

# TOSHIBA



Portable Printer

## B-FP3D SERIES

### Owner's Manual



**CE Compliance (for EU only)**

This product complies with the requirements of EMC and R&TTE Directives including their amendments. CE marking is the responsibility of TOSHIBA TEC GERMANY IMAGING SYSTEMS GmbH, Carl-Schurz-Str. 7, 41460 Neuss, Germany.  
For a copy of the related CE Declaration of Conformity, please contact your dealer or TOSHIBA TEC.

**FCC Notice**

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.

Changes or modification not expressly approved by manufacturer for compliance could void the user's authority to operate the equipment.

"This Class B digital apparatus meets all 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."  
(for CANADA only)

**VORSICHT:**

Maschinenlärminformations-Verordnung 3. GPSGV, der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß EN ISO 7779.

Some types of this product are equipped with a wireless communication device, such as, BT800 and GS2100MIP. Please be sure to read the enclosed Precautions for Handling of Wireless Communication Devices before using this product.

**Note:**

When you purchase interface cables on the market, shielded cables must be chosen and used.

**This product is designed for commercial usage and is not consumer product.**

**The following information is for EU-member states only:**

**Disposal of batteries and/or accumulators**

**(based on EU-Directive 2006/66/EC,**

**Directive on batteries and accumulators and waste batteries and accumulators)**

The use of the symbol indicates that batteries and/or accumulators may not be disposed as unsorted municipal waste and has to be collected separately.

By ensuring that batteries and/or accumulators are disposed of correctly, you will help prevent potential negative consequences for the environmental and human health, which could otherwise be caused by inappropriate waste handling of this product.

For more detailed information about the take-back and recycling of batteries and/or accumulators, please contact your supplier where you purchased this product.

**California Proposition 65 Warning: USA-California only**

This Product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

For Taiwan

NCC 警語

低功率電波輻射性電機管理辦法第十二條經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。第十四條低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信規定作業之無線電信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

For Mexico

Bluetooth Module

IFT: XX-XXXX

BT800

Laird

WiFi Module

IFT: YY-YYYY

GS2100MIP

Gainspan

- La operación de este equipo está sujeta a las siguientes dos condiciones:

(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y

(2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada

For Korea

인명안전과 관련된 서비스는 할 수 없음

이 기기는 가정용(B 급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다

<English>

**CAUTION!**

1. Only use TOSHIBA TEC battery packs designed and manufactured for use with the specific printer model. There is a risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. When an external power source such as an AC adapter is connected to the printer, DO NOT use any device other than an exclusive one.

AC adapter: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Cigarette lighter adapter: B-EP802-DC12-QM-R  
DC adapter: B-EP800-DC48-QM-R

<Français>

**PRÉCAUTIONS!**

1. N'utilisez que les packs batteries Toshiba Tec conçus et fabriqués pour être utilisés avec ce modèle spécifique. Il y a un risque d'explosion si la batterie est remplacée par un modèle non adapté. Veuillez vous débarrasser des batteries usagées en respectant la réglementation.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. Lorsque vous connectez l'imprimante sur un adaptateur secteur externe, N'UTILISEZ PAS d'adaptateur différent de celui préconisé

Adaptateur secteur: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Adaptateur allume cigare: B-EP802-DC12-QM-R  
Convertisseur continu: B-EP800-DC48-QM-R

<Deutsch>

**Achtung!**

1. Benutzen Sie nur den für Ihr Druckmodell bestimmten Akku. Bei Verwendung eines falschen Akkus besteht die Gefahr einer Explosion. Entsorgen Sie den alten Akku gemäß den Vorschriften!

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. Sofern der Drucker den Strom durch eine externe Quelle bezieht, z.B. mit Hilfe eines AC Adapters, benutzen Sie nur den vorgegebenen Adapter.

AC Adapter: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Batterie-Ladekabel für Zigarettenanzünder: B-EP802-DC12-QM-R  
DC Adapter: B-EP800-DC48-QM-R

<Español>

**ATENCIÓN!**

1. Utilice baterías diseñadas y fabricadas por Toshiba Tec específicamente para este modelo. Existe riesgo de explosión si se usa un tipo de batería incorrecto. Deshágase de las baterías usadas según las instrucciones.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. Cuando conecte un alimentador externo a la impresora, como por ejemplo un adaptador AC, NO USE ningún dispositivo diferente al modelo exclusivo de cada impresora.

Adaptador AC: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Adaptador para mechero: B-EP802-DC12-QM-R  
Adaptador DC: B-EP800-DC48-QM-R

<Nederlands>

**WAARSCHUWING!**

1. Gebruik enkel de batterijeenheid die overeenstemt met de desbetreffende printer. Vervanging door een verkeerd type batterij kan een ontploffing veroorzaken. Dank uw batterijen af zoals voorgeschreven.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. Gebruik uitsluitend onderstaande wisselstroomadapter om de printer aan te sluiten met een externe voeding:

AC adapter: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Sigarettenaansteker adapter: B-EP802-DC12-QM-R  
DC adapter: B-EP800-DC48-QM-R

<Italiano>

**ATTENZIONE!**

1. Utilizzare il pacco batterie corretto per ogni modello di stampante. Esiste il rischio di esplosione se utilizzate le batterie sbagliate. Smaltite le batterie secondo le istruzioni.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. Qualora la stampante sia collegata ad una alimentazione esterna, esempio la presa in corrente alternata, utilizzate esclusivamente l'adattatore corretto:

Adattatore AC: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Adattatore per accendisigaro per automezzi: B-EP802-DC12-QM-R  
Adattatore DC: B-EP800-DC48-QM-R

< Português >

**ATENÇÃO!**

1. Utilize as baterias desenhadas e fabricadas pela Toshiba Tec especificamente para este modelo. Existe risco de explosão se for utilizado um tipo de bateria incorrecta. Desfaça-se das baterias usadas de acordo com as instruções.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. Ao conectar uma impressora à alimentação externa, como por exemplo a um adaptador AC, NÃO UTILIZE nenhum dispositivo diferente do modelo exclusivo para cada impressora.

Adaptador AC: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Adaptador para isqueiro: B-EP802-DC12-QM-R  
Adaptador DC: B-EP800-DC48-QM-R

<Polski>

**UWAGA!**

1. Należy używać wyłącznie zastawów baterii zaprojektowanych i wyprodukowanych dla konkretnego modelu drukarki. Wymiana baterii na baterię innego typu grozi wybuchem. Należy utylizować baterie zgodnie z podanymi instrukcjami.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. W przypadku używania zewnętrznego źródła zasilania drukarki np. zasilacza AC, NIE NALEŻY używać innego urządzenia poza wyspecyfikowanym.

Zasilacz AC: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
Zasilacz samochodowy: B-EP802-DC12-QM-R  
Zasilacz DC: B-EP800-DC48-QM-R

< 한국어 >

**주의!**

1. 배터리 팩은 본기기의 전용품을 사용 해 주십시오. 다른 배터리를 사용하면 폭발의 위험이 있습니다. 사용이 끝난 배터리는 설명서에 따라 처리해 주십시오.

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. 본기기에 AC 어댑터 등의 외부 전원을 접속하는 경우, 반드시 본기기 전용품을 사용 해 주십시오. 본기기 전용품 이외는 접속 하지 말아 주십시오.

AC 어댑터: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
시가 라이터 어댑터: B-EP802-DC12-QM-R  
DC 어댑터: B-EP800-DC48-QM-R

< 中文 (繁體字) >

**注意!**

1. 套裝充電電池只適用與本機專用用品。更換不適當形式的電池時，持有爆發的危險性。使用過後的電池，請按照說明書處理。

B-FP3D-GH30-QM-R  
B-FP3D-GH40-QM-R  
B-FP3D-GS30-QM-R  
B-FP3D-GS40-QM-R } B-FP803-BT-R

2. 聯接本機的AC電源供應器等外部電源時，只適用與本機的專用用品。請勿聯接本機專用用品之外任何產品。

AC 電源供應器: B-EP800-AC-QM-R (Model: FSP065-REBN2)  
點煙機電源供應器: B-EP802-DC12-QM-R  
DC 電源供應器: B-EP800-DC48-QM-R

English

**The following information is for EU-member states only:**

**Disposal of products  
(based on EU-Directive 2002/96/EC,  
Directive on Waste electrical and electronic equipment – WEEE)**



The use of the symbol indicates that this product may not be disposed of as unsorted municipal waste and has to be collected separately. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centers.

The black bar indicates that the product was placed on the market after August 13, 2005.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environmental and human health, which could otherwise be caused by inappropriate waste handling of this product.

For more detailed information about the take-back and recycling of this product, please contact your

Français

**Les informations suivantes ne concernent que les utilisateurs des pays membres de l'union Européenne :**

**Recyclage des produits  
(Basé sur la directive Européenne 2002/96/EC,  
Directive sur le recyclage des équipements électriques et électroniques – REEE – WEEE)**



L'utilisation de ce symbole indique que ce produit ne doit pas être jeté sans tri préalable, comme un déchet classique, mais doit être collecté séparément. Les batteries et accumulateurs intégrés peuvent être laissés en place, ils seront récupérés par le centre de recyclage.

La barre noire indique que ce produit a été mis sur le marché après le 13 Août 2005.

En vous assurant que ce produit est correctement mis au rebut, vous participerez à prévenir les éventuelles conséquences néfastes sur l'environnement et la santé publique qui pourraient autrement être causés par une gestion inappropriée des déchets contenus dans ce produit.

