

Regulatory Statements

For the Owl Bar product from Owl Labs comprising of the following,
Model Number: FRS100
Operating Temperature: 32° to 95° F (0° to 35° C)
Software Version: 6.0

Power Supply

For power, use a UL Listed power supply marked "LPS" or "Class I" with output rated 19 VDC, 3.42 A. (Asian power devices Inc. / DA-65C19)

FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution:

Changes or modifications to this product not authorized by Owl Labs could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product.

This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, television sets, and other electronic devices.

Exposure to Radio Frequency Energy:

The radiated output power of this device meets the limits of FCC/IC radio frequency exposure limits. This device should be operated with minimum separation distance of 20 cm (8 inches) between the equipment and a person's body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC Compliance Statement:

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

This Class A device complies with Canada ICES-003

Exposure to Radio Frequency Energy:

The radiated output power of this device meets the limits of FCC/ISED Canada radio frequency exposure limits. This device should be operated with a minimum separation distance of 20 cm (8 inches) between the equipment and a person's body.

IC Caution:

Intentional or unintentional changes or modifications to the equipment not expressly approved by Owl Labs could void the user's authority to operate the equipment.

IC attestation de conformité

Ce dispositif est conforme à la norme FCC Partie 15 et aux norme(s) RSS permis-exempte(s) d'Industrie Canada. L'opération est soumise aux deux conditions suivantes:

- (1) Ce dispositif ne peut pas provoquer d'interférence nocive et
- (2) Ce dispositif doit accepter toute interférence reçue, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

La bande 5150–5250 MHz est réservée uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

L'exposition à l'énergie radiofréquence:

La puissance de sortie rayonnée de cet appareil est conforme aux limites de la FCC/ISDE Canada limites d'exposition aux fréquences radio. Cet appareil doit être utilisé avec une distance minimale de séparation de 20 cm entre l'appareil et le corps d'une personne.

Attention:

Les changements ou modifications à l'équipement, que ce soient intentionnelles ou non, non expressément approuvés par Owl Labs pourraient annuler l'autorisation de l'utilisateur à utiliser cet équipement.

EU Declaration of Conformity:

Hereby, Owl Labs declares that the FRS100 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following www.owllabs.com/ob-info

This unit operates in the frequency range of 5150 MHz to 5850 MHz

The Maximum Radio Frequency Power Transmitted is:

Mode	Frequency (MHz)	Maximum EIRP Output Power (dBm e.i.r.p)
Bluetooth (BT)		
BR/EDR	2412 – 2480 / 2402 - 2480	9.47 dBm
LE	2412 – 2480 / 2402 - 2480	9.58 dBm

Wireless LAN (WLAN)		
2.4G:	2400 – 2483.5 / 2412 - 2462	18.92 dBm
5G	5150 – 5250	22.85 dBm
5G	5260 – 5320	22.91 dBm
5G	5500 – 5700	22.85 dBm
5G	5745 - 5825	13.24dBm

Countries with indoor-use restrictions for devices operating in 5150 to 5850 MHz:

BE,BG,CZ,DK,DE,EE,IE,EL,ES,FR,HR,IT,CY,
LV,LT,LU,HU,MT,NL,AT,PL,PT,RO,SI,SK,FI,SE,UK(NI),LI,IS,NO,
TR,CH

Countries with indoor-use restrictions for devices operating in 5180 to 5825 MHz:

TW

WARNING:

EMC Classification of this product is Class A in accordance with Electromagnetic Compatibility Standard EN55032 and therefore the product is designed to be used in an industrial environment only.

Product Safety:

This device complies with Product Safety Standard IEC 62368-1:2014 (Second Edition) and IEC 62368-1:2018 (Third Edition).

Wiring the Mains Power Supply Plug (UK Only)

IMPORTANT NOTICE

The mains lead on this equipment is supplied with a molded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BS1362 of the same rating must be used. Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same color as the pin face of the plug. Replacement covers are available from Owl Labs. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance. However, if there is no alternative but to cut off the plug, remove the fuse and then safely dispose of the plug. Do NOT connect the plug to a mains socket as there is a risk of shock hazard from the bare flexible cord.

Taiwan (NCC) Warning Statements:

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。前述合法通信，指依電信管理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

Recycling Device Properly

In some areas, the disposal of certain electronic devices is regulated. Make sure you dispose of or recycle your device in accordance with your local laws and regulations.