## Z-Max / Allegro Bluetooth connections

Open "FAST Survey"



Ensure that job settings are correct.

Navigate to the "Equip" tab and set "Instrument" type to "Thales/Ashtech"

Juniper Systems, 1	nc.»			Allegro
JOB:200	7_0420B	Т	1	MAP)
File	Equip	Surv	COGO	Road
4 To alar 10				المحادي
Instrume	nt		<u>0</u> K	<u>C</u> ancel
4 Receiv	er Utilities	9 F	Peripherals	
5 Localiza	ation		About FAST	r Survey
F11	F12	<b>(F3</b>	0	<b>(</b> <b>F5 (</b> )

Navigate to "Configure Base" and set Receiver Type to "Z-Max"

Juniper Systems, Inc.»			Allegro
Thales/Ashtech S	etup	<u>0</u> K	<u>C</u> ancel
Station Ports			
Receiver Type:	Z-Max		•
Base Ant. Hgt:	<b>2</b> m	● <u>V</u> ertic	al ( <u>) S</u> lant
Antenna Type:	[ZMax GP:	S] Thales	I 🔻 List
Elevation Mask:	10		
🔽 Log OBEN Data fi	or Averaged	RTK Read	ings
F11 F12 F1 F2 F7	F3	0	0 [5]

"Data Port" should be set to "C"

Juniper Systems, Inco		Allegro
Thales/Ashtech Setup	<u>O</u> K	<u>C</u> ancel
Station Ports		
Data Port	Γ <sup>Radio Port</sup> —	
		● D
Message Type	Ту	oe:
RTCM - (RTK)	🔻 GS	м 🔻
Radio Baud Rate: 19200	V	
1		

Navigate to "Comm Setup" and set the appropriate Bluetooth comm. port.

Select "Find Bluetooth Port" if unsure.

"Bluetooth Driver" should be set to "Socket"

Select "OK"

Systems, Inc*			Allegro
Comm Setup		<u>O</u> K	
Port Number: This is a Blu Bluetooth Drive Baud Rate: Char Length:	COM6 letooth port r: 9600 🔽	Find <u>B</u> lue Socket Parity: Stop Bits:	etooth Port
	lts		<u> </u>
F11 F	12 🐐	0 [F4	P (F5 FR)

This will bring up the FAST "Bluetooth Receivers" box. Delete listed receivers.

Select "Find Receiver"

ystems, inc»			Allegro
Bluetooth Receivers	Co	nnect	<u>C</u> ancel
Select Base BT Device			
Receiver Name		Receiv	rer ID
Eind Receiver Set Receiver PIN	e Set F	ete Rec Receiver	eiver Name

Highlight the appropriate Z-Max in the "Device Name" list and click on "Select"



This will bring back the FAST "Bluetooth Receivers" box. DO NOT ENTER PIN AT THIS TIME.

Select "Connect"

Systems, Inc.»		Allegro
Bluetooth Receivers	Connect	<u>C</u> ancel
Select Base BT Device		10
Receiver Name	Receiv	rer ID
ZMAX200339059		
Eind Receiver	Delete Rec	eiver
Set Receiver <u>P</u> IN	Set Receiver	. <u>N</u> ame
F11 F12 F1	F 0	<b>0</b> F5

This will bring up the Socket Bluetooth Passkey box. Enter "12345" in the "Bluetooth passkey" box. Click on the "Reply" icon.



FAST Survey should report "Connection established..." message.

Click on "OK".

JOE	3:200 <sup>-</sup> ile	7_0420B <sup>-</sup> Equip	Surv		(MAP)
1	FAST	Survey		10000	
2	Conn Thale	ection estab es/Ashtech (	olished to 0339059.	receiver:	
3					
4 .	ecem	er vanaes	Ab	enpnerais	
5 Localization 0 About FAST Survey					
and the second	<u> 1878)</u>			and the second	

Go back to Equip/Comm Setup

Juniper Systems, 1	nc.				Allegro
JOB:200	7_0420B <sup>-</sup>	T		<b>a</b> I	MAP
File	Equip	Su	ITY	COGO	Road
1 Instrument		6 M	onitor/Sky	/plot	
2 Configure Base		7 Tolerances			
3 Configure Rover		8 Comm Setup			
4 Receiver Utilities		9 Peripherals			
5 Localization		0 About FAST Survey			
F11	F12		ģ.	D	0
F1 F0	F2 7	F	F8	F4 P	F5 F10

Do not make any changes. Click on the "OK" icon.

óystems, Inc∗		Allegro
Comm Setup	<u>O</u> K	<u>C</u> ancel
Port Number: COM6	Find <u>B</u> lueto	ooth Port
Bluetooth Driver:	Socket	•
Baud Rate: 9600 🔽 F	Parity:	None 🔻
Char Length: 8 💌 🤋	Stop Bits:	1 🔻
Defaults		
F11 F12 🐮		•

This will bring up the FAST "Bluetooth Receivers" page.

"Set Receiver PIN" 12345 (and optionally "Set Receiver Name") at this time.

uniper ystems, Inc.»		Allegro
Configure BT Device PIN	<u>O</u> K	<u>C</u> ancel
Enter BT Device's PIN:		
F11 F12 🔅	<b>0</b> <b>F4</b>	<b>9</b>

Select OK.

Juniper Systems, Inco		Allegro
Bluetooth Receivers	Conn	ect <u>C</u> ancel
Select Base BT Device		<i></i>
Receiver Name Re	eceiver ID	PIN
Find Receiver	Deleta	e Receiver
Set Receiver PIN		eiver Name
F11 F12		

Z-Max and Allegro are now bonded and subsequent connections should occur quickly and easily.

Follow the same procedures for Z-Max Rover setup.