Pour obtenir des informations complémentaires sur la récupération et le recyclage de ce produit, veuillez contacter le fournisseur auprès duquel vous en avez fait l'acquisition.

Deutsch

**Wiederverwertungsinformationen für Verbraucher:**

**(gemäß EU-Directive 2002/96/EC,  
Gesetz über das Inverkehrbringen, die Rücknahme und die umweltverträgliche Entsorgung von Elektro- und Elektronikgeräten [ElektroG] – WEEE).**



Die folgenden Informationen gelten nur für EU-Mitgliedsstaaten.

Das durchgestrichene Mülltonnensymbol weist darauf hin, dass dieses Produkt nicht wie allgemeiner Hausmüll behandelt werden darf. Verbaute Batterien oder Akkus müssen vorher entnommen und separat entsorgt werden.

Der schwarze Balken unter dem Symbol besagt, dass das Produkt nach dem 13. August 2005 in Verkehr gebracht wurde.

Indem Sie aktiv mit helfen, dieses Produkt ordnungsgemäß zu entsorgen, helfen Sie mit mögliche negativen Auswirkungen auf die Umwelt sowie die menschliche Gesundheit zu vermeiden.

Für nähere Informationen zur Rücknahme und Wiederverwertung dieses Produktes wenden Sie sich bitte an Ihren Lieferanten.

Español

**La siguiente información solo concierne a los Estados Miembros de la UE:**

**Desechado de los productos  
(basado en la Directiva Europea 2002/96/EC,  
Directiva sobre Residuos de equipos eléctricos y electrónicos – REEE – WEEE)**



El uso de este símbolo indica que el producto no puede ser desechado como basura común doméstica por lo que debe ser recogido de forma separada. Sus baterías y acumuladores integrados pueden eliminarse junto con el aparato. Estos elementos serán separados en los centros de reciclado.

La barra negra indica que el producto fue puesto en el Mercado después del 13 de Agosto de 2005. Asegurando que nos deshacemos del producto de forma correcta, ayudaremos a evitar potenciales consecuencias negativas tanto para el medio ambiente como para la salud pública, que podrían producirse debido a un tratamiento inapropiado.

Para obtener información más detallada sobre la recogida y reciclaje de su producto, por favor, póngase en contacto con el proveedor que se lo suministró.

Argentina

**La siguiente información es solo para Argentina:**



El uso de este símbolo indica que este producto no puede ser tratado como residuos domésticos.

Asegúrese que este producto se deseché correctamente. Usted ayudara a evitar posibles consecuencias negativas para el medio ambiente y la salud humana, que podrían derivarse de la incorrecta manipulación de este producto.

Para mas información sobre el reciclaje de este producto, consulte con nuestro su distribuidor donde adquirió el producto.

**Onderstaande informatie geldt enkel in EU lidstaten:  
Het afdanken van producten (volgens EU-richtlijn 2002/96/EC,  
Richtlijn betreffende afgedankte elektrische en elektronische apparatuur – WEEE)**



Dit symbool geeft aan dat dit product niet mag afgedankt worden als algemeen huishoudelijk afval. Het dient afzonderlijk geïntegreerd te worden. Geïntegreerde batterijen of laders kunnen samen met dit product afgedankt worden. Zij worden in het recyclegecentreerd gescheiden. De zwarte balk geeft aan dat dit product na 13 augustus 2005 verhandeld werd.

Door een aangepaste afdanking van dit product beschermt u het milieu en de volksgezondheid tegen mogelijke schadelijke gevolgen, die anders zouden kunnen voortvloeien uit het onjuist verwerken van de resten van dit product. Vraag inlichtingen over de terugname en recycling van dit product aan uw leverancier.

**Le seguenti informazioni sono solo gli stati membri della UE:  
Smaltimento del prodotto  
(basato sulla direttiva EU-Directive 2002/96/EC,  
Direttiva sullo smaltimento per il Riciclaggio delle Apparecchiature Elettriche ed Elettroniche – RAEE – WEEE)**



Questo simbolo indica che i prodotti non possono essere smaltiti come rifiuti urbani non differenziati ma devono essere raccolti separatamente. Eventuali batterie o accumulatori possono essere smaltiti con il prodotto. Verranno separati dai centri di riciclaggio

La barra nera indica che il prodotto è stato inserito nel mercato dopo il 13 Agosto 2005

Assicuratevi che questo prodotto sia smaltito correttamente, contribuirete a prevenire potenziali conseguenze negative per l'ambiente e la salute umana, che potrebbero essere altrimenti causate da uno smaltimento improprio di questo prodotto.

Per maggiori dettagli sul riciclo, o su come rendere il prodotto, contattate il vostro fornitore.

**A informação que se segue é apenas dirigida a países membros da UE:  
Reciclagem de produtos (baseado na directive-UE 2002/96/EC,  
Directiva sobre a reciclagem de resíduos de equipamentos eléctricos e electrónicos – REEE – WEEE)**



O uso deste símbolo indica que este produto não pode ser colocado nos pontos de recolha de lixo comum e deve ser recolhido separadamente. As baterias integradas e acumuladores podem ser entregues juntamente com o produto. Serão depois separados nos centros de reciclagem.

A barra negra indica que o equipamento foi colocado no mercado após 13 de Agosto de 2005.

Ao assegurar-se que este produto é tratado correctamente está a ajudar a prevenir potenciais consequências negativas para o ambiente e para a saúde humana, que poderiam ser causadas pelo inapropriado tratamento deste produto.

Para mais informação sobre a reciclagem e tratamento deste produto, contacte o seu fornecedor.

**Informacje dla Państw członkowskich Unii Europejskiej:  
Utylizacja urządzeń  
(na podstawie dyrektywy Unii Europejskiej 2002/96/EC,  
Dyrektywa dotycząca odpadów elektrycznych i elektronicznych – WEEE)**



Użycie symbolu oznacza, że urządzenie nie może być traktowane jako niesegregowane odpady i musi być zebrane oddzielnie. Zintegrowane baterie i akumulatory mogą być utylizowane razem z urządzeniem. Zostaną one posegregowane w centrach utylizacji.

Czarny prostokąt oznacza, że urządzenie zostało wprowadzone na rynek po 13 sierpnia 2005.

Poprzez zastosowanie się do prawidłowych procedur utylizacji tego urządzenia, pomożecie Państwo ograniczyć potencjalne negatywne skutki dla środowiska i zdrowia ludzkiego, które mogłyby zaistnieć na skutek niewłaściwej utylizacji tego urządzenia.

W celu uzyskania dodatkowych informacji odnośnie zwrotu i utylizacji tego urządzenia prosimy o kontakt z punktem zakupu tego urządzenia.

**Following information is only for India:**



The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

For more detailed information about the take-back and recycling of this product, please contact your supplier where you purchased the product.

This product complies with the "India E-waste Rule 2011" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1% by weight and 0.01% by weight for cadmium, except for the exemption set in Schedule II of the Rule.

## **Precautions for Handling of Wireless Communication Devices**

**Bluetooth® Module: BT800 (GH30/GS30 model)**

**Wireless LAN Module: GS2100MIP (GH40/GS40 model)**

### **Trade Mark**

Bluetooth is a registered trademark owned by Bluetooth SIG, Inc. and used by TOSHIBA TEC CORPORATION under license.

### **Cautions**

#### **General**

For all countries and areas

This product is a wireless communication device, and the use of this product is restricted to the following countries or areas. If the product is used in the countries or areas other than the following, you may be punished according to the laws of those countries or areas.

USA, Canada, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom, Switzerland, Norway, Iceland, Liechtenstein, Australia, New Zealand

#### **For Europe**

##### **For Bluetooth and Wireless LAN**

Hereby, TOSHIBA TEC CORPORATION, declares that the BT800 and Gainspan are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. This equipment uses a radio frequency band that has not been harmonized throughout all EU and EFTA countries, and can be used EU and EFTA countries.

##### **For USA**

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.

Changes or modification not expressly approved by manufacturer for compliance could void the user's authority to operate the equipment.

##### **For Canada**

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.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment that is installed outdoors is subject to licensing.

##### **For Taiwan**

###### **Caution**

根據低功率電波輻射性電機管理辦法

Without permission, any company, firm or user shall not alter the frequency, increase the power, or change the characteristics and functions of the original design of the certified lower power frequency electric machinery.

The application of low power frequency electric machineries shall not affect the navigation safety nor interfere a legal communication, if an interference is found, the service will be suspended until improvement is made and the interference no longer exists.

##### **For safety**

Do not use this product in locations where use may be forbidden, for example, in an aeroplane or a hospital. If you do not know the forbidden areas, please refer to and follow the airline company or medical institution guidelines. Flight instruments or medical equipment may be affected, causing a serious accident.

Since this product uses extremely low power compared with mobile phones, it cannot possibly interfere the pacemakers and defibrillators. However, if the use of this product should be likely to have affected the pacemaker or defibrillator, immediately stop using the product and contact your TOSHIBA TEC sales agent.

Do not disassemble, modify, or repair the product. Doing so may cause injury. Also, modification is against the Laws and Regulations for Radio Equipment. Please ask your TOSHIBA TEC sales agent for repair.

##### **Precaution in use**

This product communicates with other devices by radio. Depending on the installation location, orientation, environment, etc., its communication performance may deteriorate or devices installed near by may be affected.



Keep away from microwave devices.

Communication performance may deteriorate or a communication error may occur due to radio interference emitted from the microwave device.

