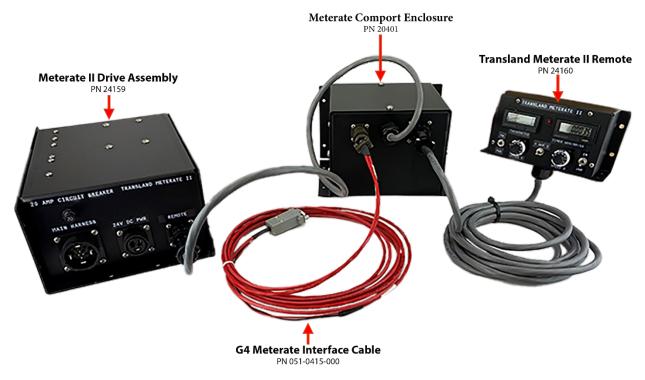


# Instructions for Meterate Setup for G4

The Meterate for the G4 is an optional product. To purchase the unlock, contact your dealer for a Meterate unlock code. Next, refer to Chapter Nine for more information about "Authorize Feature Unlock."

	Description					
Hardware	<ul> <li>Transland Meterate II Remote (PN 24160)</li> <li>Meterate Comport Enclosure (PN 20401)</li> <li>G4 Meterate Interface Cable* (PN 051-0415-000)</li> <li>Comports Cable (PN 051-0299-000)</li> <li>Meterate II Drive Assembly (PN 24159) *In kit PN 20401</li> </ul>					
Software	<ul> <li>Recommend InelliTrac software version is 3.22.172.1750 or later</li> </ul>					

The Meterate II Remote, Meterate Comport Enclosure, and Meterate II Drive Assembly need to be mounted before setting up the Meterate with the G4.





1. From the Map screen, select "Setup" three times, which will lead you to the COM Port Configuration. Select "COM Port Configuration."

GPS SETUP	Satioc HQ Setup	SETUP
COM Port Configuration	AGDisp Setup	More Options
AIMMS Running	Satioc CLOUD	Go Back
Small Relay Setup		EXIT
DAAM Setup		Return To Map

2. Choose an available comport. From the pull-down menu, select "**TL\_Meterate**."

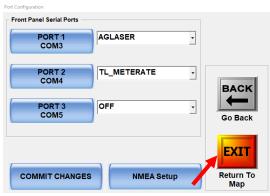
Front Panel Serial Ports PORT 1 COM3	AGLASER	
PORT 2 COM4	OFF -	BACK
PORT 3 COM5	DAAM MICRO_RPM TL METERATE	
	EV6_CAMERA OFF	EXIT
COMMIT CHANGES	NMEA Setup	Return To Map

3. Select "Commit Changes."

PORT 3 COM5 OFF G	
COM5 G	ACK
	Back
	XIT
	urn To Map



### 4. Select "Exit."



 Take the Comports Cable (PN 051-0299-000) and connect it to the PORT/COM plug on the G4 Meterate Interface Cable (PN 051-0415-000). Select the PORT/COM that was selected on the G4.

*Note:* The Comports Cable (PN 051-0299-000) is labeled with COM3, COM4, and COM 5. COM3 connects to Port 1, COM4 connects to Port 2, and COM5 connects to Port 3.

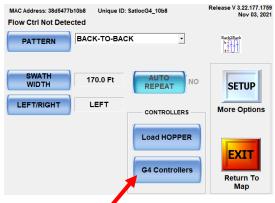
- 6. Connect the cable from the Transland Meterate II Remote (PN 24160) to the Meterate Comport Enclosure (PN 20401).
- 7. Connect the G4 Meterate Interface Cable (PN 051-0415-000) into the interface of the Meterate Comport Enclosure.
- 8. Connect the cable from the Meterate Comport Enclosure (PN 20401) into the "REMOTE" connection on the Meterate II Drive Assembly.



