 are fitted with a battery, which lasts for up to 25 hours of operation. The RDS 1 draws its power from the SPAA05 unit, meaning it will always work on site.

HOW TO USE

1. CONNECTING WITH CABLE

Instead of using a normal on-off dongle, use the dongle on the end of the RDS cable to turn on the SPAA05-NEX tool. Now simply plug in the other end of the cable into the RDS. The RDS will show the heading as soon as the SPAA05-NEX tool has started up and is receiving a heading.



Please wait until the SPAA05 has started up, this may take a few minutes.



No valid heading is received; make sure the view of the SPAA05 tool is not obstructed

2. CONNECTING WITH BLUETOOTH

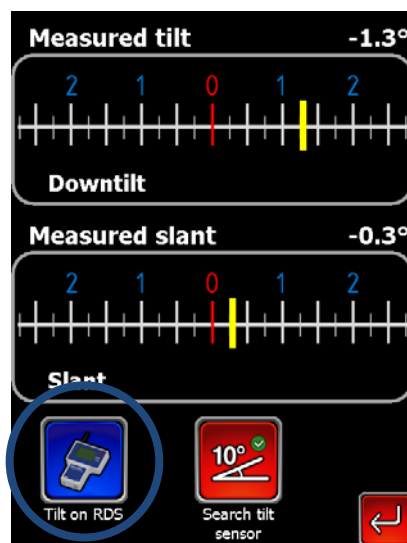
Instead of using a normal on-off dongle, use the Bluetooth dongle supplied with the RDS2 or 3 to power on the SPAA05 NEX tool. As soon as the SPAA05 is turned on, the RDS will automatically make a connection and display the received heading.



The Bluetooth dongle for use with the RDS2 and 3

3. SHOWING TILT

It is possible to switch the screen to tilt view when a tilt sensor is connected. First connect the tilt sensor to the SPAA05 tool. Now start up the RAMIS software on the PDA and make a connection with the SPAA05 tool. Now go to the *Tilt screen*, which is found in the *Status menu*. To switch view on the RDS display, press the *Tilt on RDS* button in the bottom left of the screen.



RAIMIS® Tilt screen: the Tilt on RDS button is highlighted

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Links

SPAA05 Website:

<http://www.SPAA05.com>

SPAA05 Universal Data-translator:

<http://www.SPAA05.com/udt/>

RAMIS online database portal:

<http://ramis.SPAA05.com>

Microsoft Windows ActiveSync:

<http://www.microsoft.com/windowsmobile>

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