

GARMIN®

ИНСТРУКЦИИ ЗА МОНТАЖ GMR™ FANTOM™ 18X/24X

Важна информация за безопасност

 **ВНИМАНИЕ**

the Important Safety u Product Information

ANSI/IEEE C95.1-1992

 **ВНИМАНИЕ**

Garmin.

Garmin,

Garmin.

ЗАБЕЛЕЖКА

Актуализация на софтуера

Garmin,

Необходими инструменти

-
- 9.5 mm ($\frac{3}{8}$ in.)
- 32 mm ($1\frac{1}{4}$ in.)
- 4 mm ($\frac{5}{32}$ in.)
- 13 mm ($\frac{1}{2}$ in.)
-



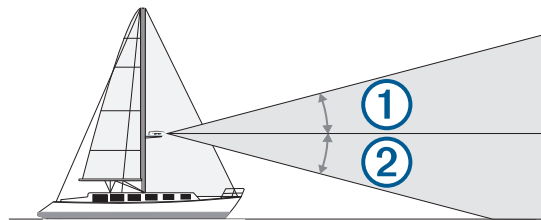
Съображения за монтаж

(RF)

①

② 12,5°

12,5°



2 m (6 ½ ft.)

• GPS

- 1 m (40)

• VHF

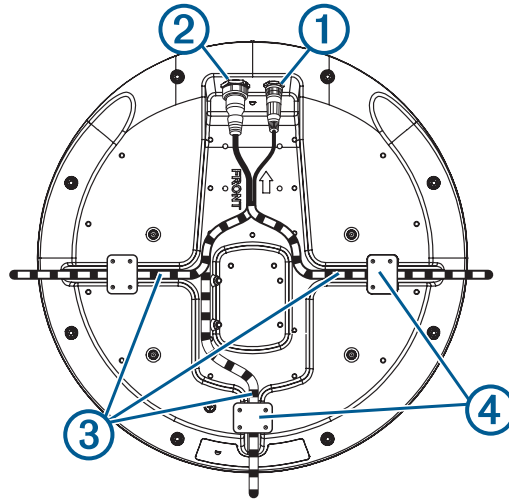
- 1 m (40)

Single Side Band (SSB)

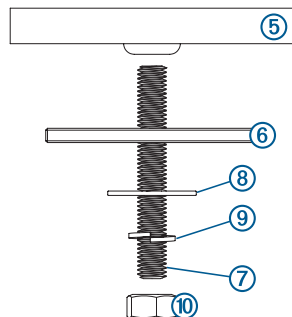
2 m (6 ½ ft.).

Монтаж на радара

- 1 $1 \frac{3}{16}$ in.) () M8 x 1,25 x 60 30 mm ($\frac{1}{16}$ in.), 5 30 mm ($\frac{1}{16}$ to
- 2 9,5 ($\frac{3}{8}$ in.) Garmin



- 3 ③
- 4 ④
- 5 M8 x 1,25 x 60.
- 6 50 mm (2)
- 7 ⑤
- 8 ⑥ ⑦ ⑧
- 9 ⑨ ⑩



- 9 13,7 18,6 N-m (10 14 lbf-ft).

Съображения за окабеляване и свързване

- . 32 (14 in.)
-
-
- Garmin Garmin ().
-
-
- Garmin Garmin, Garmin,
-
-
-
-
- EMI.
-
-

Свързване на захранващия кабел

 **ВНИМАНИЕ**

- 1
- 2 (+)
- 3 (-)

Захранващи кабелни удължители

Distance	Wire Gauge
2 m (6.5 ft.)	16 AWG (1.31 mm ²)
4 m (13 ft.)	14 AWG (2.08 mm ²)
6 m (19.5 ft.)	12 AWG (3.31 mm ²)

Свързване към устройство или към морската мрежа

- 1 Garmin, Garmin, Garmin, Garmin
- 2
- 3 :
Garmin
RADAR.
Garmin,
NETWORK.

Радарна операция

- 1
- 2
- 3 Garmin
support.garmin.com.

