

Helloway

(HW8010/8020/8050)

Wireless Dual Band Signal Amplifier

User Manual



FCC WARNING

This device complies with Part 15, 22 and 24 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.

WARNING:

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

SAFTY WARNING

WARNING:

- The human user's body should always be separated from the antenna of the equipment by at least 20cm
- Do not remove the covers during working.
- Do not try to repair or replace any components inside of the quipment. Alteration or abuse of the equipment or other components will void this product's warranty, and could be dangerous to the user.

PACKAGE CONTENTS

1. HW8010/8020/8050 equipment 1PCS
2. Patch Antenna with SMA male connector
3. SMA male to FME male Adaptor for Optional External Antennas
4. 9'Antenna with Rare-Earth Magnetic Base, SMA male connector, and 10' Cord
5. DC Vehicle Power Connector with Fused Cigarette Lighter Plug and 9'Cord
6. AC Power plug with Cord to the Amplifier
7. 2 Velcro and Screw Mounting Kits.
8. User manual (this document)

INSTALLATION PROCEDURES

NOTE:

This wireless amplifier can be used for vehicle, boat, RV, home, office and all other applicable area. Do not place the equipment in direct sunlight or in an area

that has abrupt temperature and humidity changes.

1. Prepare a location. Place the equipment on a sturdy, and the surface in a well-ventilated area, makes sure that the air vents are not blocked.
2. Connect the Inside Antenna: The patch antenna is intended for indoors or in vehicle use only. Do not mount on a surface within 4 inches of metal. Remove the cap from the Amplifier connector marked with CELLULAR PHONE. Screw the patch antenna in to the CELLULAR PHONE connector and make sure to tighten it.

NOTE:

The internal antenna needs always position vertically. The inside antenna must be mounted with a separation distance of at least 20 cm from all persons and must not be co-located in conjunction with any other antenna or amplifier.

WARNING:

The SMA connector is fragile, handle it with extra caution, otherwise the connector might be broken, and it might not be covered under manufacturer warrantee.

3. Connect the Outside Antenna: The outdoor antenna is for outdoor use only. Select an outside mounting location. For best performance, try to keep the antenna on top of the vehicle. The outside antenna should be located in an area with at least a 12" radius clear of obstructions, and other radiating elements. Remove the cap from the Amplifier connector marked with OUTSIDE ANTENNA. Screw the outside antenna in to the OUTSIDE ANTENNA connector and make sure to tighten it.

NOTE:

Keep the separation distance between the inside and outside antennas at least 5 feet apart.

WARNING:

The outside antenna must be mounted with a separation distance of at least 3 feet from any of the vehicle occupants or nearby persons and must not be co-located or operating in conjunction with any other antenna or amplifier.

4. Connect the Power Cord: 1) Connect the power cord to the power connect on the top end of the amplifier marked with DC 6V, 2) connect the other end of the power cord to a grounded alternating current (AC) outlet. Also, if the Power Cord is connected to a power strip, make sure that the power strip is switched on. 3) The LED light is green, indicating that the Amplifier is ready to use.

NOTE:

To prevent damage to the Amplifier, before plugging in the Amplifier to a DC/AC power outlet, make sure that all of the connections (ANTENA to AMPLIFIER) to the Amplifier are tight and secure.

WARNING:

The input voltage for the Amplifier is 6V DC. DO NOT use this Amplifier with a regular 12V power supply. If a 12-volt power supply is connected directly to this Amplifier, it will be damaged and the user may also be injured.

(Optional) Mounting the Amplifier with Velcro:

You can leave the Amplifier on top of a flat surface or use the enclosed Velcro straps to mount the Amplifier. There are two 6cm x 2.5cm Velcro strips (hook-and-loop pairs) in the box for mounting the amplifier.

Determine the location where your Amplifier will be placed. Clean the intended surface and allow it to dry. Peel the protective paper from the back of the hook sides of the Velcro. Press the adhesive side of the Velcro strips into place on the bottom of the Amplifier, one strip on each end. Wait 5 minutes for the adhesive to set before attaching the loop side of the Velcro to the hook side. The adhesive bond will reach its maximum strength after 24 hours.

With both of the Velcro loop and hook pieces attached to the back of the Amplifier, peel the protective paper off of the back of the loop strips. Press the entire Amplifier into its mounting place. Wait 5 minutes for the adhesive to set. Make sure the Amplifier is firmly seated. To remove the Amplifier, rotate it across the Velcro – do not pull the Amplifier or cables.

(Optional) Using Other External Antennas:

It is possible to connect this Amplifier to an external antenna that is not supplied in this package. If the user wishes to do that, it may be necessary to use the included Adapter to couple that antenna to the Amplifier. This Adapter connects to the antenna input side of the Amplifier with an SMA-type male connection. The other side of the Adapter is an FME-type male or N-type female connector, which may be used to connect with other antennas that use the FME or N type of physical connector.

STARTING THE AMPLIFIER

The signal is received by the outside antenna from the cell tower, then amplified and transmitted to your phone through the inside antenna. When the phone transmits, the signal is received by the inside antenna, then amplified and transmitted to the cell tower through the outside antenna.

Now you are ready to make and receive cell phone calls with powerful signal amplification! Note that it is normal for the Amplifier's case to be warm during operation.

Press any cell phone key to refresh its communication with the base station. If your signal is weak, having this Amplifier installed and operating properly will give you a large increase in the signal strength and quality. The change in the signal strength can be seen on the visual display of your cell phone, and heard on your receiver or headset. To see the difference, try operating your phone in an area that is known to have weak cell phone signals. You will be amazed at the dramatic difference the PHONETONE Signal Amplifier provides!

TROUBLESHOOTING AND SUPPORT

During using your Amplifier, if the Amplifier interferes with your radio or other electronic device, move the Amplifier further away from those devices, you might be able to solve it yourself.

If necessary, please contact your local dealer or send e-mail to our support team by the following methods:

E-mail: support@phonetone-tech.com

If you want to know about Phonetone Company and products for more information, please visit at: www.phonetone-tech.com

WARRANTY

Warranty information applicable to your Amplifier

- Warranty Period: 1 year.
- Type of Warranty Service: Customer Replaceable Unit and Customer Carry-In or Mail-In Service.

For Warranty service consult the telephone list at www.phonetone-tech.com/contact us.

What this Warranty Covers

Phonetone warrants that each Machine 1) is free from defects in materials and workmanship and 2) conforms to Phonetone's Official Published Specifications which are available on request.

The warranty period for the Machine starts on the original date of installation. The date on your invoice or sales receipt is the date of installation unless Phonetone or your reseller informs you otherwise. Unless Phonetone specifies otherwise.

This warranty does not cover the following:

Failure resulting from misuse, accident, modification, unsuitable physical or operating

**environment, or improper maintenance by you;
The warranty is voided by removal or alteration of identification labels on
the Machine or its parts.**

**“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 centimeters
between the radiator and your body.”**

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