

TOSHIBA

MULTIFUNCTIONAL DIGITAL COLOR SYSTEMS /
MULTIFUNCTIONAL DIGITAL SYSTEMS

Wireless LAN/Bluetooth Precautions for Use

GN-4030


Preface


Thank you for purchasing our product. This manual explains the precautions for Wireless LAN/Bluetooth Module GN-4030. Read this manual before using the functions.


■ How to read this manual


□ Symbols in this manual


In this manual, some important items are described with the symbols shown below. Be sure to read these items before using this equipment.

 **WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding objects.

 **CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage to the equipment or surrounding objects, or loss of data.

 **Note** Indicates information to which you should pay attention when operating the equipment.

 **Tip** Describes handy information that is useful to know when operating the equipment.

 Pages describing items related to what you are currently doing. See these pages as required.

□ Target audience for this manual

This is a manual that is aimed at general users and administrators.

□ Model and series names in this manual

In this manual, each model name is replaced with the series name as shown below.

Model name	Series name
e-STUDIO330AC/400AC	e-STUDIO400AC Series

□ Options

For the available options, refer to the **Quick Start Guide** for this equipment.

□ Trademarks

For trademarks, refer to the **Safety Information**.

Precautions for Wireless LAN/Bluetooth Adapter

■ Precautions for Use

This product is classified as “wireless equipment for stations of low-power data transmissions systems” under the Wireless Telegraphy Act, and does not require a radio transmission license. The law prohibits modification of the interior of this product.

■ About Our Wireless Solution

□ Wireless Interoperability

The Wireless LAN is designed to be interoperable with wireless LAN technology that is based on the DSSS/OFDM radio technology.

- Wi-Fi (Wireless Fidelity) certified by the Wi-Fi Alliance. This means that your Wireless hardware will communicate with other vendors' IEEE 802.11 B/G/N compliant wireless LAN product.
- Fully compatible with any of other wireless LAN system based on Direct Sequence Spread Spectrum (DSSS)/ Orthogonal Frequency Division Multiplexing (OFDM) radio technology that complies with the IEEE802.11 standard on wireless LANs (Revision B/G/N).

□ Bluetooth Interoperability

Bluetooth module is designed to be interoperable with any product with Bluetooth wireless technology that is based on Adaptive Frequency Hopping (AFH) radio technology.

- The profile version 2.1, 3.0 as defined and approved by the Bluetooth Special Interest Group.
- Logo certification with Bluetooth wireless technology as defined by the Bluetooth Special Interest Group.

□ Wireless and your Health

For wireless and your health, refer to the **Safety Information**.

□ Wireless Specification

For the wireless specification (frequency band, transmitter power and etc.), refer to the **Specifications Guide**.

■ Regulatory Information

The Wireless LAN/Bluetooth must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. This device complies with the following radio frequency and safety standards.

❑ Canada – Innovation, Science and Economic Development Canada (ISED)

This Class B digital apparatus complies with Canadian ICES-003, RSS-247, and CAN ICES-3(B)/NMB-3(B).

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003, RSS-247, et CAN ICES-3(B)/NMB-3(B).

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. The IC ID for this device is 1004C-GN4030.

Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement. L'identifiant IC de cet appareil est 1004C-GN4030.

Radio Frequency (RF) Exposure Information The radiated output power of the Wireless Device is below the Innovation, Science and Economic Development Canada (ISED) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized. This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when installed in specific host products operated in portable exposure conditions.

Informations concernant l'exposition aux fréquences radio (RF) La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Innovation, Sciences et Développement économique Canada (ISDE). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a été évalué et démontré conforme aux limites SAR (Specific Absorption Rate – Taux d'absorption spécifique) d'IC lorsqu'il est installé dans des produits hôtes particuliers qui fonctionnent dans des conditions d'exposition à des appareils portables.

❑ Europe EU Declaration of conformity

This device complies the Radio Equipment Directive 2014/53/EU.

The simplified EU declaration of conformity.

[EN] English	Hereby, Toshiba Tec Corporation declares that the radio equipment type GN-4030 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.toshibatec.eu/support/environment
[BG] Bulgarian	С настоящото Toshiba Tec Corporation декларира, че този тип радиосъоръжение GN-4030 е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.toshibatec.eu/support/environment
[CS] Czech	Tímto Toshiba Tec Corporation prohlašuje, že typ rádiového zařízení GN-4030 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.toshibatec.eu/support/environment
[DA] Danish	Hermed erklærer Toshiba Tec Corporation, at radioudstyrtypen GN-4030 er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.toshibatec.eu/support/environment

