CHCNAV How to set 5V pulse signal output

Descriptions

5V pulse output is mainly for planting trees scene which can output signal to terminal devices and also can mark/display some information in the GNAV3.0 software, this feature is mostly based on AB line and A+ line as well.

Also with the extra adaptive cable(PN: 4103020151) to connect to tablet Port3, then the these 2pin can be connected to terminal devices with outputting the signal.





| ▼ 信ち制山以直 |
|----------|
|----------|

| Inpection switch of signal inp | put | | |
|--|-------------------|--------------|------------|
| Signal output switch | | | \bigcirc |
| Signal output type | Seeder | | ▼ |
| | | | |
| Fixed | d distance output | 10.00 | m |
| Fixed Signal spacing Signal turning on duratio | d distance output | 10.00 100 | m ms |

Shanghai Huace Navigation Technology Ltd. Building C, 577 Songying Road, Qingpu, District, 201702 Shanghai, China WWW.CHCNAVCOM Tel: +86 21 54260273 Stock Code:300627

| Apply | |
|-------------------------------|-------------------|
| End point output switch | |
| Distance from the headland | 5.0 _m |
| Work area limit | |
| Turn alignment | |
| Operation line (area) numbers | 11 |
| Lateral deviation limit | 0.10 _m |

Signal output switch: The switch to turn it/off the 5V pulse signal.

Signal output type: It includes Transplanter and Seeder these two types, 5V pulse signal advanced settings can be edited only after select the Seeder.

Signal spacing: The distance interval of outputting 5V pulse signal

Signal turning on duration: The duration of outputting the 5V pulse signal

Lateral deviation limit: Keep output 5V signal output within he tolerance of auto driving away the guidelines

Operation area numbers: Every area with one interval as one operation number which is only used when turn on the **Work area limit** option.

Turn alignment: Keep the same output as the first guideline on other guidelines.

Work area limit: Set the area close to headland where not output the signal.

Distance from the headland: The distance from start point or end point when set the **Work area limit.**

All guidelines take point A as the starting point of the operation, and then calculate the position of the end point based on the **Operation area numbers**.

End point output switch: Output the signal at the end point when set the Work area limit.



1. Go to System Setup---Port settings---Signal input/output settings,

| ÷ | Port Settings | | |
|---|---------------|---------------------------------|--|
| | | Serial Port Management | |
| | | NMEA Output | |
| | | Tablet NMEA OUT | |
| | | Serial Settings | |
| | | Signal input/output settings | |

2. Turn on **Signal output switch** and select the **Seeder** in the **Signal output type**, then set the **Signal spacing**, finally click **Apply** to configure all of them.

| ÷ | 信号输出 | 设置 | | | |
|---|------|---------------------------------------|------------|-------|------------|
| | | Rocker switch enable | | C | |
| | | Inpection switch of signal input | | C | |
| | | Signal output switch | | | \bigcirc |
| | | Signal output type | Seeder | | • |
| | | Fixed dista | nce output | | |
| | | Signal spacing | | 10.00 | m |
| | | Signal turning on duration | | 100 | ms |
| | | The signal output distance in advance | | 5.00 | m |
| | | Lateral deviation limit | | 0.10 | m |
| | | Operation line (area) numbers | | 5 | |
| | | Turn alignment | | | |
| | | Work area limit | | 0 | |
| | | Ар | bly | | |

WWW.CHCNAVCOM Tel: +86 21 54260273 Stock Code:300627



3. It will skip to main menu automatically, it is able to click Start output this icon to start output after start auto steering and take to the line.



CHC Navigation

Building C, 577 Songying Road, Qingpu, District, 201702 Shanghai, China

Tel: +86 21 542 60 273 | Fax: +86 21 649 50 963 Email: sales@chcnav.com | support@chcnav.com Skype: chc_support Website: www.chcnav.com

Shanghai Huace Navigation Technology Ltd. Building C, 577 Songying Road, Qingpu, District, 201702 Shanghai, China WWW.CHCNAVCOM Tel: +86 21 54260273 Stock Code:300627