





Four parts in the box of controller

- 1.Power supply
- 2.Control panel
- 3.Buttons
- 4.LCD monitor

Specification:

- 1.Power supply
- 2.Control panel

There are two "F" and one "DB9" on the Control panel."DB9" is an interface of remote communication and has no use so far.

In addition,the potentiometer on control panel is used for adjusting the contrast of LCD monitor.

If there is no show or no clear show on LCD monitor,please adjust the potentiometer.

3.Buttons

Five buttons:as shown in the picture

4.LCD monitor

There is no use of the four lead feet in the middle,we can just use twelve lead feet.

Operating instructions

The fuction of the controller is as follows:

1.Show the operation state of the antenna:

Searching/Tracking/Sleeping

After starting up,in any state of "Searching/Tracking/Sleeping",press the middle button,the interface maybe as follows:

01: E042 \*  
21120 27500 18 1

"01" is the Frequency serial number;"E042" is the longitude of the satellite;"\*" is the frequency of being used.

"21120" is the search frequency(The numerical value=The downlink frequency-The local frequency of the LNB)"

\*01,21120" is a group of "11862",using 9750 LNB."27500" is the symbol rate of downlink frequency;"18" is the voltage of the LNB;

"0" is the state of 22K("0" means off and "1" means on.)

Under this interface,if no button pressed within 5 seconds,then the state will return to "Searching/Tracking/Sleeping"

If any button pressed,then you can check the frequency has been stored.

3.Change the tracking frequency

In the basis of above,if changed to the frequency of "03",then enter the middle button,a cursor will appear on the screen,

then you can change some parameters such as frequency.When you finished the changing,press the middle button,

then you can return to check the state of the frequency.

If illegal parameters inputed,the controller will not accept the changing of these parameters.

4.Problems should be pay attention to of dual polarization

The downlink frequency of the satellite generally has two polarizations,two groups of parameters mean a satellite,that is:

Serial number"00" and "01" mean a satellite,"02"and "03" means another satellite, by parity of reasoning

If the antenna need to change the polarization automatically,change" button 3" on antenna mainboard to "on",at the same time,

the controller will change the two groups of frequency automatically according to the voltage of the decoder.

In addition,if the input frequency is even,then input 18V,if the input frequency is odd,then input 13V.