

## **Operators Manual N45 Radio**

**Note: This is a DRAFT manual for the module. The final manual that ships with the end product will contain this information.**

The radio module is an IEEE 802.11 b/g radio device operating on the standard Wi-Fi channels in the region where it is used.

The radio module is a custom designed module for use in a handheld device, Model Number A1213. The Radio Module measures 19.8 mm (0.779 inches) long by 6.5 mm (0.255 inches) wide by 1.3 mm (0.051 inches) high. The radio module, antenna, battery and other circuits are not user accessible. The product is designed such that key parts of the device may be permanently damaged if a user tries to access the interior of the device without special tools.

The radio module obtains its power from the non-user accessible rechargeable battery within the A1213. The battery is charged from a USB port on a computer or from an external custom designed power adapter.

The radio module and antenna allow the A1213 device to connect to Wi-Fi networks at home, at work and at Wi-Fi hot spots. The Model number A1213 has a menu for general settings to configure the Wi-Fi radio. There is also a status indicator showing the strength of the Wi-Fi signal being received.

### **Exposure to Radio Frequency Energy**

N45 contains a radio transmitter and receiver. When on, N45 can receive and send out radio frequency (RF) energy through its antenna. The N45 antenna is located near the back left corner of the N45 as you hold the end containing the dock connector facing down. N45 is designed and manufactured to comply with the limits for exposure to RF energy set by the Federal Communications Commission (FCC) of the United States and other countries. The exposure standard employs a unit of measurement known as the specific absorption rate or SAR.

N45 has been tested and meets the SAR exposure requirements for Wi-Fi operation.

If you are concerned about exposure to RF energy, you can limit your exposure by limiting the amount of time using N45, since time is a factor in how much exposure a person receives, and by placing more distance between your body and the N45, since exposure level drops off dramatically with distance.

### **Additional Information**

For more information from the US FCC about exposure to RF energy, see: [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)

For more information about the scientific research related to RF energy exposure, see the EMF Research Database maintained by the World Health Organization at: [www.who.int/emf](http://www.who.int/emf)

## FCC 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

*Important:* Changes or modifications to this product not authorized by Apple could void the EMC compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

Responsible party (contact for FCC matters only) Apple Inc. Product Compliance, 1 Infinite Loop, M/S 26A, Cupertino, CA 95014.

This device must not be co-located with other transmitters.

## Canadian Compliance Statement

Complies with the Canadian ICES-003 Class B specifications. Cet appareil numérique de la Classe B est conforme à la norme NMB-003 du Canada. This device complies with RSS 210 of Industry Canada. This Class B device meets all the requirements of the Canadian interference-causing equipment regulations. Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

## European Community Compliance Statement

The equipment complies with the RF Exposure Requirement 1999/519/EC, Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0- 300GHz.). This equipment meets the following conformance standards:

EN 300 328, EN 301 894, EN 301 489-17, EN 50385

Europe – EU Declaration of Conformity

Česky [Czech]

Apple Inc. tímto prohlašuje, že tento *802.11 b/g WiFi* je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Dansk [Danish]

Undertegnede *Apple Inc* erklærer herved, at følgende udstyr *802.11 b/g WiFi* overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Deutsch [German]

Hiermit erklärt *Apple Inc.*, dass sich das Gerät *802.11 b/g WiFi* in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.

Eesti [Estonian]

Käesolevaga kinnitab *Apple Inc* seadme *802.11 b/g WiFi* vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

English

Hereby, *Apple Inc.*, declares that this *802.11 b/g WiFi* is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Español [Spanish]

Por medio de la presente *Apple Inc.* declara que el *802.11 b/g WiFi* cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Ελληνική [Greek]

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ *Apple Inc.* ΔΗΛΩΝΕΙ ΟΤΙ *802.11 b/g WiFi* ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Français [French]

Par la présente *Apple Inc.* déclare que l'appareil *802.11 b/g WiFi* est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Italiano [Italian]

Con la presente *Apple Inc.* dichiara che questo *802.11 b/g WiFi* è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Latviski [Latvian]

Ar šo *Apple Inc.* deklarē, ka *802.11 b/g WiFi* atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių [Lithuanian]

Šiuo *Apple Inc.* deklaruoja, kad šis *802.11 b/g WiFi* atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas

Nederlands [Dutch]

Hierbij verklaart *Apple Inc.* dat het toestel *802.11 b/g WiFi* in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Malti [Maltese]

Hawnhekk, *Apple Inc.*, jiddikjara li dan *802.11 b/g WiFi* jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Magyar [Hungarian]

Alulírott, *Apple Inc.* nyilatkozom, hogy a *802.11 b/g WiFi* megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Polski [Polish]

Niniejszym *Apple Inc.* oświadcza, że *802.11 b/g WiFi* jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Português [Portuguese]

*Apple Inc.* declara que este *802.11 b/g WiFi* está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovensko [Slovenian]

*Apple Inc.* izjavlja, da je ta *802.11 b/g WiFi* v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES

Slovensky [Slovak]

*Apple Inc.* týmto vyhlasuje, že *802.11 b/g WiFi* spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Suomi [Finnish]

*Apple Inc.* vakuuttaa täten että *802.11 b/g WiFi* -tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska [Swedish]

Härmed intygar *Apple Inc.* att denna *802.11 b/g WiFi* står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Íslenska [Icelandic]

Hér með lýsir *Apple Inc.* yfir því að *802.11 b/g WiFi* er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Norsk [Norwegian]

*Apple Inc.* erklærer herved at utstyret *802.11 b/g WiFi* er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

A copy of the Declaration of Conformity is available at: <http://www.apple.com/euro/compliance/>



The N45 can be used in the following European Community and EFTA Countries

AT	BG	BE	CY	CZ	DK
EE	FI	FR	DE	GR	HU
IE	IT	LV	LT	LU	MT
NL	PL	PT	RO	SK	SL
ES	SE	GB	IS	LI	NO
CH					

#### European Community Restrictions

France – For indoor use only. Consult ART for restrictions on the use of Channels 1 through 9. [www.art-telecom.fr](http://www.art-telecom.fr) ([Translate into French and add](#))

Italy - For indoor use only. If used outside of own premises, general authorization is required. ([Translate in Italian and add](#))

Greece - For indoor use only. ([Translate into Greek and add](#))

## VCCI Class B Statement

### 情報処理装置等電波障害自主規制について

この装置は、情報処理装置等電波障害自主規制協議会 (VCCI) の基準に基づくクラス B 情報技術装置です。この装置は家庭環境で使用されることを目的としています。この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取扱をしてください。