

1. Open to the main screen of Access and click Settings. Then click Survey Styles.



2. Click, New. Type in the Style name; RTK, and Style Type will be GNSS. Then Click Accpet.

👺 Survey Styles	A 🕴	? – X	Style details	
Name	Size Modified	Locatio	Style name:	
FAST STATIC	2kb 24/4/2012	\Trimble =	RTK	
RTK	2kb 16/5/2012	\Trimbl€		
RTK & INFILL	2kb 24/4/2012	\Trimble	Style type:	
RTK & LOGG	2kb 16/5/2012	\Trimble	GNSS	
SINGLE BASE	2kb 16/7/2012	\Trimble		I
VRS	2kb 15/7/2012	\Trimble		
WAAS	2kb 24/4/2012	\Trimble		
MANUL	2kb 12/6/2012	\Trimble		
<	2kb 24/4/2042	\Trimble		
Eer O		Edit	E.c.	Accort
LSC New Cop	y Delete Options	Ealt	ESC	Accept

3. Now we need to setup the Survey styles to match the receivers and radio you're using. Click Rover Options first.

I am setting this up using a R8 model 3, and a TDL450 Radio. So some settings may vary depending on the equipment you are working with.





4. On page two, you can pick your correct antenna type. And page 3 you can set your antenna height if you are using a fixed rover rod.

? — ×
80%
100%
× 13
7 ?
Map
M <u>e</u> nu
Eavorites
Culture an
SWITCH TO
A
Accept

5. On page 4 you can set the satellites that you can track. Then click Accept.

Ensure you are Bluetooth'd to your Rover before you go into your Rover Radio settings(See Bluetooth Manual on website for Bluetooth information)* If you exit the Survey Styles, make sure you click the "STORE" Button before you escape*

6. Now Click on Rover Radio.

🖗 Rove	er options	A 🕛	?	_	×	۵	RT	к			×	9	?	_	×
GPS L2C:	GPS L5:			0.8	0%	Rov	er o	ption	s						~
				2	0%	Rov	er r	adio							
GLONASS:	Galileo:		4	5	13	Bas	e op	otions							
			11	t -		Bas	e ra	dio							
						Тор	о ро	oint							
			T		?	Obs	erv	ed co	ntrol point						
			· ·			Rap	id p	oint							
				Map	>	Con	tinu	ious p	oints						
				Men	u	Stal	eou	Jt							=
			E	avori	tes	Site	cal	ibratio	on						
		4/4		21011		Dup	lica	te poi	nt tolerand	e					
<u> </u>		—	53	Mitch	n to	Las	er ra	angefi	nder				_		Ľ
	No survey PDOP:1.4		Γ.						No survey	PDOP:1.	.2				
Esc			1 1	lcce	pt	Esc	5	Store						Edit	-

7. Radio Type will be Trimble Internal, and Method will be 450/900. You will see a "Connect" button at the bottom of the page if you are bluetoothed to your Rover. Click the "Connect" button. Once you've picked your Frequency, click Accept.

🖗 Rover radio 🛛 🔊 🕕	? — X	Radio configuration	' – X
Туре:	80%	Connected to: Radio operating mode:	■> 80%
Trimble internal	12	Trimble internal Rover	■100%
Method:	÷ -	Frequency:	
Trimble 450/900 -	1	Base radio mode:	1
	Ϋ?	TT450s at 9600 bps	τ ?
	Map		Map
	M <u>e</u> nu		M <u>e</u> nu
	F <u>a</u> vorites		F <u>a</u> vorites
	Switch to	2	S <u>w</u> itch to
No survey PDOP:2.1	Accent	No survey PDOP:1.4	Assant
Connect	Accept	Est	мссерт



8. Click Accept again. Then Click Base Options.



- 9. On page one of the Base Options ensure your Survey Type is RTK, and your Broadcast Format needs to match what your Rover Option Broadcast Format was. So in this case we will use CMRx.
- 10. On page two, you can set your antenna height if you are using a fixed height tripod.

👺 Base options 🛛 🔊 🕕	? – ×	💩 Base options 🛛 🔊 🚺	? _ ×
Survey type: Broadcast format: RTK CMRx Station index: 18 Elevation mask:	100% 100% 14	Measured to: Bottom of antenna mount Antenna height: Part number: 6.562sft Serial number:	■ 70% ■100% 14 14
Antenna Type: R8 GNSS/SPS88x • 1/3	Map Menu Favorites Switch to	Tracking Use L2e: Yes 2/3	Map Menu Favorites Switch to
No survey PDOP:1.3	Accept	No survey PDOP:1.4	Accept

11. On page three you can pick the satellites that you can track. Then you can click Accept.

Now you want to connect to your Base Receiver via Bluetooth. If you exit the Survey Styles ensure you click the "STORE" button before you escape.

12. Now click Base Radio.

Base options	3 🕛 ? -	- ×	👺 RTK 🧔 😶	? – ×
GPS L2C: GPS L5:		70% 100%	Rover options	~
	1	14	Rover radio	-
GLONASS: Galileo:	42	14	Base options	1
	11		Base radio	
			Topo point	
	ΤŤ	?	Observed control point	
			Rapid point	
	M	ap	Continuous points	
	M	enu	Stakeout	
	Fav	orites	Site calibration	_
	3/3		Duplicate point tolerance	
	S <u>₩</u> r	tch to	Laser rangefinder	Ľ
No survey PDOP:1.4			No survey PDOP:1.2	
Esc	Ac	cept	Esc Store	Edit



- 13. Double check the Receiver Port, and make sure what Port the Radio is plugged into on the Receiver. Change the Baud Rate from 9600 to 38400 and click Connect.
- 14. Now were looking at the Settings for The TDL450 Radio. Make sure your Frequency is matched to the Rover Radio. Then you can click Accept.



- 15. Once you changed the Baud Rate back to 9600, Click Accept.
- 16. Now you have setup your RTK Survey Style. You must click "Store" before you exit the Survey Styles or it will not hold your settings.