[DE] German	Hiermit erklärt Toshiba Tec Corporation, dass der Funkanlagentyp GN-4030 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.toshibatec.eu/support/environment
[ET] Estonian	Käesolevaga deklareerib Toshiba Tec Corporation, et käesolev raadioseadme tüüp GN-4030 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.toshibatec.eu/support/environment
[EL] Greek	Με την παρούσα ο/η Toshiba Tec Corporation, δηλώνει ότι ο ραδιοεξοπλισμός GN-4030 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.toshibatec.eu/support/environment
[ES] Spanish	Por la presente, Toshiba Tec Corporation declara que el tipo de equipo radioeléctrico GN-4030 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.toshibatec.eu/support/environment
[FR] French	Le soussigné, Toshiba Tec Corporation, déclare que l'équipement radioélectrique du type GN-4030 est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: https://www.toshibatec.eu/support/environment
[IT] Italian	Il fabbricante, Toshiba Tec Corporation, dichiara che il tipo di apparecchiatura radio GN-4030 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.toshibatec.eu/support/environment
[LV] Latvian	Ar šo Toshiba Tec Corporation deklarē, ka radioiekārta GN-4030 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.toshibatec.eu/support/environment
[LT] Lithuanian	Aš, Toshiba Tec Corporation, patvirtinu, kad radijo įrenginių tipas GN-4030 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.toshibatec.eu/support/environment
[HR] Croatian	Toshiba Tec Corporation ovime izjavljuje da je radijska oprema tipa GN-4030 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.toshibatec.eu/support/environment
[HU] Hungarian	Toshiba Tec Corporation igazolja, hogy a GN-4030 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.toshibatec.eu/support/environment
[MT] Maltese	B'dan, Toshiba Tec Corporation, niddikjara li dan it-tip ta' tagħmir tar-radju GN-4030 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://www.toshibatec.eu/support/environment
[NL] Dutch	Hierbij verklaar ik, Toshiba Tec Corporation, dat het type radioapparaat GN-4030 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.toshibatec.eu/support/environment
[PL] Polish	Toshiba Tec Corporation niniejszym oświadcza, że typ urządzenia radiowego GN-4030 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.toshibatec.eu/support/environment

[PT] Portuguese	O(a) abaixo assinado(a) Toshiba Tec Corporation declara que o presente tipo de equipamento de rádio GN-4030 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.toshibatec.eu/support/environment
[RO] Romanian	Prin prezenta, Toshiba Tec Corporation declară că tipul de echipamente radio GN-4030 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.toshibatec.eu/support/environment
[SK] Slovak	Toshiba Tec Corporation týmto vyhlasuje, že rádiové zariadenie typu GN-4030 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.toshibatec.eu/support/environment
[SL] Slovenian	Toshiba Tec Corporation potrjuje, da je tip radijske opreme GN-4030 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.toshibatec.eu/support/environment
[FI] Finish	Toshiba Tec Corporation vakuuttaa, että radiolaitetyypin GN-4030 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.toshibatec.eu/support/environment
[SV] Swedish	Härmed försäkrar Toshiba Tec Corporation att denna typ av radioutrustning GN-4030 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.toshibatec.eu/support/environment

Importer (For EU):

Toshiba Tec Germany Imaging Systems GmbH
Carl-Schurz-Str.7, 41460 Neuss, Germany

Importer (For UK):

Toshiba Tec U.K. Imaging Systems Limited
Abbey Cloisters, Abbey Green, Chertsey, Surrey, KT16 8RB, The United Kingdom

Manufacturer:

Toshiba Tec Corporation
1-11-1, Osaki, Shinagawa-ku, Tokyo, 141-8562, Japan

❑ USA – Federal Communications Commission (FCC)

Supplier's Declaration of Conformity:

Wireless LAN/Bluetooth Module GN-4030

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.

Toshiba America Business Solutions, Inc.
25530 Commercentre Drive
Lake Forest, CA 92630
Tel: 949-462-6000

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.

Non-modification Statement:

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

This device has been tested and meets the FCC RF exposure guidelines. The maximum SAR value reported is 0.571 w/kg.

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

Caution: Exposure to Radio Frequency Radiation.

To comply with FCC 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.

❑ Singapore Portion

Complies with IMDA Standards DA105282

❑ Approved Countries/Regions for use for our Wireless LAN/Bluetooth

This equipment is approved to the radio standard by the specific countries/regions. Please ask your service technician or representative.

■ NOTES!

- The unauthorized reproduction of this document, in whole or in part, is prohibited.
- The specifications, designs, and other contents of this document are subject to change without notice.
- The contents of this document are believed to be accurate, however if any discrepancies noted should be brought to the attention of your service technician or representative.
- Notwithstanding the foregoing, the manufacturer is unable to accept any claims for losses or lost profits, etc. Resulting from the use of this product.
- Toshiba Tec will not guarantee the machine performance if you perform any setting other than specified in this manual.

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Toshiba Tec Corporation

1-11-1, OSAKI, SHINAGAWA-KU, TOKYO, 141-8562, JAPAN

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