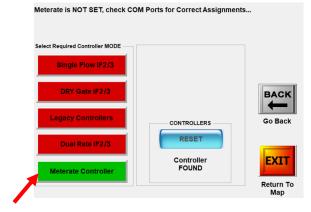


- 9. Connect power cable to aircraft power and ground.
- 10. On the G4, select "Setup." USB 0.0 A 0.00 A NO CTRL 6 ZOOM HOT KEYS 4 Trim: 0.00 G/A CLR PATE ZO OM MO DE Manual CLR SWATH  $\bigoplus$ INFO JOB 4 START LOG POLYS ENTER MISC ZOOM GPS DH Logging is ON E Auto Boom OFF T TRK 100 M WPT By N BPG -DNG MARK MODE 4 KEYPAD SETUP RETURN SETA

#### 11. Select "G4 Controllers."



#### 12. Select "Meterate Controller."





13. Select "Exit."

Meterate is NOT SET, check CC	DM Ports for Correct Assignm	ents
Select Required Controller MODE		
Single Flow IF2/3		
DRY Gate IF2/3		BACK
Legacy Controllers	CONTROLLERS	Go Back
Dual Rate IF2/3	RESET	
Meterate Controller	Controller FOUND	<b>EXIT</b> Return To
		Map

- 14. From the Maps screen, select "Setup" two times.
- 15. Select "Meterate CTRL."

LOGGING SETUP METERATE CTRL	Transfer USB Files	SETUP More Options
SCREEN		
LIGHT BAR	US	Go Back
NAV SYSTEM	Transfer Files	Return To Map

16. There are two modes (manual and automatic) that switch back and forth when selected (upper left-hand corner). In manual mode, you can operate the Meterate using the Meterate Remote. In automatic mode, select "Base Speed" and enter the speed intended for product application.
GATE GPS BASE Speed MPH

AUTOMATIC MODE BASE Speed 135 MPH	SETUP	135			(20 to 200) BASE MPH Spd
Set Target TACH RPM for Selected ( \$ BASE Speed	More Options	1	2	3	
Enter TACH RPM Tach RPM: 260		4	5	6	Accept
Rotor RPM: 48.75		7	8	9	Accept
5et TACH RPM per EVERY Speed	GO BACK		0		EXIT
EVERY Enter Tach RPM 15	EXIT	÷	<b>→</b>		Cancel
2.00 MPH Per ESpeed	Return To				

17. Select "Accept."



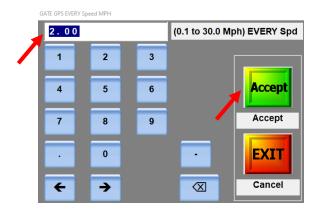
18. Select "Enter Tach RPM" (TACH speed is how fast the Meterate turns). Enter the RPM that is required for product application.

			1	ACH RPM Speed				
	AUTOMATIC MODE BASE Speed 135 MPH	SETUP		260			2 to 556 Tach	RPM
	Set Target TACH RPM for Selected GPS BASE Speed	More Options			2	3		
					2	3		
	Enter TACH RPM Tach RPM: 260	BACK		4	5	6		Accept
1	Rotor RPM: 48.75				=			
	Target Rate 100.0000 Lb/Acre (S: 170.0 Ft)	Go Back		7	8	9	-	Accept
					0			EXIT
	EVERY Set TACH RPM per EVERY Speed	EXIT			Ū			
	2.00 MPH Enter Tach RPM Per ESpeed 15	Return To Map		÷	<b>→</b>		$\boxtimes$	Cancel

- 19. Select "Accept."
- 20. Select "Every."

	E BASE Speed 135 MPH	SETUP
	Tach RPM: 260	More Options
Enter TACH R Target Rate	PM         Tach RFM. 200           Rotor RPM: 48.75           100.0000           Lb/Acre (S: 170.0 Ft)	Go Back
EVERY 2.00 MPH	Set TACH RPM per EVERY Speed	EXIT Return To
2.00 MPH		Return To Map

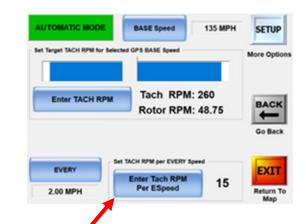
21. Enter the difference in speed needed to change the RPM. (Need to do this for constant rate.)



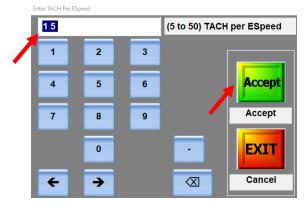
22. Select "Accept."



23. Select "Enter Tach RPM Per ESpeed."



24. Enter desired number.



25. Select "Accept."

## **Technical Support**

### support@satloc.com

Call or Text 833-4-Satloc (833) 472-8562 <u>www.satloc.com</u>

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