Main screen Introduction

Enable Bluetooth

Allow Unknown Sources

Download the App.

Sign up the App

Main Menu: About: Main Options: Data Log Options: Data Log Settings: Dial Apperance:

App Crashed!!

Main screen Introduction



and Tactical Flow Meter, TFM Meter 0.794 You will only hit the LA and Home button when using the TFM.

The Settings is used to allow the TFM to be installed and get past the security settings. Android smart phones are configured to only allow apps that are VERIFIED, by the App Store, to be downloaded without complaining. This is designed to protect your phone from malware. The VERIFICATION is \$1,500 per app. Some 80% of apps in the aspp store are not verified. Conversely EVERY app in the IOS, Apple App store are verified and can cost over \$2500 to get in the Apple App Store. We ONLY support the Android platform at present.

Enable Bluetooth



Bluetooth Android for TacticalFlowMeter Rev 0 Page 2 of 16

a 1	▮ ⊑ © © © © 🖇 💎 🖄 🖬 🖬 5:24		
Settings Q			
Wireles	ss & networks		
•	Wi-Fi		
*	Bluetooth		
0	Data usage		
•••	More		
Device	•		
Ф	Display		
	Sound & notification		
	Say something		

Turn on the Tactical Flow Meter and ensure it is running. You will know it is running when any of the LED's are blinking between 2 to 4 Hz.

━ 1 1 ⊑ 0 0 0 0 0	🛠 🚉 📶 💆 5:24
← Bluetooth	Q :
Off	
Turn Bluebooth OPro- Tocale off to on	
When Bluetooth is turned on, yo communicate with other nearby Bl	ur device can uetooth devices.
Say comething	

Toggle the Bluetooth ON-Off button to have it SCAN for devices. Some Android devices have a "Scan for new devices"



Android found a Tactical Flow Meter. You will know this because the Bluetooth device is prefixed by the name FLOW_ the OLED screen will show you the Bluetooth serial number and it will match the number on the screen. If you have multiple devices you may select which device(s) to pair with.



The Pairing Code is 1234

a 1	1 🖬 🖣 🖸 O O 🖇 🗢 🛣	i B	5:26
÷	Bluetooth	۵	:
	On		
Paired	devices	_	
*	FLOW_165466D2	۵	>
Availa	ble devices		
*	Bedroom Apple TV		
*	HC-05		
	Dave's iMac (3)		
DKand Blueto	riod is visible to nearby devices while oth settings is open.		
P	roperly Paired		
	Say something		

The screen shows FLOW_ as in Paired devices. The Android will store this device and you should not have to re-pair and it will be located whenever it is within 20 feet.

Allow Unknown Sources



Tap Settings.

Note: To use the TFM Andriod App we need to tell the Android that our app is safe. We do this in Settings/Security/Allow unknown sources as follows:

Settings Q ← Security	Q
Screen security	
Apps Screen lock Swipe	
Personal Owner info	
Location Encryption	
Encrypt phone	
Security 2: Tap Security Passwords	
Make passwords visible	
Accounts	
Language & input	
View of deactivate device adh	\mathbf{N}
Motorola Privacy Unknown sources Allow installation of apps from unknown	
Say segmething	
ap Security. Toggle the Unknown sources to AL	LOW or C



Download the App.

Order the Android App here:

https://www.tacticalflowmeter.com/products/android -application

Read the screen and decide if you wish to pay \$50 for the program. Some representitives have coupon codes for those folks having difficulties getting approval for a credit card buy.

Use any of the three payment methods:



It is important to use your email that your smart phone, or Android Device you intend to use the TFM program.



When done click

The computer will think for a few moments making a unique download link as well as creating a database that will notify you on every update of the Android program.

Your screen will look like this:

Order #TFM-17-1019-2017 Thank you Dave!

Your order is confirmed

We've accepted your order, and we're getting it ready. Come back to this page for updates on your order status.

Android Ap Ar	plication - Android
Tactical Flow M	Meter 0-794.apk (1.81 MB)
You will also receive an er You will also receive an er Cu: co to the care that his co to the care that his four main common Billing	nail with download links for your digital purchases.
Dave KonpT Take 5, Inc. 405 Monterey Ave Pacific Grove CA 93950 United States 1 831-455-0418	

Open your email. We suggest Google's GMAIL It is EXTRAORDINARY and has the highest quality spam filter on the planet. You will NOT get Junk mail.



Bluetooth Android for TacticalFlowMeter Rev 0 Page 8 of 16

App.



Tap Download now...

Sign up the App



Find the app on your Apps icons. The icon looks





The first screen goes to the device selection screen. Just tap the serial number you wish to monitor.



The resulting screen shows the Android App synchronizing with the Tactical Flow Meter. It takes a few moments to gather all of the data including the Serial Number, Full Scale, Revisions, and many other parameters having to do with the datalog system.

