900 Rock Avenue, San Jose, CA 95131, USA

JLink-HPT435BT-WiFi base scheme

How to

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JLINK-HPT435BT-WIFI BASE SCHEME

Connect to the web interface (from PC, tablet or mobile), then perform the following steps.

1. Go to the WiFi manager of your device and search for HPT435BT:



Figure 1. WiFi Manager

2. Connect with password "testtest".

3. Enter in browser 10.1.10.1:8080 to connect web interface, set login "jlink" & password "jlink".

← → C ☆ ③ 10.1.10.1:8080		☆ V L 参 M :
🔢 Сервисы G Google 🤋 Яндекс 👩 @MAIL	RU 🥑 JAVAD GNSS 🗋 CCNet 🥑 Jira 🖣	TestLink » Другие закладки
1 🗧 🖗 🕷 🗤 🕄		JAVAD
Setup Status Communication Services	Administration	HPT435BT_01976
NTRIP Client Data Router Setup		
Source	Destination	
	UHF Modem	
NTRIP Client	Serial port	
	BT Serial port	
TCP Client Data Router Setup		
Source	Destination	
	UHF Modem	
TCP Client	Serial port	
	BT Serial port	
UHF Modem Data Router Setup		
Source	Destination	
UHF Modem	Serial port	
	BT Serial port	
	Socket 1101	
TCP Output Data Router Setup		
Source NONE T		
Save Settings	Cancel Changes	

Figure 2. Web interface

4. Connect Triumph-LS to JLink trough WiFi. Go to WiFi->Network, choose HPT and click Connect.

ء 😒	avorites		Disconnect
HPT435BT_01976	₩ 6 •	SSID AP Mode	HPT435BT_01976
TestersNew	(Int. 🔒 (Int)	Strength Security	Excellent (-45dBm) Excellent (-45dBm) Enabled
JAVADGNSS-TestTear 2	n (***) 🔒 📶	Auth Encryption	WPA2-PSK AES
JAVADGNSS	الد. 🔒 🕪		
JAVADGNSS-RnD	(i-a) 🔒 (i-a)		
JAVADGNSS-Guest	الد. 🔒 (***)		
Esc	1 2	3 4	

Figure 3. Connecting to the HPT435BT

5. Setup TCP base. Go to Setup->GeneralGroup Edit, select RTK Base. Then choose a coordinate system, base position, TCP Server.

	RTK Corrections		
	UHF	0	
	TCP Server		
Back			Next

Figure 4. RTK corrections source selection

6. Settings of TCP Server are depicted on the picture below.

TCP Server			
IP Address	10.1.10.3	Ethernet	> 0
TCP Port	8002	WiFi	>)
Password	Javad	Cellular	> 0
Back			Next ⁺

Figure 5. TCP Server's settings

7. Select corrections type and period. Now TRIUMPH-LS (Base) is configured.

8. In the web interface Setup->Router select TCP client -> UHF modem, click Save settings and wait for confirmation.

etup Status Communication Services	Administration	HPT435BT_01976
buter		
ITRIP Client Data Router Setup		
Source	Destination	
	UHF Modem	
NTRIP Client	Serial port	
	BT Serial port	
CP Client Data Router Setup		
Source	Destination	
	UHF Modem	
CP Client	Serial port	
	BT Serial port	
IHF Modem Data Router Setup		
Source	Destination	
UHF Modem	Serial port	
	BT Serial port	
	Socket 1101	
CP Output Data Router Setup		
Source		
NONE *		
Carlo California	Crearl Changes	
Save Settings	cancer changes	

Figure 6. Settings for UHF modem

9. In the web interface Communication->UHF Int. setup the UHF settings, click Save settings and wait for confirmation.

T 🐔 🕷	K. 🕬 🚷 🕞	<u> </u>
Setup Status Cor	mmunication Services Administration	
LAN UHF Int. GSM	Wi-Fi Bluetooth Power Management Advanced	
UHF modem		
Frequency RX:	461.025.000 Hz	
Frequency TX:	464.325.000 Hz	
Output power:	25dBm (316.2 mW) 🔻	
Protocol:	Javad 🔻	
Call Sign:		
SNRM: Fan control: Antenna detect: Status info:	Enable Disable Disable Enable Disable Enable Disable Enable Disable Enable Disable	
Protocol details		
Mode:	Transceiver •	
Modulation:	DQPSK •	
Channel spacing:	12.5 🔻	
FEC:	Enable Disable	
Scrambling:	Enable Disable	
Scrambling seed:	255	
Link rate:	9600 bps	

10 . In the web interface Services->TCP set IP of Triumph-LS (Base) from TCP server:

- IP: 10.1.10.3,
- port:8002,
- login empty,
- password: Javad.

Click Save settings and wait for the confirmation.

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	nti k (§ 🍂 	3 2
Setup Status Communica	tion Services Administration	HPT43
NTRIP TCP TCPO Ping	Pairing	
TCP Client Settings		
Server name/address:	10.1.10.3	
Port:	8002	
User:		
Password:	•••••	
NMEA:		
	Save Settings Cancel Changes]

11. Note, you can check real IP of TRIUMPH-LS and status of JLink TCP client by clicking on the WiFi icon (on the status bar).

WiFi			
Access Point	HPT435BT_01976	TCP Server	STARTED
MAC Address	EC-24-B8-05-4C-A5	IP Address	10.1.10.3
Auth. Mode	WPA2-PSK	TCP Port	8002
Signal Quality	Excellent (-45 dBm)	Password	Javad
Wlan State	Connected	TCP Clients	0
IP Address	10.1.10.3	Internet access	YES
Subnet Mask	255.255.255.0		
Default Gateway	10.1.10.1		
DHCP Server	10.1.10.1		
Lease Obtained	5/3/2018, 13 : 41 : 59		
Lease Expires	5/4/2018, 13 : 41 : 59		
DNS1	8.8.8.8		
DNS2	0.0.0.0		
Esc Network > RTN > Configuration>			

12. If IP of TRIUMPH-LS is changed, you should change it in the JLink web interface Services->TCP.



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