Since the Bluetooth and wireless LAN use the same radio frequency band, each radio wave may interfere with each other when they are used at the same time, causing a deterioration of communication performance or a disconnection of network. If there is any problem with connection, please stop using either Bluetooth or wireless LAN.

Do not use the product on a metal table or near a metal object.

Communication performance may be deteriorated.

#### **BT800 Specification**

Bluetooth version	V4.0 Dual Mode
Frequency	2.402 to 2.480 GHz
Maximum Transmit	Class 1
Power	+8 dBm from antenna "
Receive Sensitivity	-89 dBm
Data Rates	Up to 3 Mbps (over the air)
Communication distance	3m/360deg (For FP3D specification)
Certification (Module)	US/FCC: SQGBT800, CANADA/IC: 3147A-BT800  (Put on "Contains FCC ID: SQG-BT800" in certification label) Europe: RTTE 1995/5/EC Annex IV
Antenna specification	PN: AT3216-B2R7HAA, Mfg.: ACX, Type Ceramic, Gain: 0.5(dBi)

#### **GS2100MIP Specification**

Standard	IEEE802.11 b / g / n
Frequency	USA: 2,412 to 2,462 MHz ; EUROPE:2,412 to 2,472 MHz
Spacing	5 MHz
Channel:	USA:1 to 11 ch ; EUROPE:1 to 13 ch
Antenna	PCB Trace antenna (built-in module) @2.0dBi
Communication speed/ Modulation	IEEE802.11b : CCK modulation rates of 5.5 and 11 Mbps; DSSS modulation for data rate of 1 and 2 Mbps  IEEE802.11g : OFDM modulation rates of 6, 9, 12, 18, 24, 36, 48 and 54 Mb/s IEEE802.11n : 1x1 single stream, 20MHz channels (1x1 HT20), 400/800ns GI, MCS0-7 Data rates of 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65.0, 72.2 Mbps
Receive Sensitivity	802.11b -93dBm ; 802.11g -74dBm ; 802.11n -71dBm
Transmission output	802.11b Typ. 17 dBm (50.12mW) 802.11g Typ. 14 dBm (25.12mW) 802.11n Typ. 12 dBm (15.85mW)

#### **CAUTION!**

- 1.To avoid injury, be careful not to catch or jam your fingers while opening or closing the cover.
- 2.Do not touch moving parts. To reduce the risk that fingers, jewelry, clothing, etc., be drawn into the moving parts, turn off the power switch to stop movement.

#### **Safety Summary**

Personal safety in handling or maintaining the equipment is extremely important. Warnings and Cautions necessary for safe handling are included in this manual. All warnings and cautions contained in this manual and written inside or outside of the printer should be read and understood before handling or maintaining the equipment.

Do not attempt to effect repairs to this equipment. If a fault occurs that cannot be rectified using the procedures described in this manual, turn off the power, then contact your authorised TOSHIBA TEC representative for assistance.

#### **Safety Precautions**

This Owner's Manual and the products (machines) which you have purchased contain indications which should be observed in order to use the machines safely and prevent harm to yourself and others and damage to property. The meanings of these indications and symbols are given below.

Read these indications and become familiar with their contents before reading this Owner's Manual.

#### **Precautions**

The following precautions will help to ensure that this machine will continue to function correctly.

- (1) Try to avoid locations that have the following adverse conditions:
  - \*Temperatures out of the specification
  - \*High Humidity
  - \*Direct sunlight
  - \*Excessive vibration
- (2) The cover should be cleaned by wiping with a dry cloth or a cloth slightly dampened with a mild detergent solution. NEVER USE THINNER OR ANY OTHER VOLATILE SOLVENT on the plastic covers.
- (3) USE ONLY TOSHIBA TEC SPECIFIED media.
- (4) DO NOT STORE the media where it might be exposed to direct sunlight, high temperatures, high humidity, dust, or gas.
- (5) Any data stored in the memory of the printer could be lost during a printer fault.
- (6) DO NOT open the top cover and battery cover during operation. Doing so will stop printer operation.
- (7) DO NOT scratch the surface of printed labels or receipt with a sharp object.
- (8) Be sure to use a shielded interface cable.

#### **CAUTION!**

- 1.This manual may not be copied in whole or in part without the prior written permission of TOSHIBA TEC.
- 2.The contents of this manual may be changed without notification.
- 3.Please refer to your local Authorised Service representative with regard to any queries you may have in this manual.

**WARNING**

This indicates that there is the risk of death or serious injury if the machines are handled improperly or contrary to this indication.

- If water or any other liquid enters the machine, turn off the power. Continuous use of the machine under such conditions may cause fire or electric shock.
- If the enclosure is damaged when dropped or subject to shock, turn off the power. Continuous use of the machine under such conditions may cause fire or electric shock.
- Avoid continuous exposure to direct sunlight or high temperature as this may cause fire.
- Do not remove covers or modify the machine by yourself. Doing so may cause fire or electric shock.
- Avoid water, operation with wet hands or cleaning with a moistened cloth. Failure to do this may cause fire or electric shock.
- Do not wipe the machine with a cloth moistened with thinner or other volatile solvent as this may cause fire or electric shock.
- DO NOT USE a spray cleaner containing flammable gas for cleaning this product, as this may cause a fire.
- Use the specified battery only. Failure to do this may cause fire or electric shock.
- Danger of explosion if the battery is incorrectly replaced. Replace the battery only with a TOSHIBA TEC Corporation, Battery Pack Model B-FP803-BT-R 7.4V 2500mAh Li-ion. Discard used batteries according to the manufacturer's instruction.
- Do not disassemble and modify the battery because it has a protection unit in it. Doing so may break the protection unit, causing the battery to heat up, burst or burn.
- If the battery gets wet, dry it completely. Using a wet battery may cause fire or electric shock.
  
- Be aware of the following precautions when using batteries. Otherwise they could heat up, burst or burn.
  - Do not throw the battery into fire or heat it with a microwave or oven, etc.
  - Do not load the battery with the electrodes reversed.
  - Do not connect the electrodes with metal objects like wire. Do not carry or store the battery along with metal objects such as necklaces, hairpins, etc.
  - Do not stick a needle into, hammer, step on, or drop the battery.
  - Do not solder the battery.
  - Do not leave the battery where the temperature is more than 50°centigrade, such as inside a car or in direct sunlight.

**CAUTION**

This indicates that there is the risk of personal injury or damage to objects if the machines are improperly handled contrary to this indication.

- Keep away from flame or other sources of heat. Failure to do this may cause fire or machine failure.
- Do not drop or shock the machine as this may cause machine failure.
- During lightning, turn off and keep away from the machine because of danger of electric shock and machine failure.
- Avoid locations subject to rapid change in temperature as this causes condensation, causing electric shock or machine failure.
- Do not damage the print head, platen or strip roller with a sharp object. Doing so may cause machine failure.
- Do not touch or contact the print head element with a hard object. Doing so may cause machine failure.
- Use the specified media only. Failure to do this may cause machine failure.
- Be sure to turn off the machine before replacing the battery, or machine failure may occur.
- Do not charge the battery near flame or under direct sunlight. High temperature may activate or damage the protection unit of the battery, disabling the electric charge or causing it to overheat, burst, or burn.
- Unload the battery when the machine will not be used for a longtime. Failure to do this may cause machine failure.
- Keep the battery away from flame, a heat source or other locations subject to high temperature. Failure to do this may cause it to over heat or burn.
- Do not force the battery into the machine or battery charger. Doing so may cause the battery to overheat, burst or burn. Check for the correct electrode.
- Do not connect the battery to a power outlet or a car cigarette lighter jack as this may cause the battery to overheat, burst or burn.
- Because the B-FP803-BT-R Series battery is exclusively for the B-FP3D Series printer, do not use the battery in other machines. Doing so may damage the battery or affect the performance and life of the battery.

**Précaution pour la manipulation du module de communication  
sans fil Bluetooth®: BT800 (modèle GH30/ GS30)  
Module Wireless LAN: GS2100MIP (modèle GH40/GS40)**

**Trade Mark**

Bluetooth est une marque propriété de Bluetooth SIG, inc. et utilisée par TOSHIBA TEC CORPORATION sous licence.

**Précautions**

**Général**

**Pour tous pays et toutes zones géographiques**

Ce produit intègre un module de communication sans fil, et l'utilisation de ce produit est restreinte aux pays ou zones ci-dessous. L'utilisation de ce produit dans des pays ou des zones ne figurant pas dans la liste ci-dessous vous expose aux sanctions légales prévues dans les pays ou les zones géographiques concernées.

Japon, Etats-Unis, Canada, Autriche, Belgique, Bulgarie, Cyprus, Chypre, République Tchèque, Danemark, Estonie, Finlande, France, Hongrie, Allemagne, Grèce, Irlande, Italie, Lettonie, Lituanie, Luxembourg, Malte, Pays-bas, Pologne, Portugal, Slovaquie, Slovénie, Espagne, Suède, Royaume Uni, Norvège, Lichtenstein, Islande, Suisse, Australie, Nouvelle Zélande, Mexique, Chine, République de Corée, Taiwan

**Pour L'Europe**

**Pour Bluetooth et pour le wireless LAN**

TOSHIBA TEC CORPORATION déclare par la présente que le BT800 et le GS2100MIP sont en conformité avec les principales exigences et les dispositions pertinentes de la Directive 1999/5/EC. Cet équipement utilise une bande radiofréquence qui n'a pas été harmonisée dans tous les pays membres de L'UE et de l'EFTA, et peut être utilisé uniquement dans ces pays.

