

## Engineer note

# Configure Artemis with external operate panel

### Introduction

This document describes the procedure to configure the Artemis Mk5 with an external operate panel

### Procedure

Connect the external operate panel to the operating panel socket (centre socket) of the Artemis unit.

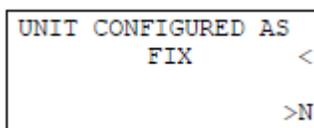


Sockets Artemis



External operate panel

- Press <Menu>
- Press <5> configuration
- Following page appears:



- Press <Enter> ; the cursor (<) starts blinking.
- Press the ▲ (arrow up) key or ▼ (arrow down) key until it reads "FIX"
- Press <Enter> to acknowledge



-Press <Next>

Now the frequency page appear

```
FREQ PAIR (MHz)
MOB    FIX
*:****  ****  <
FIX FREQ = ****  >N
```

**For this example we use frequency pair 0 and address code 0. (When different select associated frequency and address code)**

-Press <Enter>; the cursor (<) starts blinking.

-Press the ▲ (arrow up) key or ▼ (arrow down) key until it reads

```
MOB  FIX
0: 9200 9230
```

-Press <Enter> to acknowledge.

-Press <Next>

Now the address code page appear:

```
                FIX
SELECTIVE
ADDRESS CODE: **  <
                >N
```

-Press<Enter>; the cursor (<) starts blinking.

-Using the numerical keys 0-9 to enter the address code. In your case enter 00.

-Press <Enter> to acknowledge

-Press <Next>

Now the physical scan limit page appears:

```
AIM ANTENNA AT
LEFT END LIMIT
*** OK?>ENTR  >N
```

**Do NOT enter physical scan limits.**

-Press <next>

-And press again <next> to ignore this physical scan limit setup.

The scan sector page will appear.

```
AIM ANTENNA AT
LEFT SCAN LIMIT
USE L/R KEYS
*** OK?>ENTR  >N
```



- Using the ◀ (left arrow) key and the "0" key to stop the antenna, turn the antenna to the left auto search scan limit of the antenna.
- Press <enter> to set the left auto scan limit.

The following page appear

```
AIM ANTENNA AT  
RIGHT SCAN LIMIT  
*** OK?>ENTR    >N
```

- Using the ▶ (right arrow) key and the "0" key to stop the antenna, turn the antenna to the right auto search scan limit of the antenna.
- Press <enter> to set the right auto scan limit.

The alignment page appear:

```
USE TELESCOPE TO  
AIM ANTENNA AT  
REFERENCE OBJECT  
OK?>ENTR    >N
```

Slowly push the antenna by hand so the front is in lign with the reference alignment point. Use a telescope for accurate adjustment.

- Press <enter>

Following page appears

```
KEY-IN  
REF AZIMUTH  
***.*** deg <
```

- Press <enter>
- Using the numerical keys 0-9 to enter the associated alignment angle and press <enter> (Use the ▶ (right arrow) for a decimal point)
- Press <next>

Follow page appears

```
AUTOSEARCH:  OFF  <  
MK4COMP:     ON  
ANTI-ICING:  OFF  
                >N
```

- Press <enter> the cursor (<) starts blinking.
- Press the ▼ (down arrow) key to change "auto search off" into "auto search on".
- Press <enter>
- Press <next>

Following page appear

```
AUTO RCVERY:  ON  <  
CONF. PRCTED: ON  
GYRO CMPSAT: OFF  
                >N
```

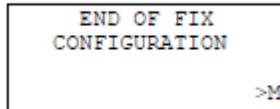


Auto recovery should be on. If it is off press <enter>; the cursor (<) starts blinking.

-Press ▼ (down arrow) key to change auto recovery to on. And press <enter> to acknowledge.

Press <next>

Follow page appear



Press <menu>

Press 1

Check if lower status line indicates:

STAT: F/0/0/AS

And check if antenna starts to search (turn) in your programmed scan sector.  
Otherwise perform procedure again.

---End of procedure---

If any questions:

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