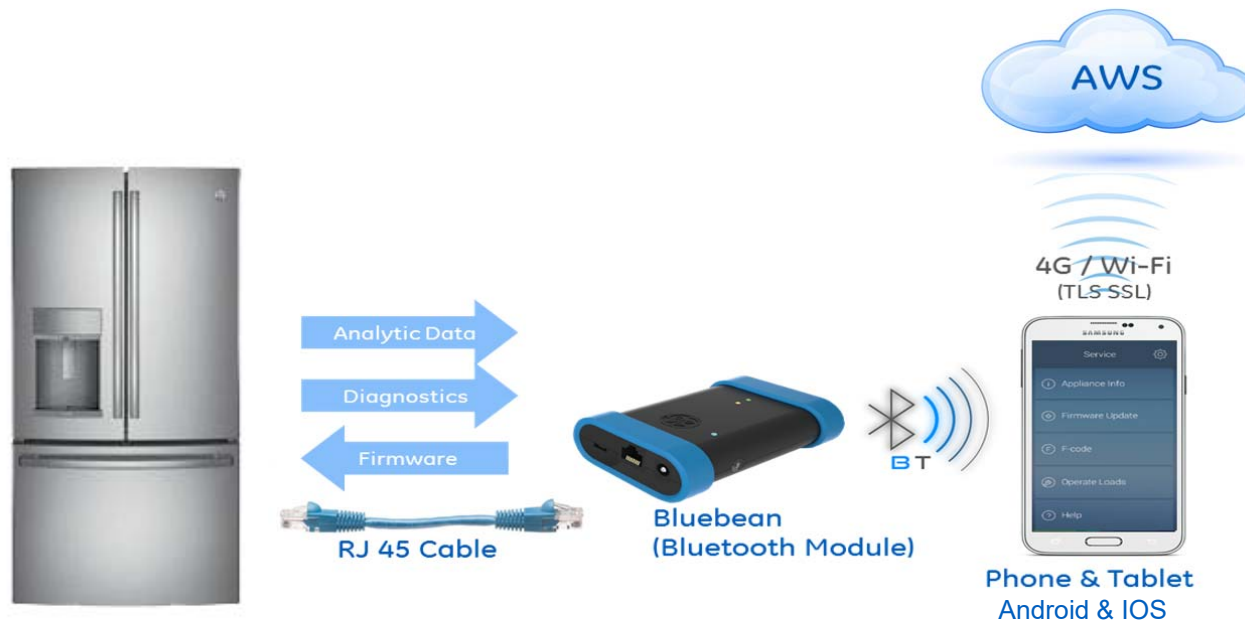


# NEWFI MOBILE DIAGNOSTICS



The NewFI mobile diagnostic tool is capable of obtaining information from an appliance for service diagnostics and deliver new software updates to the appliance. The system consists of a Bluetooth module (referred to as the Bluebean), a RJ45 cable to connect to the appliance and an Android or IOS phone or tablet. The Bluebean transmits information to and from the appliance to the phone/tablet via Bluetooth and the phone/tablet transmits back to the appliance via Bluetooth or to the cloud (Amazon Web Service) via Wi-Fi or 4G to communicate analytic data and download updates.



**GE APPLIANCES**  
a Haier company

# BLUEBEAN HARDWARE

Green / Blue Flashing & Red Solid – Not paired  
Green Flashing & Blue/Red Solid – Paired and connected

Red / Green Flashing  
ERROR

USB Power

RJ45 Power and Data

12 V Power  
Not Currently Used



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## Instruction Sheet

PCB Assembly NewFI Mobile  
WX

### Parts Included:

- NewFI 2.0 / Bluebean 2.0
- Ethernet Cable
- Instruction Sheet

### Important Notice



#### Caution

Although not recommended, if using a 120V adapter or a 12V 2.5mm barrel jack AC converter to power your device, use the recommended parts below.

1. 120V adapter:

SWI12-12-N-P6 from CUI. The datasheet is available here: <http://www.mouser.com/ds/2/670/swi12-n-607261.pdf>

2. 12V 2.5mm barrel jack AC converter:

Requirements are as follows:

Output 12VDC

Input 100 – 140 VAC minimum

Output Current: 200mA minimum

Must be UL rated and FCC Part 15B Class B rated

Must have over current protection of at most 3A

Operating temperature of 0°C – 40°C minimum

Support information for NewFI Mobile is available at the link below.

Users must be logged into the Service Website at

<https://ge-tag.custhelp.com> before clicking on the support link:

NewFI Support:

[https://ge-tag.custhelp.com/app/answers/detail/a\\_id/35593/kw/newfi%20mobile](https://ge-tag.custhelp.com/app/answers/detail/a_id/35593/kw/newfi%20mobile)

## REGULATORY INFORMATION

### FCC/IC 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.
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 B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to:

a) 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/television technician for help.

b) Accept any interference received, including interference that may cause undesired operation of the device.

**NOTE** that any changes or modifications to this wireless communication device that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Industry Canada's license-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'Industrie 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, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.