**Pour les Etats-Unis**

Ce produit est conforme au chapitre 15 des règlements FCC. L'usage de ce produit est sujet aux deux conditions suivantes:

- (1) Ce dispositif ne doit pas causer d'interférences, et
- (2) Ce dispositif doit supporter toutes les interférences reçues, y compris les interférences qui pourraient entraîner un fonctionnement anormal.

Tout changement ou modification qui ne serait pas expressément approuvée par le fabricant au niveau de la conformité peut entraîner l'interdiction d'utiliser cet équipement.

**Pour le Canada**

L'usage de ce produit est sujet aux deux conditions suivantes: (1) Ce dispositif ne doit pas causer d'interférences, et (2) Ce dispositif doit supporter toutes les interférences reçues, y compris les interférences qui pourraient entraîner un fonctionnement anormal.

Pour prévenir les interférences en utilisation normale, ce dispositif est prévu pour une utilisation en intérieur et éloigné des fenêtres afin de fournir une protection maximale. Les équipements installés en extérieur doivent faire l'objet d'un enregistrement.

**Sécurité**

N'utilisez pas ce produit dans des endroits où l'usage en est interdit, en particulier dans les hôpitaux.

Si vous n'avez pas connaissance des zones d'interdiction, reportez-vous aux instructions du corps médical. Faute de prendre ces précautions, les équipements médicaux peuvent être affectés, avec des conséquences sérieuses.

Ce produit peut affecter le fonctionnement de certains stimulateurs cardiaques implantés, et d'autres dispositifs implantés médicalement. Les personnes portant un stimulateur cardiaque doivent être informées que l'utilisation de ce

produit à proximité immédiate d'un stimulateur cardiaque peut causer un dysfonctionnement de ce dernier.

Si vous avez le moindre soupçon que des interférences se produisent, éteignez immédiatement ce produit et prenez contact avec votre agent commercial TOSHIBA TEC.

Ne démontez pas ce produit, ne le modifiez pas et ne le réparez pas vous-même.

Une telle conduite peut entraîner des blessures. De plus, toute modification va à l'encontre des lois et règlements sur

les équipements radio.

Pour toutes réparations, veuillez vous adresser à votre agent commercial TOSHIBA TEC..

### Précaution d'utilisation

Ce produit communique en radio avec d'autres systèmes. En fonction de l'endroit où il est installé, de son orientation, de son environnement etc., ses performances de communication pourraient se détériorer, ou bien des dispositifs installés à proximité pourraient être perturbés.

Maintenir à l'écart des fours micro-ondes

La qualité de communication peut être détériorée ou une erreur peut se produire en raison des perturbations radios générées par un four à microondes.

Dans la mesure où le Bluetooth et le wireless LAN partagent la même plage de fréquences radio, les deux modules peuvent interférer l'un avec l'autre s'ils sont utilisés en même temps, entraînant une détérioration de la communication ou une déconnexion du réseau. Si un problème de connexion se produit, veuillez arrêter d'utiliser soit le Bluetooth soit le wireless LAN.

N'utilisez pas ce produit sur une surface métallique ou près d'un objet métallique. La qualité de communication peut en être affectée.

#### BT800 Specification

Bluetooth version	V4.0 Dual Mode
Fréquence de " Transmit Maximum	2,402 à 2,480 GHz Classe 1
Puissance	8 dBm de l'antenne "
Sensibilité de réception	-89 dBm
Taux de données jusqu'à	3 Mbps (sur l'air )
Distance de communication	3m / 360deg ( Pour les spécifications FP3D )
Certification ( Module )	US / FCC : SQGBT800 , CANADA / IC : 3147A - BT800 ( Mettez "Contient FCC ID : RQS- BT800 " dans l'étiquette de certification ) Europe: RTTE 1995/5 / CE Annexe IV
Spécification de l'antenne	AT3216 - B2R7HAA , Mfg .: ACX , type céramique , Gain: 0,5 ( dBi )

#### Spécifications GS2100MIP

Standard	IEEE802.11 b / g / n
La fréquence	USA: 2,412 to 2,462 MHz EUROPE:2,412 to 2,472 MHz
Espacement Canal	5 MHz USA:1 to 11 ch EUROPE:1 to 13 ch
Antenne	Trace antenne PCB (module intégré) @ 2.0dBi
Vitesse de communication / Modulation	IEEE802.11b - taux CCK de modulation de 5,5 et 11 Mbps ; DSSS modulation pour le taux de 1 et 2 Mbps data rate of 1 and 2 Mbps IEEE802.11g -Rapidités de modulation OFDM de 6, 9 , 12 , 18, 24 , 36, 48 et 54 Mb / s
Sensibilité de réception	IEEE802.11n - 1x1 flux unique , les canaux de 20MHz ( 1x1 HT20 ) , 400 / 800ns GI , MCS0-7 Data rates of 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65.0, 72.2 Mbps
Sortie de la transmission	802.11b -93dBm ; 802.11g -74dBm ; 802.11n -71dBm 802.11b Typ. 17 dBm (50.12mW) 802.11g Typ. 14 dBm (25.12mW) 802.11n Typ. 12 dBm (15.85mW)

**ATTENTION!**

1. Pour éviter toute blessure, veuillez prendre garde de ne pas vous pincer les doigts en ouvrant ou en fermant le capot.
2. Ne touchez pas aux parties mobiles. Pour réduire tout risque que vos doigts, vos bijoux ou vos habits ne soient entraînés dans le mécanisme, veuillez éteindre l'imprimante avant toute intervention.

**Résumé des précautions**

La sécurité personnelle lors de la manipulation ou de l'entretien du matériel est extrêmement importante. Les avertissements et précautions nécessaires à la manipulation en toute sécurité du matériel sont inclus dans ce manuel. Les avertissements et précautions contenus dans ce manuel doivent être lus et assimilés avant toute manipulation ou entretien.

Ne tentez pas d'effectuer des réparations ou des modifications sur ce matériel. Si une erreur se produit qui ne peut être résolue en suivant les instructions de ce manuel, coupez le courant, déconnectez le câble secteur et contactez votre revendeur agréé TOSHIBA TEC pour une assistance technique.

**Précautions de sécurité**

Ce manuel d'utilisation et les produits (machines) que vous avez achetés contiennent des indications qui doivent être observées de façon à utiliser la machine de façon sécurisée, et à éviter de vous blesser vous-même ou votre entourage. La signification de ces indications et symboles est donnée ci-dessous.

Lisez et familiarisez-vous avec ces indications avant de lire ce manuel d'utilisation.

**Précautions**

- (1) Les précautions suivantes vous permettront d'avoir un fonctionnement correct de l'imprimante.
  - Evitez les endroits qui présentent les conditions défavorables suivantes:
    - \* Températures en dehors des spécifications
    - \* Humidité importante
    - \* Exposition directe au soleil
    - \* Vibrations excessives
- (2) Nettoyez le couvercle en l'essuyant au moyen d'un chiffon sec ou d'un chiffon imbibé de détergent.  
NE JAMAIS UTILISER DE DILUANT NI D'AUTRES SOLVANTS VOLATILES sur les capots en plastique
- (3) Utilisez des étiquettes et des rubans recommandés par TOSHIBA TEC.
- (4) N'entreposez pas les films et media à un endroit où ils seraient exposés à la lumière directe du soleil, à des températures élevées, à une humidité importante, à de la poussière ou à des gaz.
- (5) Toute information mémorisée dans la mémoire de l'imprimante peut être perdue lors d'une erreur d'impression.
- (6) N'OUVREZ PAS le capot supérieur ou la batterie en cours de fonctionnement, cela interromprait l'impression. (7) Ne frottez pas la surface des étiquettes ou des tickets imprimés avec des objets pointus.
- (8) N'achetez et n'utilisez que des câbles interfaces blindés avec ce matériel.

**ATTENTION!**

1. Ce manuel ne peut être copié, en entier ni en partie, sans l'autorisation écrite préalable de TOSHIBA TEC.
2. Le contenu de ce manuel est susceptible d'être modifié sans préavis.
3. Veuillez contacter votre représentant local pour toutes questions relatives à ce manuel.



