

2.4GHz/5.2GHz Wireless Network Adapter User ' s Guide

35220-QAB

Preliminary
Revision October 2005

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your warranty.

FCCID: T4S-35220-QAB

Exposure to Radio Frequency Radiation.

The radiated output power of the Wireless LAN Station Card is far below the FCC radio frequency exposure limit. Nevertheless, the wireless LAN Station Card shall be used in such a manner that the potential for human contact during normal operation is minimized.

Radio Frequency Interference Requirements

The operation of this device in the 5.15GHz to 5.25GHz frequency range is restricted to indoor use. FCC regulations require this Product to be used indoors while operating at 5.15GHz to 5.25GHz to reduce the Potential for harmful interference. However, the operation of this device in the 5.25GHz to 5.35GHz frequency range is allowed for both indoor and outdoor use.

High Power radars are allocated as primary users of the 5.25GHz to 5.35GHz and 5.65GHz to 5.85GHz bands. These radar stations can cause interference with and/or damage to this device.

FCC Warning

This equipment has been tested and found to comply with the limits for a 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. 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 radio/TV receiving antenna.

- Increase the separation between the equipment and the radio/TV receiver.

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

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

Modifications made to the product, unless expressly approved by Honda R&D Co., Ltd. could void the user's authority to operate the equipment.

FCC Radio Frequency Exposure Statement

This equipment generates and radiates radio-frequency energy. In order to comply with FCC radio-frequency radiation exposure guidelines for an uncontrolled environment, this equipment has to be installed and operated while maintaining a minimum body to antenna distance of 20cm. Based on continuous exposure of 30minutes.

Users are not permitted to make changes or modify the system in any way.

If you have questions about this product, call the Honda R&D Co., Ltd. at xxx-xxxx-xxxx.

The number below is for FCC-related matters only.

To comply with FCC RF exposure compliance requirements, this device must not be co-located or operating in conjunction with any other antenna or transmitter.

Declaration of Conformity

Trade Name: Honda R&D Co., Ltd.

Model No. : 35220-QAB

Responsible Party: TOKO, Inc.

Address: 18 Oaza Gomigaya Tsurugashimashi Saitama-ken 350-2281 JAPAN

Telephone: +81-49-279-1625

This phone number is for FCC-related matters only.

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.

The supplied interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

European Community Declaration of Conformity with Regard to the R&TTE Directive 1999/5/EC

The following standards were applied: (Omni)

■ Radio: EN 300-328 v1.6.1 (2.4-GHz operation)

■ EN 301-893 v1.2.3 (5-GHz operation)

■ EMC: EN 301.489-1 v1.4.1, EN 301.489-17 v1.2.1

■ Safety: IEC 60950 (1999 3rd Edition with Amend. 1,2,3,4) & EN 60950 (2000)

Note: This equipment is intended to be used in all EU and EFTA countries. Outdoor use may be restricted to certain frequencies and/or may require a license for operation. For more details, contact your customer service representative.

To comply with RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Member States shall ensure that the manufacturer or the person responsible for placing the apparatus on the market provides information for the user on the intended use of the apparatus, together with the declaration of conformity to the essential requirements. Where it concerns radio equipment, such information shall be sufficient to identify on the packaging and the instructions for use of the apparatus the Member States or the geographical area within a Member State where the equipment is intended to be used and shall alert the user by the marking on the apparatus referred to in Annex VII, paragraph 5, to potential restrictions or requirements for authorization of use of the radio equipment in certain Member States.

Declaration of Conformity with Regard to the R&TTE Directive 1999/5/EC

Česky [Czech]	HONDA tímto prohlašuje, že tento 35220-QAB je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede HONDA erklærer herved, at følgende udstyr 35220-QAB overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]	Hiermit erklärt HONDA dass sich das Gerät 35220-QAB in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab HONDA seadme 35220-QAB vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, HONDA declares that this 35220-QAB is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]	Por medio de la presente HONDA declara que el 35220-QAB cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΤΗΝ ΠΑΡΟΥΣΑ HONDA ΔΗΛΩΝΕΙ ΟΤΙ 35220-QAB ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/EK.
Français [French]	Par la présente HONDA déclare que l'appareil 35220-QAB est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]	Con la presente HONDA dichiara che questo 35220-QAB è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo HONDA deklarē, ka 35220-QAB atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo HONDA deklaruoją, kad šis 35220-QAB atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart HONDA dat het toestel 35220-QAB in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]	Hawnhekk, HONDA , jiddikjara li dan 35220-QAB jikkonforma mal-ħtiġijiet essenzjali u ma provvimenti oħrajn rilevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, HONDA nyilatkozom, hogy a 35220-QAB megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym, HONDA , deklaruję, że 35220-QAB spełnia wymagania zasadnicze oraz stosowne postanowienia zawarte Dyrektywie 1999/5/EC.
Português [Portuguese]	HONDA declara que este 35220-QAB está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]	HONDA izjavlja, da je ta 35220-QAB v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]	HONDA týmto vyhlasuje, že 35220-QAB spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]	HONDA vakuuttaa täten että 35220-QAB tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar HONDA att denna 35220-QAB står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

電波に関するご注意

- ・ 本機器におけるIEEE02.11aでの通信は屋内に限られます。
- ・ IEEE802.11g/bで使用する周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局(免許を要する無線局)及び特定小電力無線局(免許を要しない無線局)が運用されています。
 1. この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局が運用されていないことを確認してください。
 2. 万一、この機器から移動体識別用の構内無線局に対して電波干渉の事例が発生した場合には、速やかに仕様周波数を変更するか、又は電波の発射を停止した上、弊社サポートセンターにご連絡頂き、混信回避のための処置等(例えば、パーティションの設置など)についてご相談ください。
 3. その他、この機器から移動体識別用の特定小電力無線局に対して電波干渉事例が発生した場合など何かお困りのことが起きたときは、弊社サポートセンターへお問い合わせください。

Precautions

Safety

Do not drop the WLAN Card. Careful handling will help prevent damage.