Измерване на потенциалното изместване на предната част на лодката

- 1
- 2
- 3 +/- 1°

Задаване на отместване на предната част на лодката

- 1 Menu > Radar Setup > Installation > Front of Boat.
- 2

Спецификации

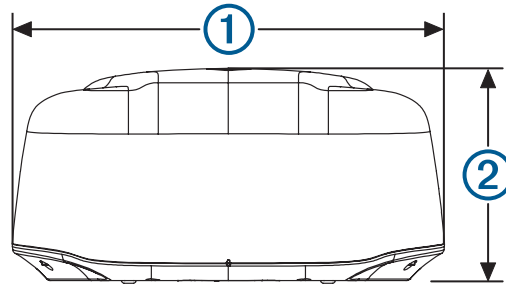
Specification	Measurement
Weight GMR Fantom 18x	6.35 kg (14 lb.)
Weight GMR Fantom 24x	7.89 kg (17.4 lb.)
Temperature range	White dome: From -25 to 70°C (from -13 to 158°F) Black dome: From -25 to 55°C (from -13 to 131°F)
Case material	Thermoplastic resin
Maximum antenna rotation speed	60 RPM
Input voltage	From 10 to 32 Vdc, 4 A max.
Power consumption ¹	Standby: 4 W max. Transmitting: • Normal Mode, 33 W max. • Power Save Mode, 24 W max.
Fuse	7.5 A
Power output	50 W peak
Transmitter center frequency	From 9335 to 9455 MHz
Transmitter maximum bandwidth	40 MHz
Beam width GMR Fantom 18x	5.2 degrees
Beam width GMR Fantom 24x	3.7 degrees
Maximum range	48 nm
Minimum range	6 m (20 ft.)
Compass-safe distance	18x: 97 cm (38 in.) 24x: 89 cm (35 in.)
Minimum safe operating distance ²	• 100 W/m ² = 0.12 m (4.6 in.) • 50 W/m ² = 0.17 m (6.5 in.) • 10 W/m ² = 0.37 m (14.5 in.)

¹ Power consumption when transmitting is affected by the range setting. A greater range setting uses more power.

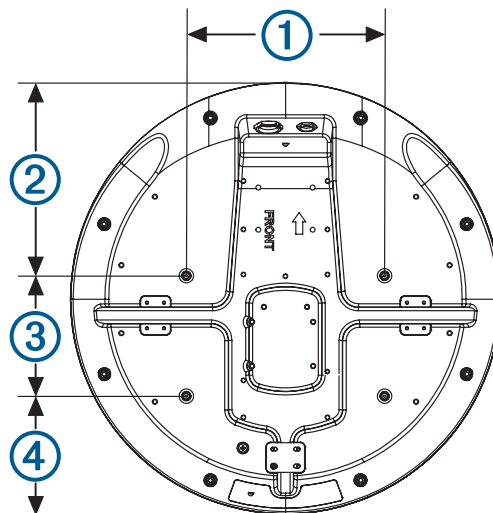
² When it is transmitting, the radar should be located in a position on the vessel that is at least this far from people. (IEC 60936-1, clause 3-27.1, specifies the maximum distances from the antenna at which radio frequency (RF) levels can be expected.)

These minimum safe distances apply for a transmitting radar with a rotating antenna, and are much larger when the antenna is not rotating. If rotation of the antenna is obstructed for any reason, the transmitter will automatically turn off.

Подробни размери



Item	GMR Fantom 18x	GMR Fantom 24x
Length	508.2 mm (20 in.)	645.4 mm (25 ⁷ / ₁₆ in.)
① (width)	504.7 mm (19 ⁷ / ₈ in.)	642.5 mm (25 ⁵ / ₁₆ in.)
② (height)	248.3 mm (9 ³ / ₄ in.)	250.3 mm (9 ⁷ / ₈ in.)



Item	GMR Fantom 18x	GMR Fantom 24x
①	233 mm (9 ³ / ₁₆ in.)	233 mm (9 ³ / ₁₆ in.)
②	227.5 mm (8 ¹⁵ / ₁₆ in.)	296.2 mm (11 ¹¹ / ₁₆ in.)
③	141.5 mm (5 ⁹ / ₁₆ in.)	141.5 mm (5 ⁹ / ₁₆ in.)
④	139.2 mm (5 ¹ / ₂ in.)	207.7 mm (8 ³ / ₁₆ in.)

物質宣言

部件名稱	有毒有害物質或元素					
	鉛	汞	鎘	六價鉻	多溴聯苯	多溴二苯醚
印刷電路板組件	×	○	○	○	○	○
金屬零件	×	○	○	○	○	○
電纜 電纜組件 連接器	×	○	○	○	○	○

本表格依據 SJ/T11364 的規定編制。

○: 代表此種部件的所有均質材料中所含的該種有害物質均低於 (GB/T26572) 規定的限量

×: 代表此種部件所用的均質材料中, 至少有一類材料其所含的有害物質高於 (GB/T26572) 規定的限量

* 該產品說明書應提供在環保使用期限和特殊標記的部分詳細講解產品的擔保使用條件。



連絡地址

製造銷售: 台灣國際航電股份有限公司

聯絡地址: 新北市汐止區樟樹二路 68 號

電話: (02)2642-8999

客服專線: (02)2642-9199

低功率電波輻射電機管理宣告

本產品謹遵循中華民國國家通訊傳播委員會所頒布電信管理法, 並經驗證通過合格, 請使用者遵循相關電信法規以避違反規定受罰。若使用者欲攜帶本機至其他國家應用, 也請遵循該地區或國家之相關法令限制。根據國家通訊傳播委員會低功率射頻器材技術規範規定

3.8.2 章節:

取得審驗證明之低功率射頻器材, 非經核准, 公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信; 經發現有干擾現象時, 應立即停用, 並改善至無干擾時方得繼續使用。

前項合法通信, 指依電信法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

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IC: 1792A-04163