#### ATTENTION

Indique un danger de **mort** ou de **blessures graves** si l'équipement est utilisé en négligeant ces Instructions

- Si de l'eau ou tout autre liquide pénètre à l'intérieur de la machine, éteignez-la. Une utilisation continue de la machine dans de telles conditions pourrait entraîner un incendie ou un choc électrique.
- Si la coque est endommagée suite à une chute ou à un choc, éteignez la machine. Une utilisation continue de la machine dans de telles conditions pourrait entraîner un incendie ou un choc électrique.
- Evitez une exposition continue aux rayonnements solaires directs ou à une température élevée car cela peut causer un incendie.
- Ne retirez pas les capots et ne modifiez pas la machine par vous-même. Cela pourrait entraîner un incendie ou un choc électrique.
- Evitez l'eau, et toute manipulation avec les mains mouillées ainsi que le nettoyage avec un chiffon mouillé, faute de quoi cela pourrait entraîner un incendie ou un choc électrique.
- N'essuyez pas la machine avec un chiffon imbibé de dissolvant ou de produit volatil car cela pourrait entraîner un incendie ou un choc électrique.
- Ne pas utiliser de spray nettoyant contenant du gaz inflammable pour nettoyer ce produit, ceci pourrait provoquer un feu.
- N'utilisez que la batterie adaptée, faute de quoi cela pourrait entraîner un incendie ou un choc électrique.
- Danger d'explosion si la batterie n'est pas remplacée correctement. Ne remplacez la batterie que par un modèle d'origine TOSHIBA TEC Corporation, le pack batterie modèle B-FP803-BT-R 7.4V 2500mAh Li-ion. Disposez des batteries usagées en vous conformant aux instructions du fabricant.
- Ne démontez pas et ne modifiez pas la batterie car celle-ci est équipée d'un dispositif de protection. Cela pourrait endommager le dispositif de protection et causer une surchauffe de la batterie, son éclatement ou qu'elle se consume.
- Si vous mouillez la batterie, séchez-la complètement. Utiliser une batterie mouillée peut entraîner un incendie ou un choc électrique.
- Veuillez prendre note des précautions suivantes concernant les batteries, fautes de quoi elles pourraient surchauffer, éclater ou se consumer :
  - Ne jetez pas les batteries au feu, ne les chauffez pas avec un four ou un four à micro-ondes etc.
  - Ne chargez pas la batterie en inversion de polarité.
  - Ne court-circuitez pas les plots de connexion avec des objets métalliques ; ne transportez pas et n'entrez pas la batterie avec des objets métalliques, des colliers, des pinces à cheveux etc.
  - Ne transpercez pas la batterie, ne la martelez pas, ne marchez pas dessus, ne la faites pas tomber.
  - Ne soudez pas la batterie.
  - Ne laissez pas la batterie à un endroit où la température peut dépasser 50°C, comme à l'intérieur d'une voiture, ou exposé directement au rayonnement solaire.



#### PRECAUTION

Indique un risque de **blessures** ou de **dommages** si l'équipement est utilisé en négligeant ces instructions.

- Maintenez éloigné des flammes et des autres sources de chaleur, faute de quoi cela pourrait entraîner un incendie ou une panne de la machine.
- Ne faites pas tomber la machine et évitez les chocs car cela peut entraîner une panne.
- n cas d'orage, éteignez la machine et tenez-vous à l'écart en raison du risque de choc électrique et de panne.
- Evitez les endroits sujets à de brusques variations de température, car cela génère de la condensation et peut entraîner un choc électrique ou une panne de la machine.
- N'endommagez pas la tête d'impression, le rouleau d'impression ou le rouleau de pré-décollage avec un objet pointu. Cela peut entraîner une panne de la machine.
- Evitez de mettre des objets en métal en contact avec les éléments actifs de la tête, faute de quoi cela pourrait entraîner une panne de la machine.
- Ne touchez pas la tête d'impression avec vos doigts ou avec tout objet solide. Cela pourrait entraîner une panne.
- Assurez-vous d'éteindre la machine avant de remplacer la batterie ou une panne pourrait survenir.
- Ne chargez pas la batterie à proximité d'une flamme ou exposé directement au rayonnement solaire. Une température trop élevée pourrait déclencher ou endommager le circuit de protection de la batterie, empêchant la recharge ou entraînant une surchauffe, son éclatement ou qu'elle se consume.
- Déchargez la batterie si vous n'utilisez pas la machine pendant une durée prolongée, faute de quoi cela pourrait entraîner une panne.
- Si la batterie ne rentre pas facilement dans l'imprimante ou dans le chargeur, ne forcez pas et vérifiez l'orientation correcte, faute de quoi cela pourrait entraîner une surchauffe, un éclatement de la batterie ou un incendie.
- Ne connectez pas la batterie sur une source électrique, transformateur ou prise allume cigarette, car cela pourrait entraîner une surchauffe, un éclatement de la batterie ou un incendie.
- Les batteries B-EP802-BT-QM-R et B-FP804-BT-QM-R sont prévues uniquement pour les imprimantes B-FP3DL respectivement. N'utilisez pas ces batteries dans d'autres machines, cela pourrait endommager la batterie ou avoir une influence sur les performances et la durée de vie de la batterie.



### 警告

下面的指示表示如果對機器進行不恰當的與指示相違背的操作時，將可能引起嚴重傷害或者死亡的危險。

- 如果水或其他任何液體進入機器，請關閉電源。如果在這種情況下連續使用機器，可能會導致起火或觸電。
- 如果機器外殼損壞或跌落，或受到的衝擊時，請關閉電源。如果在這種情況下連續使用機器，可能會導致起火或觸電。
- 避免連續受陽光直接照射或高溫，因為這可能會導致火災。
- 不要擅自移除封蓋或改裝機器。這樣做可能會導致起火或觸電。
- 避免機器與水接觸，或使用濕手操作，或使用濕布清潔機身。否則可能會導致起火或觸電。
- 不要使用沾有稀釋劑或其它揮發性溶劑的布清潔機器，因為這可能會導致起火或觸電。
- 請嚴禁使用噴霧式清潔劑，包括可燃氣體對機器進行清潔，否則將引起火災。
- 請僅使用指定型號的電池。否則可能會導致起火或觸電。
- 如果不按照正確的方式更換電池，可能會發生爆炸。請務必使用東芝泰格公司指定型號的電池 B-EP802-BT-QM-R 7.4 伏 2600 毫安的鋰離子或 B-FP804-BT-QM-R 14.8 伏 2600 毫安的鋰離子電池。請根據製造商的指示丟棄廢舊電池。
- 不要擅自拆開和改裝電池，因為它有一個保護部件。否則可能會破壞這個保護部件，並導致電池的升溫，爆裂或燃燒。
- 如果電池受潮，請將其完全晾乾。使用濕電池可能導致起火或觸電。
- 當使用電池時，請注意以下的預防措施。否則可能導致電池的升溫，爆裂或燃燒。
  - 不要把電池扔進火中，或使用微波爐或烤箱等進行加熱。
  - 不要安裝電池時電極逆轉。
  - 不要將電池的電極與金屬物體連接，比如電線。不要將電池與金屬物體一起攜帶或儲存，如項鍊，髮夾等等。
  - 不要將針插入電池，不要使用錘子敲擊電池，不要踩踏電池，不要摔擊電池。
  - 不要銲接電池。
  - 不要將電池放置在溫度超過攝氏 50 度的環境中，如在車內或陽光直接照射。