Installation

Do not place the WLAN Card where it will be exposed to the following conditions:

- Unstable surface.

- High humidity or poor ventilation.

- Excessive dust.

- Direct sunlight or extreme heat.

- Closed cars.

- Magnetized location (near magnet, speakers, or televisions).

- Locations exposed to frequent vibration.

- Locations where the transmission of radio waves may be obstructed by metal plates or concrete walls.

Operation

Exposure to cold-to hot temperature extremes or very damp environments may cause moisture to condense on internal parts. This may prevent the WLAN Card from operating properly.

If this should happen, unplug the AC adapter from the power outlet and let the WLAN Card sit for two to three hours or until the moisture evaporates.

Cleaning

Clean the casing with a soft cloth lightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene. This may damage the finish of the casing.

Introduction

Wireless Station Card (35220-QAB) enables to connect with LAN (Local Area Network), connecting with AP. Wireless Station Card has two diversity connector (MMCX), it enables to select non-direction type (35230-AB) or directional type (35240-QAB).

Package Contents

Check contains as below:

35220-QAB driver set (CD-ROM)

Wireless Station Card (35220-QAB)



External Non-directional type Antenna (35230-QAB)

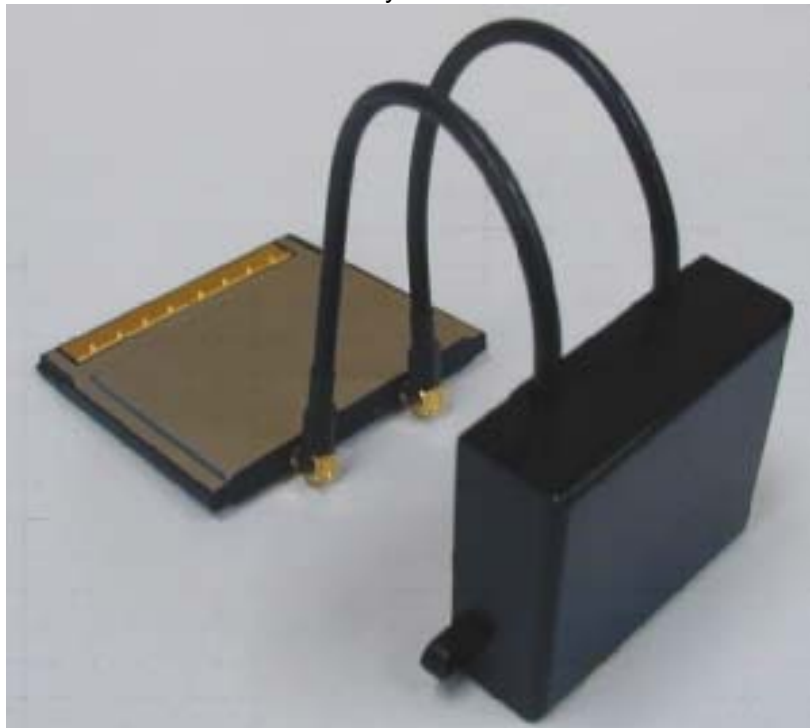


External Directional type Antenna (35240-QAB)

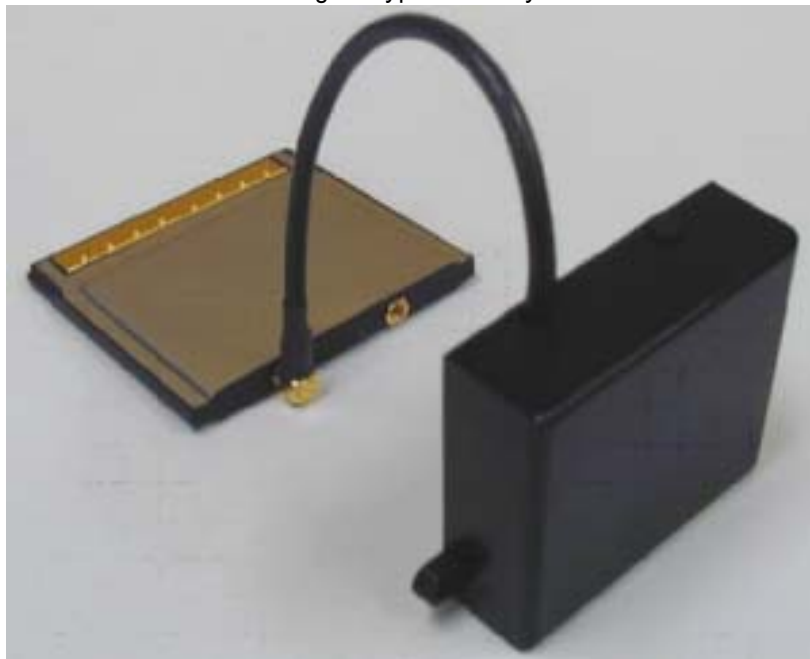


Device Installation

- 1) Set 35220-QAB into Cardbus host connector. Note that host must be powered off.
- 2) Connect External non-directional antenna (35230-QAB) as below.
This antenna is diversity antenna so both MMCX connectors shall be used.



- 3) Or, Connect External directional antenna (35240-QAB) as below.
This antenna is single type so only one MMCX connector shall be used.



- 3) Fasten two screws to fix antenna.
- 4) Power on the host. It automatically connects to network.