



Smart Forced Air, Inc.

Repeater

Operators Manual

Version 1.2

28 January 2019



### **Liability Disclaimer**

BEFORE INSTALLING AND USING THIS SYSTEM PLEASE READ AND UNDERSTAND THIS IMPORTANT LIABILITY DISCLAIMER:

Incidental, consequential, punitive, and other similar damages associated with the operation of our system components are liabilities not assumed by Smart Forced Air, Inc. In any event, our maximum financial liability is limited to the total cost of the SFA products associated with any claim. Our liability and warranty do not cover any equipment or products other than Smart Forced Air, Inc. products. Our equipment is designed to be used with the vast majority of HVAC equipment. We strongly advise our customers to seek professional HVAC Dealer support to confirm there are no compatibility issues.



## **Welcome!**

Thank you for your purchase of the Smart Forced Air Repeater product.

### **Introduction**

The Repeater product is designed to perform three tasks. The first, and primary purpose of the Repeater is to extend the wireless range of the system components. The second purpose of the repeater is to behave as a temperature measurement backup for the system in the event all of the SFA Thermostats stop reporting (their batteries all died). The third and final purpose of the Repeater module is to facilitate firmware updates to the System.

### **Physical Installation**

The SFA Repeater is as easy to install as it looks; simply find a central location in the house or office building and plug it into the wall. It's that easy!

### **System Linking**

In most cases, the Repeater module will come already setup and linked into your system. You can verify this by looking at the system information on one of your Thermostats; that menu should indicate if a Repeater is linked into the SFA Comfort System.

If you do need to link the Repeater into the system for some reason, the process to is as follows:

- Enter linking mode on the Director or any of the Thermostats
- Press the link button on the bottom of the Repeater

That's it!

### **Firmware Updating**

If you are performing a firmware update, you will likely want to temporarily move the repeater to be closer to a computer for ease of access to the USB port.

If all modules are not seen after moving the Repeater for the firmware update, you have a few options:

- Move the Repeater back to where it was and bring your PC (hopefully a laptop!?) to the Repeater
- Bring the modules that can no longer be seen by the system closer to the PC (as long as it isn't the main Director module...)
- Purchase another Repeater to perform the update



## How to Contact Us

Find us on the web:

[www.smartforcedair.com](http://www.smartforcedair.com)

Email Us:

[support@smartforcedair.com](mailto:support@smartforcedair.com)

You can contact us via snail mail:

Customer Service

Smart Forced Air

PO BOX 4090

Bozeman, MT

59772



## Warranty

Smart Forced Air, Inc. (SFA) provides a two-year limited warranty against defects in materials and labor in the manufacturing process. The warranty period begins thirty days after we ship the product to the customer. We are aware of your shipping date and grant extra days to our warranty to allow for a reasonable worst-case shipping times and delays in getting the system installed and operational.

Our modules are not expected to be repaired in the field and therefore any hardware issues will involve the fast, no-charge replacement of a warranty covered module. Free shipping is FOB Montana, via ground shipping to the customer for warranty replacements. A free-shipping return shipping label for the return of the failed unit is also included. Out of warranty shipping is charged a nominal freight fee both directions, but we will send you a pre-paid return shipping tag to simplify the customer experience and expense (because we get discounts for commercial freight).

Firmware updates are going to be provided at no charge to present customers during the warranty period. Out-of-warranty hardware replacements will be made at a discounted price contingent on the return of the failed unit. Out-of-warranty firmware updates might be provided at a reasonable fee if new added features are included.

Any warranty-replacement unit will have a 90-day warranty extension granted beyond the remaining warranty period for that module. The customer will be given directions for how to claim her warranty replacement module by going to [www.smartforcedair.com/smartservice](http://www.smartforcedair.com/smartservice). A brief interactive troubleshooting guide will determine if the unit has indeed suffered a hardware failure. Otherwise, suggestions for easy repairs will be given to avoid any un-necessary delays waiting for a replacement unit. For more Customer Service information refer to the Operators Manual.

Smart Forced Air, Inc. is not responsible for defects caused by shipping damage. In that event, the customer must make a claim with the shipping company. We also do not warrant our products against any kind of damage (such as abuse, water, or fire) caused outside the normal expected use of our products. This warranty gives the customer specific legal rights. Some states offer their citizens special warranty protections that may give you special rights over and above those we offer to all customers.



## Regulatory Information

FCC ID: 2ASCS-SFA2019RPTR11

### CAUTION:

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

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.

### NOTE:

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 into 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

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.