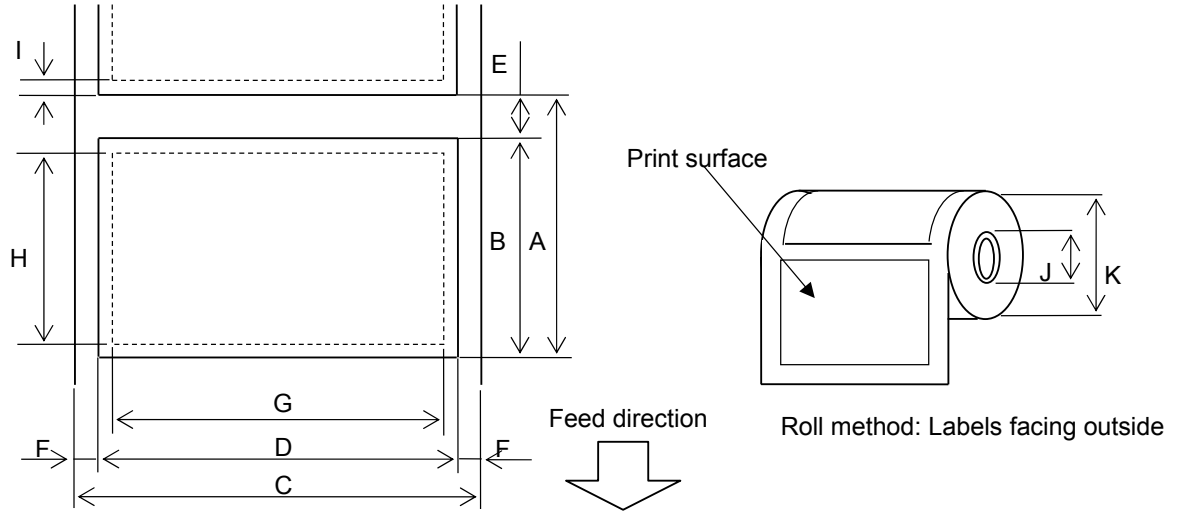
### 注意

這個符號表示，如果對此設備作不恰當的與提示相違背的操作，將可能引起嚴重傷害或者有死亡的危險。

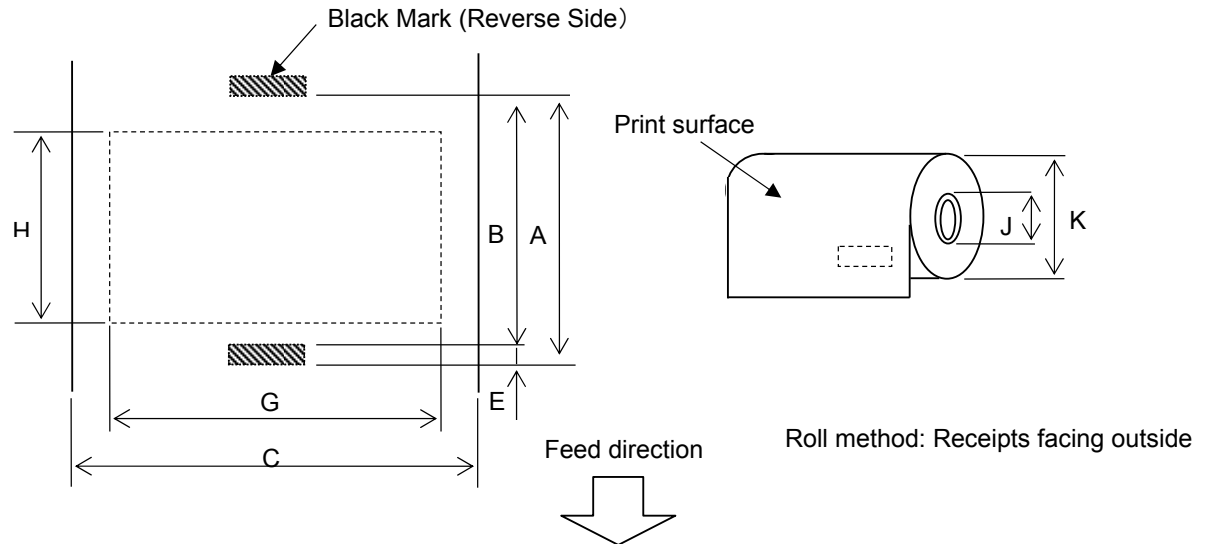
- 使用機器時遠離火焰或其他熱源。否則可能會導致火災或機械故障。
- 不要跌落或震動機器，因為這可能會導致機械故障。
- 在閃電時，請關閉並遠離機器，否則可能會發生觸電的危險和機械故障。
- 不要在溫度快速變化的環境中使用機器，因為凝結會造成觸電或機械故障。
- 不要使用利器損害打印機的打印頭，壓板或滾軸。否則可能會造成機械故障。
- 不要使用堅硬的物體接觸或連接打印頭。否則可能會造成機械故障。
- 請僅使用指定的介質。否則可能會造成機械故障。
- 請務必在更換電池之前關閉機器，否則可能會造成機械故障。
- 給電池充電時，不要靠近火焰或陽光直接照射的地方。否則高溫可能會刺激或損害電池的保護部件，進而導致無法充電，或造成過熱，爆裂，或燃燒。
- 如果機器將長期擱置不用，請卸下電池。否則可能會造成機械故障。
- 請保持電池遠離火焰，熱源或其他高溫地點。否則可能會造成電池過熱或燃燒。
- 不要用力使將電池裝入機器或電池充電器。否則可能會導致電池過熱，爆裂或燃燒。安裝電池時要確保電極正確連接。
- 不要將電池連接至電源插座或汽車的打火機口，否則可能會導致電池過熱，爆裂或燃燒。
- 因為 B-FP803-BT-R 系列的電池分別是 B-FP3DL 和 系列打印機的專用電池，所以請不要在其他機器上使用該電池。否則可能會損壞電池或影響電池的工作表現和壽命。

# Media Specification

<Labels>



<Tag>



## NOTES:

1. The ratio of "Label length" to "Gap length" must be 3:1 or more.
2. The backing paper is approved together with label.
3. The paper width for the label includes its backing paper.
4. The backing paper to be used must be glassine paper (7K or 8K, white) or equivalent, and must have a transmission factor of 22% or more.

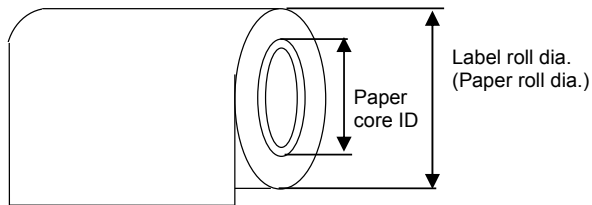


5. A label showing item code, and lot number must be attached to the paper core inside.

For reference;

Relationship between Paper Roll Length and Paper Core Diameter

$$L = \frac{(D^2 - d^2) \pi}{4t}$$



L: Paper length  
D: Paper roll diameter  
d: Paper core outside diameter  
Paper thickness

In calculation, the unit of each factor must be the same.

6. When the stop position is not correct, the print stop position should be changed using the strip position fine adjustment.
7. When the gap between labels is 5 mm or more, the effective print length should be set to the maximum value (Label pitch minus 2 mm), then the print stop position should be changed using the strip position fine adjustment.
8. If paper jams at the platen when a cut issue is performed, enable the forward feed function ("FORWARD WAIT") in system mode.

For label and receipt paper

Item		Media type	Label		Receipt	
		Mode	Batch	Strip	With black marks	Without black marks
A	Label pitch	Min.	10.0	13.0	10.0	–
		Max.	999.9	67.0	999.9	–
B	Label length	Min.	7.0	10.0	7.0	–
		Max.	997	60.0	992.0	–
C	Backing paper width	Min.	24.0		–	
		Max.	80.0		–	
D	Label width	Min.	22.0		–	
		Max.	78.0		–	
D	Media width	Min.	–		24.0	
		Max.	–		80.0	
E	Label-to-label gap	Min.	3.0		–	
		Max.	7.0		–	
E	Black mark length	Min.	3.0	3.0	3.0	–
		Max.	7.0	7.0	7.0	–
F	Vertical gap width	Min.	1.0	1.0	–	–
		Max.	7.0	7.0	–	–
G	Effective print width	Min.	20	20	22	22
		Max.	72.0			
H	Effective print length	Min.	5	8.0	5	–
		Max.	995.0	58.0	990.0	–
I	Unprintable area	Max.	5mm (Gap/Black Mark =3mm)			
		Min.	1mm (Gap/Black Mark = 7 mm)			
J	Outer diameter of paper core		12.0 +0,-0.5		12.0 +0,-0.5 No paper core: 18mm or over Linerless label: 25.0 +0, -0.5	
K	Outer roll diameter		Max:67.0			
	Roll direction		Outside only			
	Media thickness		0.058-0.165			

## **CARE/HANDLING OF THE MEDIA**

### **CAUTION!**

*Be sure to read carefully and understand the Supply Manual. Use only media that meets specified requirements. Use of non-specified media may shorten the head life and result in problems with bar code readability or print quality. All media should be handled with care to avoid any damage to the media or printer. Read the following guideline carefully.*

### **ATTENTION!**

*Rassurez-vous d'avoir lu attentivement et compris le manuel d'approvisionnement. Utilisez uniquement le média qui remplit les critères spécifiés. L'utilisation de média non spécifié pourrait raccourcir la vie de la tête et les problèmes de lecture des codes à barres ou la qualité d'impression en résulteront. Tout média doit être manipulé avec attention pour éviter un dommage quelconque au média ou à l'imprimante. Lisez attentivement les directives dans cette*

- Do not store the media for longer than the manufactures recommended shelf life.
- Store media rolls on the flat end, do not store them on the curved sides as this might flatten that side causing erratic media advance and poor print quality.
- Store the media in plastic bags and always reseal after opening. Unprotected media can get dirty and the extra abrasion from the dust and dirt particles will shorten the print head life.
- Store the media in a cool, dry place. Avoid areas where they would be exposed to direct sunlight, high temperature, high humidity, dust or gas.
- The thermal paper used for direct thermal printing must not have specifications which exceed Ca<sup>++</sup> 800 ppm, Na<sup>+</sup> 800 ppm, K<sup>+</sup> 800 ppm and Cl<sup>-</sup> 600 ppm.
- Some ink used on pre-printed labels may contain components which shorten the print head's product life. Do not use labels pre-printed with ink which contains hard substances such as carbonic calcium (CaCO<sub>3</sub>) and kaolin (Al<sub>2</sub>O<sub>3</sub>, 2SiO<sub>2</sub>, 2H<sub>2</sub>O).

For further information please contact your local distributor or your media manufacturer.

## Printer Specification

3" portable printer ( Direct Thermal )		Plus model		Standard model	
		GH30 (Bluetooth)	GH40 (WLAN)	GS30 (Bluetooth)	GS40 (WLAN)
BASIC SPECIFICATIONS	Media Types	Receipt / Tag / Label		Receipt	
	Resolution	203dpi ( 8dots/mm )			
	Max. Print speed	Target : Max 6" (152mm) / sec			
	Max. Print Width	72mm (2.9")			
	Effective Print length	995mm			
	LCD	TFT Color LCD, 128x128dots, 262K color with Backlight			
	Operating Switch	Three operation keys: POWER, FEED, and PAUSE			
	Peel-off function	Available		Not Available	
	Barcode	UPC-A/E, EAN8/13,UPC-A add on 2&5,EAN-8/13 add on 2&5,Code39, Code93,Code128, EAN128,NW7, MSI,Industrial 2 of 5,ITF, Postnet,RM4SCC, KIX-code,Plessey, GS1 Databar			
	Two Dimensional Code	Data Matrix, PDF417,Maxicode, QR code,Micro PDF417, Micro QR, GS1 Data Matrix			
	Font	Bitmap: 21types, Outline: 4types, Chinese-simp 24x24(GB18030), Optional: Hunge 24x24 or Japanese gothic 16x16, 24x24, mincho 32x32 alternate to chinese font(TTF)			
	Weight (with battery)	700g		700g	
	Physical dimension	Width: 116mm			
		Depth: 150mm			
		Height: 80mm			
	Color	Mold Cover: Jet Black Elastomer: Shadow grey			
	Battery	2.5 AH(18.5Wh) Li-Ion battery			
	Operating temperature	-15 to 50 (5° to 122° F)			
	Operating humidity (No condensation)	25~85% RH			
	Charging temperature	AC adaptor: 0° to 40° C(32° to 104° F) Wireless charger: 0° to 35° C(32° to 99° F)			
Drop strength	1.6m ( 5.3ft) 6way multiple drops/6way, with cover closed				
Drip resistance	IP54 excluding media path (with carry case)				
ELECTRONICS SPECIFICATIONS	Maximum Rating	8.4V/2.5A(TBD) : Battery drive 19.5V/2A(TBD) : Charging current		8.4V/2.5A(TBD) : Battery drive 19.5V/2A(TBD) : Charging current	
	Memory	ROM: 64MB, RAM: 32MB		ROM: 64MB, RAM: 16MB	
	Interface	Bluetooth 4.0(Bluetooth Smart Ready: BR/EDR, BLE dual)	Wireless LAN (802.11b/g/n)	Bluetooth 4.0(Bluetooth Smart Ready: BR/EDR, BLE dual)	Wireless LAN (802.11b/g/n)
		USB 2.0(Full Speed)			
	NFC	ISO/IEC14443 Type A, NFC Forum Type2, 888byte			
SUPPLY SPECIFICATIONS	Media Width	Receipt / Label model: 24mm - 80mm (adjustable)			
	Media Length	Batch: 7.0mm - 997.0mm			
		Strip: 10.0mm - 60.0mm			
	Media Pitch	Batch: 10.0mm - 999.0mm			
		Strip: 13.0mm - 67.0mm			
	Media thickness	0.0508mm ~ 0.165mm			
Max. Roll Size	ø 66.8mm (2.6")				
Roll Direction	Outside				