You will be interracting with the LA and the



menu button that looks like 3 vertically spaced dots. Tapping this yields the Main Menu:

Main Menu:



The detail of the Main Menu is as follows:

Main Settings

Data Log Actions

Data Log Settings

Dial Appearance

About

THIS IS VERY IMPORTANT: You will ONLY use



and the LA, d to navigate

between menues.

About:



Main Options:

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Main Options Flow: 0.0 SCFM Total: 0.0 CF Raw Ticks: 0, Bluetooth: Not Connected Logs In Meter: No Data Yet Logs In Phone: No Data Yet Extra Log Info Logger Off Initializing - No Log Data
Totalizer: 0.0
CLEAR TOTALIZER TOTAL = 0.0
Substitute Flow = 0 (Set in Meter) (Bluetooth Not Active)
CHANGE SUBSTITUTE FLOW
TURN ON TURN OFF
Saysemething

(Set in Meter) (Using Substitute Flow) CHANGE SUBSTITUTE FLOW TURN ON TURN OFF SUBSTITUTE FLOW SUBSTITUTE FLOW Display Pulse Count Display \checkmark Raw Ticks End Substitute Flow On Connect On Disconnect Upload Logs in Background Include Header In CSV File Get Size Info At Start □ Include Date with Size Info Prompt to Turn Off Log at Disconnect Restart Log If Power Lost Upload Logs While Logging Name of Meter: FLOW_165466D2 CHANGE METER NAME

Say something

 \triangleleft

Lower part of Main Options

Data Log Options:



Log Actions

Flow: 0.0 SCFM Total: 0.0 CF Raw Ticks: 0, Bluetooth: Not Connected Logs In Meter: 2, Events In Meter: 0 Logs In Phone: 2, Events In Phone: 0 No Data In Meter Initializing - No Log Data

Logger Off Connect to Bluetooth to Control Logger Logger State Unknown

START STO

Active Log ID # 2 Events In Log: 230 (Needs To Be Uploaded) The logger is less than 0.1% full. (8.29 KB of 16.26MB used.) Room for 462157 additional events. Remaining time with 1 sec intervals. 5 days, 8 hr, 22 min, 37 sec

	ething
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📼 🛔 📱 🗣 🏺 Ø Ø 🛛 🔌 🛡 े≅ 加 🛢 7:16	Data Log Settings:
START STOP No Active Log (Select Log)	╺━┓┇┇┇⊾ ♣ ♥ ◙ ◙ 🔺 ♥ अद ڝ゚∥ ੈ 7:17
The logger is less than 0.1% full. (8.29 KB of 16.26MB used.) Room for 462157 additional events. Remaining time with 1 sec intervals. 5 days, 8 hr, 22 min, 37 sec	Log Settings Flow: 0.0 SCFM Total: 0.0 CF Raw Ticks: 0, Bluetooth: Not Connected Logs In Meter: 2, Events In Meter: 0
UPDATE LOG SIZE INFORMATION SELECT ACTIVE LOG FROM MASTER LIST	Logs In Phone: 2, Events In Phone: 0 No Data In Meter
No Data To View Or Email	Logger Off Initializing - No Log Data tvLogIntervalMessageText
EMAIL ACTIVE LOG	CHANGE LOG INTERVAL Log Interval = 1 s OLED LARGE TEXT Interval = 10 s
DELETE ALL DATA LOGS	OLED SMALL TEXT Interval = 10 s
Lower part of Data Log Options	Sayseymething

Dial Apperance:



App Crashed!!



This is no fun but happens as every update or event (large email) to the Android poses a risk the Android Operating System may have been updated to not cooperate with the TFM program. Frequently the source of these are "Memory leaks" where one App intrudes into the memory space of another App. And, while our App may run happily for 10 minutes, or for countless hours, it could crash and we show you how to tell the Android how to handle the situation. It is fairly easy and indeed annoying that you should have to go through this procedure. START by tapping Settings.



Tap FORCE STOP

	51 🔥 🖝 🗽 🗛 🕯	1 5.27
		- J.Z/
← App info		Q
Tactical Flow Me version 0.794	eter 0.794	
FORCE STOP	UNINSTALL	
Show notifications	_	
Force stop?		
If you force stop an misbehave.	app, it may	1
	CANCEL OK	
_	GLEAR DATA	
CACHE		
Cache	0.00)B
LAUNCH BY DEFAULT		
Гар ОК		
	◙ 🗱 🗢 🛣 🕍 🕻	5:27
← App info		Q
Tactical Flow Me version 0.794	eter 0.794	
FORCE STOP	UNINSTALL	
Show notifications		
STORAGE		
Total	9.52N	1B
Арр	9.52N	1B
Data)B
	CLEAR DATA	
CACHE		
Cache	0.00)B
	CLEAR CACHE	

LAUNCH BY DEFAULT			
\triangleleft	0		

When your screen looks like this you are DONE. You may now RE-START the TFM and it should behave.