

## English (US)

Installation and operating instructions

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### 1. Location

This repeater is only for use with the ALPHA 15-55 HWR-D system and is intended for indoor installation only in areas safe from droplets and splashes.

For optimum use, place the repeater between the ALPHA 15-55 HWR-D pump and the push-button located furthest away from the pump.

### 2. Installing the product

To install the repeater:

1. Connect the included USB cable to the repeater.
2. Connect the other end of the USB cable to the included power adapter.
3. Fit the included plug adapter to the power adapter.

4. Plug the power adapter into a power outlet to power on the repeater.

5. The LED on the repeater will light green to indicate the repeater is in operation.

### 3. Control functions

The repeater LED lights green when the repeater is in operation.

### 4. Approvals



Intertek

### FCC sections

#### Section 15.19 (a) 3

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.

#### Section 15.21

Any changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

#### Section 15.105 (b)

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated keeping the radiator at least 8 in (20 cm) or more away from person's body.

### Canadian ISED information

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules.

Cet équipement est conforme aux limites

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ECM: 1251564

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d'exposition aux rayonnements définies par la norme FCC / IC pour un environnement non contrôlé et est conforme aux directives d'exposition de la FCC en matière de radiofréquences et la norme RSS-102, des règles d'exposition aux radiofréquences (RF) de l'IC. Cet équipement doit être installé et utilisé en maintenant le radiateur à au moins 8 in (20 cm) du corps de la personne.

This device (Repeater HWR-D) 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.

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2. This device must accept any interference, including interference that may cause undesired operation of the device. Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3(B)/NMB-3(B).

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : 1. L'appareil ne doit pas produire de brouillage; 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est suscep-

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tible d'encompromettre le fonctionnement. Étiquette de conformité à la NMB-003 d'Innovation, Sciences et Développement économique Canada : CAN ICES-3(B)/3(B).

This device (Repeater HWR-D) complies with Industry Canada RSS-247 and license-exempt RSS standard(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.

Ce dispositif est conforme à la norme CNR-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son

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fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

#### 5. Fault finding

If the range for the push-button is not improved by installing the repeater, relocate the repeater within the house for optimum range of wireless signals.

#### 6. Technical data

Ambient temperature:  
34 to 104 °F (1 to 40 °C)  
Supply voltage for repeater with USB plug:  
5 V DC +/- 10%

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Supply voltage for AC power adapter for the repeater:  
100-240 V AC +/- 10%,  
50-60 Hz

#### 7. Disposing of the product

This product or parts of it must be disposed of in an environmentally sound way:

1. Use the public or private waste collection service.
2. If this is not possible, contact the nearest Grundfos representative. See also end-of-life information at [www.grundfos.com/product-recycling](http://www.grundfos.com/product-recycling)

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## GRUNDFOS INSTRUCTIONS

### Repeater HWR-D

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