	Media sensors	Black mark Paper end Gap Cover Open Peel-off sensor	Black mark Paper end Cover Open
OPTION	Option	1. AC Adapter 2. Spare battery 3. Battery Charger (1slot, 6slot) 4. Wireless charging function (Qi Charger) 5. Cigarette lighter adapter 6. Shoulder strap	
	Charging printer power	AC adapter Cigarette lighter adapter (DC12V) Wireless Charging (Qi Charger)	
SOFTWARE / TOOLS	Printer Language	TPCL, CPCL, ZPL, ESC/POS (EP command + ESC/POS)	
	Windows Driver	Windows Vista, 7, 8 series, Server2008/2008 R2, Server 2012/2012 R2	
	OPOS/JPOS driver	OPOS, JPOS driver	
	SDK	iOS , Android, Windows CE	
	Tools	Setting Tool for B-FP	
Bluetooth Specification	Bluetooth version	V4.0 Dual Mode V2.1+EDR (Logo certified)	
	Frequency	2.402 to 2.480 GHz	
	Maximum Transmit Power	Class 1 +8 dBm from antenna	
	Receive Sensitivity	-89 dBm	
	Data Rates	Up to 3 Mbps (over the air)	
	Communication distance	3m/360deg (For FP3D specification)	
	Certification (Module)	US/FCC: SQGBT800, CANADA/IC: 3147A-BT800 (Put on "Contains FCC ID: SQG-BT800" in certification label) Europe: RTTE 1995/5/EC Annex IV	
	Antenna specification	PN: AT3216-B2R7HAA, Mfg.: ACX, Type Ceramic, Gain: 0.5(dBi)	
	Standard	IEEE 802.11b/g/n	
	WiFi Specification	Standard Frequency	Support 802.11g/n OFDM with BPSK, QPSK, 16-QAM and 64-QAM; 802.11b with BPSK, QPSK and CCK
802.11n: 1x1 single stream, 20 MHz channels, 400/800ns GI, MCS0 – 7			
WiFi802.11g: OFDM modulation for data rates of 6, 9, 12, 18, 24, 36, 48 and 54 Mb/s.			
802.11b: CCK modulation rates of 5.5 and 11 Mbps; DSSS modulation for data rate of 1 and 2 Mbps.			
2400 to 2497MHz			
Maximum Transmit Power		11b: 17dBm, 11g:14dBm, 11n:12dBm	
Receive Sensitivity		11b: -93dBm, 11g: -74dBm, 11n: -71dBm	
Data Rates		1 to HT20/MCS7(72Mbps)	
Communication distance		About 100m (No obstacle, Access point is specified)	
Certification (Module)		US/FCC:, CANADA/IC:;ETSI,TELEC,WiFi (Certification No. is confirming)	
Antenna specification		Pattern antenna WiFi security (802.11i) WPA™ - Enterprise, Personal, WPA2™ - Enterprise, Personal EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-FAST, EAP-TLS	
WiFi		Hardware-accelerated high-throughput AES and RC4 encryption/decryption engines for WEP, WPA/WPA2 (AES-CCMP and TKIP).	

		Additional dedicated encryption HW engine to support higher layer encryption such as IPSEC (IPv4 and IPv6), SSL/TLS, HTTPs, PKI, digital certificates, RNG, etc.
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## Daily maintenance

To help retain the high quality and performance of your printer, it should be cleaned regularly cleaned.

### **CAUTION!**

- *DO NOT USE a sharp object to clean the print head or various rollers, as this may cause a print failure or breakdown of the printer.*
- *NEVER USE any volatile solvent including thinner and benzene, as this may cause a print failure or breakdown of the printer.*
- *Do not touch the print head element with bare hands, as a static discharge may damage the print head.*

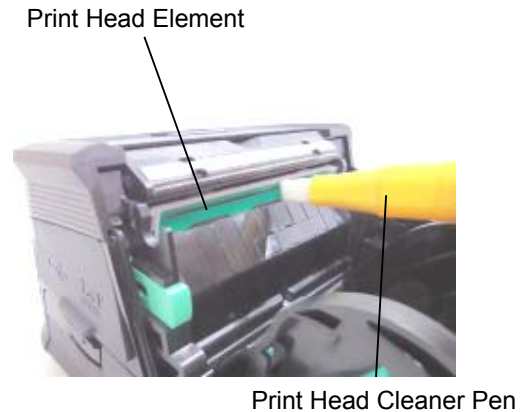
### **ATTENTION!**

- *N'utilisez aucun objet pointu pour nettoyer la tête d'impression et le plateau. Le faire pourrait entraîner imprimer défaillance ou panne de l'imprimante.*
- *N'utilisez jamais un solvant organique comme les diluants ou le benzène pour nettoyer. L'utilisation de pareils solvants pourrait entraîner imprimer défaillance ou panne de l'imprimante.*
- *Ne touchez pas le composant de la tête d'impression à mains nues, l'électricité statique accumulée pourra endommager la tête d'impression*

### ■ Print head

Wipe the print head element with a print head cleaner pen.

When linerless labels are used, wipe off dirt of residual glues from the Print head after the use of one or two media rolls.



### ■ Platen and strip shaft

Wipe clean the platen with a soft cloth slightly moistened with absolute ethyl alcohol, while rotating the platen.

Wipe clean the strip shaft with a soft cloth slightly moistened with absolute ethyl alcohol

Clean the platen of the linerless label kit in the same way. Cleaning should be performed after the use of one or two media rolls.



■ **Media Sensor Window and Media Path**

Remove dust or dirt from the Media Sensor Window with a commercially available soft, dry brush.

Wipe clean the Media Path with a soft dry cloth.

When linerless labels are used, wipe off dirt of residual glues from the Media Guides after the use of one or two media rolls.

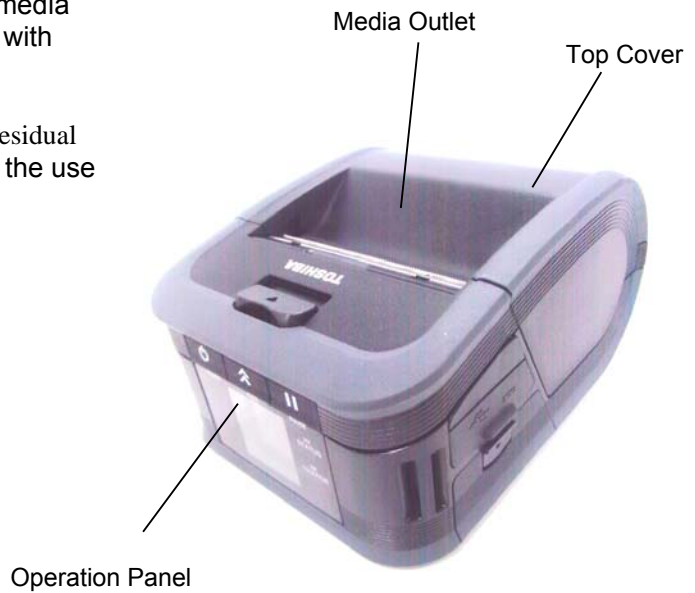


■ **Top Cover and Operation panel**

Wipe clean the cover and operation panel window with a soft dry cloth slightly moistened with absolute ethyl alcohol.

