

# intelbras

## User's guide

### SIR 1000 / SIR 2000 / SIR 3000

## 1. Technical specifications

Characteristics	SIR 1000	SIR 2000	SIR 3000
Operating voltage	9 to 15 Vdc		
Siren type	Piezoelectric	Magnetic	
Operating current	0,2 A	1 A <sup>1</sup>	
Approximate sound power	105 dB @ 1 m	115 dB @ 1 m	120 dB @ 1 m
Sound	1 tom		
Material	ABS		
Operation conditions	-10 to 50 °C @ 90% humidity		
Compatibility	Alarm centers, electric fence energizers and items with DC power in the specified range		
Colors	Black / White		
Dimensions (W × H × D) mm	69 × 69 × 65	88 × 88 × 105	132 × 132 × 150
Weight	57 gr	358 gr	435 gr

<sup>1</sup> When the siren starts, the current consumption is increased by up to 3 A for up to 1 second and then stabilizes at the nominal value of 1 A.

**Attention:** the SIR 2000 and SIR 3000 sirens do not work on Intelbras alarm centers without a battery and in case of intermittent ringing even with the battery, consult the version notice on the Intelbras website, as a firmware update may be necessary.

## 2. Installation

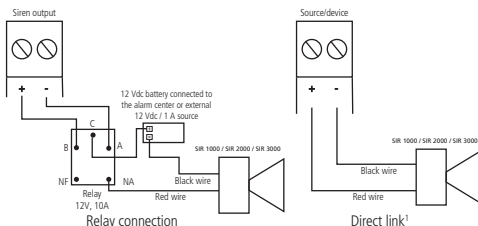
Carry out the installation by fixing its base with suitable screws<sup>2</sup> and plugs<sup>2</sup>. Due to vibration when the siren is in operation, fixing it using double-sided tape is not recommended.

For installation, the red wire must be connected to the positive (+) of the source/device used to power/activate the siren and the black wire to the negative (-) of the source/device used to power/activate the siren.

**Attention:** it must be checked whether the device/source used to power/activate the siren has the capacity to supply the appropriate current for the siren operation (at least the nominal value).

<sup>2</sup> They do not come with the product.

**Important:** when using the magnetic models SIR 2000 and SIR 3000 directly on the siren output with devices with lower current than necessary, it is recommended to use an auxiliary relay to protect the triggering device and correct siren operation. Necessary operating devices such as resistors/others must also be used according to the device/control unit being used.



<sup>1</sup> Some models of the Intelbras alarm center, independent of the siren, do not sound if they are out of battery.

# Warranty term

It is established that this warranty is granted upon the following conditions:

Client's name:

Client's signature:

Invoice number:

Date of purchase:

Model:

Serial number:

Retailer:

1. All parts, pieces and components of the product are guaranteed against any manufacturing defects that may occur, for a period of 1 (one) year - this being 90 (ninety) days of legal warranty and 9 (nine) months of contractual guarantee –, counted from the date of purchase of the product by the Consumer, as stated on the product purchase invoice, which is an integral part of this Term throughout the national territory. This contractual warranty includes the free exchange of parts, pieces and components that show manufacturing defects, including the costs of labor used in this repair. If no manufacturing defect is found, but rather defect(s) arising from inappropriate use, the Consumer will bear these expenses.
2. Installation Guide. If your product requires installation and configuration by a qualified technician, look for a suitable and specialized professional, as the costs of these services are not included in the value of the product.
3. Once the defect is detected, the Consumer must immediately contact the nearest Authorized Service listed on the list offered by the manufacturer – only these are authorized to examine and remedy the defect during the warranty period provided here. If this is not respected, this guarantee will lose its validity, as the product will be in violation.
4. In the event that the Consumer requests home assistance, he or she must go to the nearest Authorized Service to consult the technical visit fee. If it is found necessary to remove the product, the resulting expenses, such as transport and security to and from the product, are the responsibility of the Consumer.
5. The warranty will completely lose its validity in the event of any of the following hypotheses: a) if the defect is not manufacturing, but caused by the Consumer or by third parties outside the manufacturer; b) if damage to the product arises from accidents, accidents, acts of nature (lightning, floods, landslides, etc.), humidity, voltage in the electrical network (overvoltage caused by accidents or excessive fluctuations in the network), installation/use in disagreement with the user manual or resulting from natural wear and tear of parts, pieces and components; c) if the product has been influenced by a chemical, electromagnetic, electrical or animal nature (insects, etc.); d) if the product's serial number has been tampered with or erased; e) if the device has been tampered with.
6. This warranty does not cover loss of data, therefore, it is recommended, if applicable to the product, that the Consumer makes a regular backup copy of the data contained in the product.

7. Intelbras is not responsible for the installation of this product, nor for any attempts at fraud and/or sabotage in its products. Keep the software and applications used up to date, if applicable, as well as the necessary network protections to protect against intrusions (hackers). The equipment is guaranteed against defects within its normal conditions of use, and it is important to be aware that, as it is electronic equipment, it is not free from fraud and scams that could interfere with its correct functioning.
8. After its useful life, the product must be delivered to an authorized Intelbras technical assistance department or directly disposed of in an environmentally appropriate manner, avoiding environmental and health impacts. If you prefer, the battery, as well as other unused Intelbras brand electronics, can be discarded at any Green Eletron collection point (electronic waste manager with which we are associated). If you have any questions about the reverse logistics process, please contact us by telephone (48) 2106-0006 or 0800 704 2767 (Monday to Friday from 8am to 8pm and Saturdays from 8am to 6pm) or via email -mail support@intelbras.com.br.
9. LGPD - General Personal Data Protection Law: Intelbras does not access, transfer, capture, or carry out any other type of processing of personal data using this product.

These being the conditions of this complementary Warranty Term, Intelbras S/A reserves the right to change the general, technical and aesthetic characteristics of its products without prior notice.

All images in this manual are illustrative.

# intelbras



talk to us

**Customer Support:** ☎ +55 (48) 2106 0006  
Forum: [forum.intelbras.com.br](http://forum.intelbras.com.br)

**Support via chat:** [chat.apps.intelbras.com.br](http://chat.apps.intelbras.com.br)

**Support via e-mail:** [suporte@intelbras.com.br](mailto:suporte@intelbras.com.br)

**Customer Service / Where to buy? / Who installs it?:** 0800 7042767

Imported to Brazil by: Intelbras S/A – Indústria de Telecomunicação Eletrônica Brasileira  
Rodovia SC 281, km 4,5 – Sertão do Marum – São José/SC – 88122-001  
CNPJ 82.901.000/0014-41 – [www.intelbras.com.br](http://www.intelbras.com.br) | [www.intelbras.com](http://www.intelbras.com)