BLUETOOTH ALTIMETER (FD-BT) MANUAL



Specification

Dimension : 28mm*16mm*5mm Weight : 3.3g Maximum range : 10m Working current : <20mA Working voltage : 3.7V-8.4V

Hardware operation

- 1. Connect the JST of FD-BT to the balance channel of receiver and connect 1.25mm JST of Bluetooth with altimeter.
- 2. There is one 3 section toggle switch, its function as follows:

Record data: when you make the switch to "RECORD" Bluetooth module were not access, altimeter gets into working mode and start to record data, at this time the Bluetooth module power consumption is almost 0 mA. Stop working: When you make the switch to "STOP" position, Bluetooth module and altimeter are not working.



Setting clear: When you make the switch to "SETUP" position, Bluetooth module was access, at this time the blue LED on Bluetooth will be flash.

The software of Android installation

- 1. Download the newest software of Android from www.fd-rc.com, and install it to your Android system. At present, it support Android2.2 version or over. The system will in the installation of a new root directory called "FlyDream" folder, the upload data and screenshot of FD-BT will keep all in it.
- 2. Take ZTE U880 for example to show the operation

Find the software of FD-Altimeter, open it and you will see two icons. The above is connect the Bluetooth module settings altimeter interface, and the below one is drawing interface. Press the menu button of mobile, you can see "Contact us"," software state" and "Exit" information.





Setup interface

Click the first icon, enter setup interface, the screen will prompt Bluetooth permission request, click "YES", enter setup interface. At first "connect Bluetooth device". The hardware of FD - BT named for "FLY - DREAM" and the password is "1234". After the success of the connection, the blue LED on the Bluetooth module will flash and changes to a long light.

Connection FD-A Connection is not established	Connection FD-A Connection is established	Connection FD-A Connecting: 00:12:10:09:12:01	Connection FD-A Connection is established	
Connect bluetooth device	Connect bluetooth device	Connect bluetooth device	Connect bluetooth device	
Upload	Upload	Upload	Upload	
Set frequency	Select bluetooth devices Paired device	Set frequency Bluetooth pairing request	Set frequency	
Bluetootn permission request************************************	ROMA Clear FD-A data	Clear FD-A data	Clear FD-A data	
Co An application on your phone of is requesting permission to turn on Bluetooth. Do you want to do this? Yes No	60.1+E1-C0.35.01 FLY-DERAM 00:12:10:09:12:97 FLY-DERAM 00:12:10:09:12:77 Search	Or Type PIN to pair with "FLY-2:01 DERAM". (Try 0000 or 1234.) 1234 OK Cancel	Connection is established	
Just enjoy your fun fly with FD-A Return	Just enjoy your fun fly with FD-A Return	Just enjoy your fun fly with FD-A Return	Just enjoy your fun fly with FD-A Return	

In setup interface, users can upload the data of FD-A altimeter, also can set up the frequency of FD-A and clear the data of FD-A.

Connection FD-A	Connection is established	Col	nnection F	D-A Connecti	on is established	Connection FD-A	Connection is established	
Connect bluetooth device			Connect bluetooth device		Connect bluetooth device			
L	Jpload		Upload		Upload			
Set f	frequency		Set frequency _{wency}			Set frequency		
FD-Alt	timeter		1Hz		0	FD-AI	timeter	
Upload data from the FD-A, take a few seconds to a few minutes, determined to continue anyway?	from the FD-A, conds to a few ermined to		Conne 2Hz	ection is estal	olished	Empty altime to determine	eter memory data to continue?	
	way?		4Hz		\odot	ОК	Cancel	
ОК	Cancel		8Hz		O		<u> </u>	
Just enjoy yo	ur fun fly with FD-A		Just enjoy your fun fly with FD-A			Just enjoy yo	our fun fly with FD-A	
F	Return		Return			Return		

Drawing Interface

Click the second icon enter drawing interface. Choose the data you uploaded just now or lead data from "Import from.fda" to your mobile. Off course you can export data from "Export to.fda" to your mobile. Press the menu button of mobile, you will see the button of "Parameter setting", you can set the height unit, the temperature unit, Height calc and data automatically collate in "parameter setting". Choose one of your flight and click" drawing" button enter drawing interface.

