

MapWorld

Comparison of all Garmin Tread units

	Tread 2	Tread SXS	Tread Overland	Tread XL Overland
General				
Dimension	15.6 x 8.9 x 2.5	20.7 x 16.9 x 3.1	20.7 x 16.9 x 3.1	25.2 x 19.9 x 3.1
Weight	340g	646g	646g	930g
Water rating	IPX7	IPX7	IPX7	IPX7
Display type	Multi-touch, glass, high brightness HD colour TFT with white backlight	Multi-touch, glass, high brightness HD colour TFT with white backlight	Multi-touch, glass, high brightness HD colour TFT with white backlight	Multi-touch, glass, high brightness HD colour TFT with white backlight
Display size	13.3 x 7.5	17.2 cm x 10.8 mm	17.2 cm x 10.8 mm	21.7 cm x 13.6 mm
Display resolution	1,280 x 720 pixels	1,280 x 800 pixels	1,280 x 800 pixels	1,280 x 800 pixels
Dual-orientation display	Yes	Yes	Yes	Yes
Magnetic mount	-	locking magnet-assisted mount	locking magnet-assisted mount	locking magnet-assisted mount
Tube mount (1.5" - 2.375")	Yes	Yes	-	-
Handlebar mount (up to 1")	Yes (smaller tube m	-	-	-
1" ball adapter with amps plate	Yes	-	-	-
1.5" ball adapter with amps plate	-	Yes	Yes	Yes
Drop rating	MIL-STD-810	MIL-STD-810	MIL-STD-810	MIL-STD-810
Dust rating	IP6X	IP6X	IP6X	IP6X
Battery type	Rechargeable lithium-ion	Rechargeable lithium-ion	Rechargeable lithium-ion	Rechargeable lithium-ion
Battery life	Up to 7 hours	Up to 6 hours	Up to 6 hours	Up to 6 hours
Maps & memory				
Preloaded street maps	Yes	Yes	Yes	Yes
High definition 3d terrain	Yes	-	-	-
Data cards	Microsd™ card	Microsd™ card	Microsd™ card	Microsd™ card
3d terrain	Yes	Yes	Yes	Yes

MapWorld

Comparison of all Garmin Tread units

Internal storage	64 gb	32 GB	32 GB	32 GB
Ability to add maps	Yes	Yes	Yes	Yes
External memory storage	Yes	Yes	Yes	Yes
Includes map updates	Yes	Yes	Yes	Yes
Downloadable satellite imagery	Yes	yes (BirdsEye)	yes (BirdsEye)	yes (BirdsEye)
Topo map support	Yes	Yes	Yes	Yes
Sensors				
GPS	Yes	Yes	Yes	Yes
Galileo	Yes	Yes	Yes	Yes
Barometric altimeter	Yes	Yes	Yes	Yes
Compass	Yes	Yes	Yes	Yes
10 hz multi-gnss positioning	Yes	Yes	Yes	Yes
Outdoor recreation				
Point-to-point navigation	Yes	Yes	Yes	Yes
Preloaded topographical maps	Yes	Yes	Yes	Yes
Navigate-a-track navigation	Yes	Yes	Yes	Yes
Turn-by-turn trail navigation	Yes	Yes	Yes	Yes
Compatible with outdoor maps	Yes	Yes	Yes	Yes
Camera features				
Backup camera compatible	Yes (bc™ 50 only)	Yes (bc™ 50 only)	Yes (bc™ 50 only)	Yes (bc™ 50 only)
Navigation features				
Garmin real directions™ guidance	Yes	Yes	Yes	Yes
Tripadvisor® traveler ratings	Yes	Yes	Yes	Yes
Route shaping through preferred cities/streets	Yes	Yes	Yes	Yes
Includes traffic (with Tread app)	Yes	Yes	Yes	Yes
Lane assist with junction view	Yes	Yes	Yes	Yes
Bluetooth® pairing	Yes	Yes	Yes	Yes
Advanced features				

MapWorld

Comparison of all Garmin Tread units

Smart notifications via app	Yes	Yes	Yes	Yes
Wi-fi® map and software updates	Yes	Yes	Yes	Yes
Access to live services via app	Yes	Yes	Yes	Yes
Motorcycle features				
Control music and media from smartphone or mp3 player	Yes	Yes	Yes	Yes
Sunlight readable / weather resistant	Yes	Yes	Yes	Yes
Garmin adventurous routing™	Yes	Yes	Yes	Yes
Motorcycle or powersports specific points of interest for cycle repair services, dealers and more	-	Yes	Yes	Yes
Elevation profile	Yes	Yes	Yes	Yes
Round trip routing	Yes	Yes	Yes	Yes
Service history log	Yes	Yes	Yes	Yes
Custom Map Support	Yes	Yes	Yes	Yes
Wireless ant+® technology	Yes	Yes	Yes	Yes
RV features				
Specialized routing for the size and weight of your vehicle	Yes	Yes	Yes	Yes
RV parks & services directory	-	Yes	Yes	Yes
Road elevations	-	Yes	Yes	Yes
Speed limit changes	Yes	Yes	Yes	Yes
Easy route planner with gpx file sharing	Yes	Yes	Yes	Yes
Adventure features				
Built-in InReach® technology	-	Yes	Yes	Yes
Pair with compatible InReach® devices	Yes	-	-	-

MapWorld

Comparison of all Garmin Tread units

Pair with Garmin powerswitch™ box	Yes	Yes	Yes	Yes
Compatible with handlebar controller	Yes	-	-	-
Compatible with group ride tracker (Yes	Yes	-	-	-
Compatible with external gps antenna with mount	-	Yes	Yes	Yes
Compatible with external inreach® satellite antenna	-	Yes	Yes	Yes
Group ride mobile (with Tread app)	Yes	Yes	Yes	Yes
Track recorder (breadcrumbs)	Yes	Yes	Yes	Yes
Compatible with the Garmin Tread app for route planning and data management	Yes	-	-	-
Overlander™ points of interest	-	Yes	Yes	Yes
Ultimate public campgrounds	Yes	Yes	Yes	Yes
Pitch and roll gauges	Yes	Yes	Yes	Yes
Birdseye satellite imagery	Yes	Yes	Yes	Yes
Glove-friendly touchscreen	Yes	Yes	Yes	Yes
Group ride radio				
Radio frequency band	MURS (151-154 MHz)	-	-	-
Group ride range	Up to 8 miles	-	-	-
Group ride tracking	Up to 20 riders	-	-	-
Group ride update rate	2.5 seconds	-	-	-
Radio transmitted canned messages	Yes	-	-	-
Outdoor applications				
Dog tracking	Yes	Yes	Yes	Yes