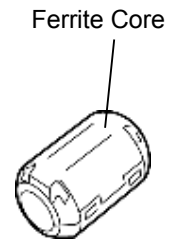
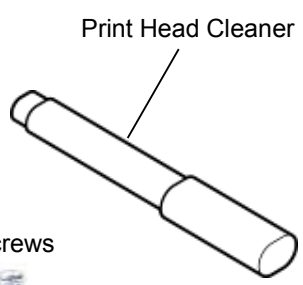
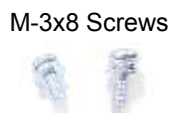
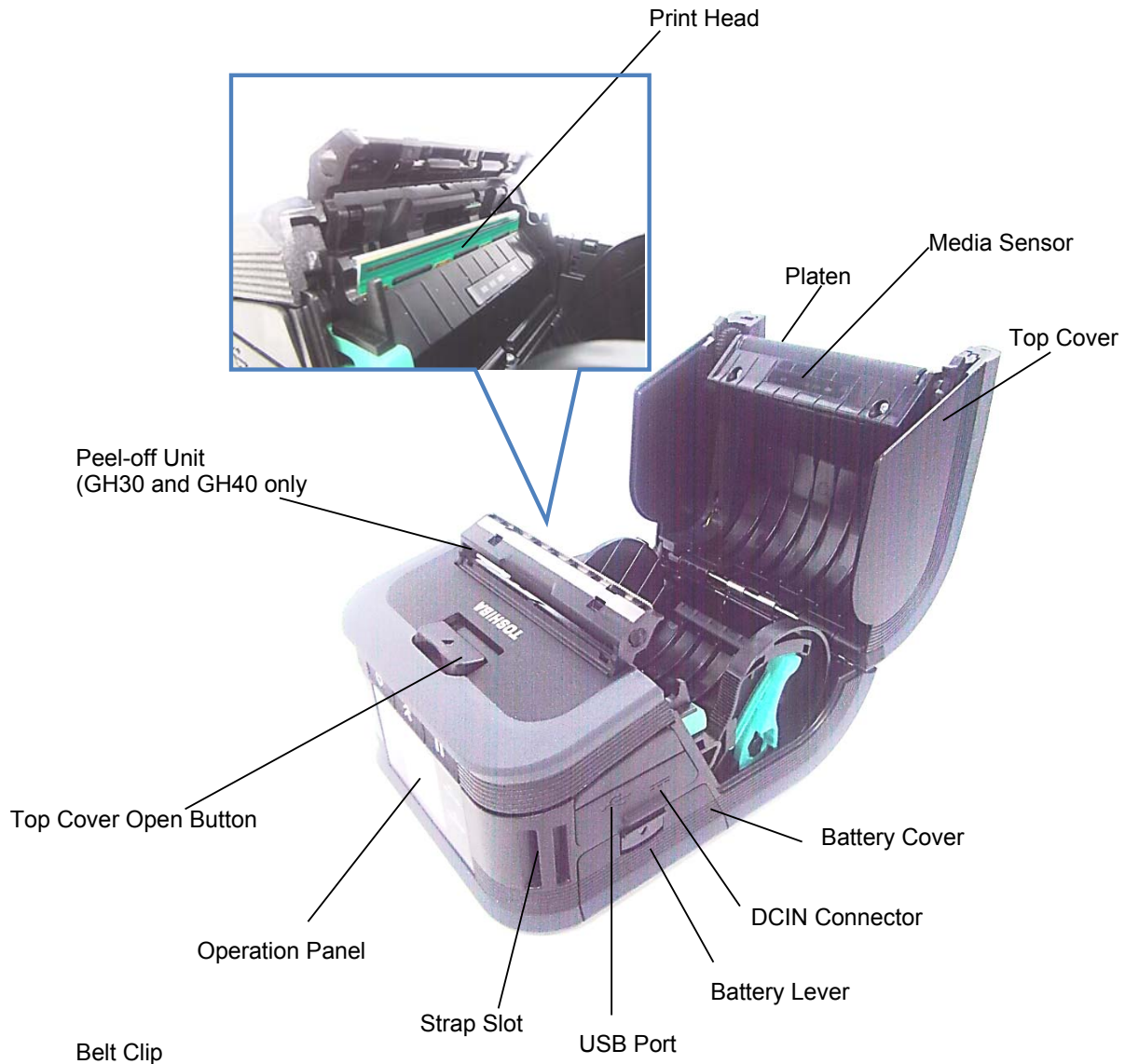
Remove any dirt or residual glues from the media outlet with a cotton swab slightly moistened with absolute ethyl alcohol.

When linerless labels are used, wipe off dirt of residual glues from the Top Cover or Media Outlet after the use of one or two media rolls.





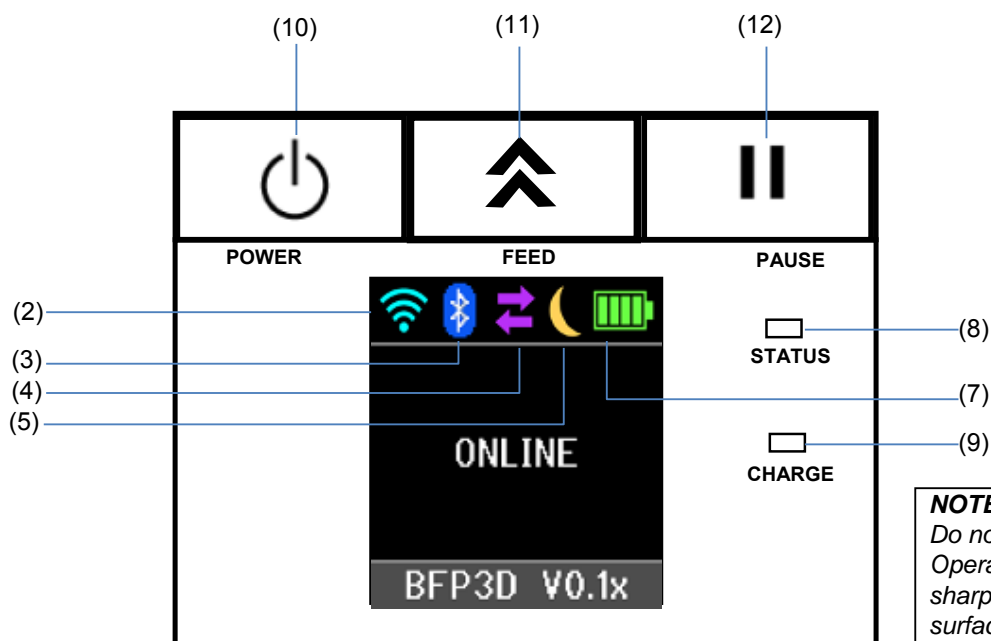
**B-FP3D Series**



BD Address Label (2 pcs.)  
(GH30/GS30 models only)




## Operation Panel Functions



**NOTE:**  
Do not touch the Operation panel with a sharp object, as the surface of the Operation panel is easily damaged.

No.	Name/Icon	Function/Usage	
(1)	Liquid Crystal Display (16 lines x 2 lines)	Icons indicating the printer statuses, such as the radio intensity, battery level, etc. are displayed. Printer status is indicated in alphanumerals or symbols.	
	LCD Message	ON LINE	The printer is ready for an issue command from the host.
		PAUSE	The printer is in pause state. When the printer is paused during printing, the number of unprinted labels is displayed.
		COVER OPEN	The top cover is open.
		LBL PRESENT ****	The printer is waiting for the printed label to be removed from the media outlet. **** indicates the number of unprinted labels.
	WAITING(XXXX)	The printer is waiting for a recovery of the battery voltage or temperature decrease of the print head or motor.	
(2)	Wifi Signal strength	Indicates the Wifi intensity in 4 levels	
(3)	Bluetooth	Bluetooth Connected	Indicates a Bluetooth connection status
		Bluetooth Not connected	
(4)	Transmission	Data receive by the printer	Indicates data transmission status.
		Data send to the host	
(5)	Sleep	Displayed while the printer is in the power save mode.	

(6)	Error	 Displayed when an error occurs on the printer.
(7)	Battery level	Indicates the battery level in 5 levels.
(8)	STATUS lamp	Lights or blinks in green, red, or orange to indicate the printer status. <ul style="list-style-type: none"> <li>• Lights up in green: Normal state</li> <li>• Lights up in orange: Low-battery warning state (Operable)</li> <li>• Lights up in red: Low-battery state</li> <li>• Blinks in green or orange: Communicating or internal processing is in progress or a printed label is waiting to be removed.</li> <li>• Blinks in red: Error state</li> </ul>
(9)	CHARGE lamp	Lights up in orange while the battery pack is charging and goes out when the battery charge is completed.
(10)	[POWER] button	Turns on or off the printer. <b>How to turn on the printer</b> While the printer is off, hold down the POWER button for a few seconds. When "ONLINE" is displayed on the LCD, the printer is ready. <b>How to turn off the printer</b> Hold down the POWER button until the LCD goes off.
(11)	[FEED] button	Feeds media or reprints a previously printed data. Function of the [FEED] button differs depending on the issue mode.
(12)	[PAUSE] button	Temporarily stops media issue or restarts printing. Used to recover the printer after clearing an error.

## Loading a battery pack

### **WARNING!**

1. If the battery pack leaks liquid or gives out smoke or bad smell, immediately stop using it and keep it away from fire. Failure to do this may cause an explosion or a fire.
2. In the United States, used lithium ion batteries should be returned to the store where you bought the machine. (USA only)
3. LITHIUM ION BATTERY DISPOSE OF PROPERLY  
**Caution: Do not handle damaged or leaking lithium ion battery.**
4. To avoid injury, be careful not to drop the battery pack on your foot.

### **AVERTISSEMENT!**

1. Si la batterie laisse échapper du liquide, ou émet de la fumée et des odeurs suspectes, cessez immédiatement de l'utiliser et tenez-la à l'écart de toute flamme. Tout manquement à ces recommandations pourrait entraîner une explosion ou une combustion.
2. Aux Etats-Unis, les batteries lithium-ion usagées doivent être retournées au magasin où vous les avez achetées (USA uniquement)
3. BATTERIE LITHIUM-ION DEBARRASSEZ-VOUS EN PROPREMENT  
Attention : ne manipulez pas de batterie lithium-ion endommagée ou présentant un écoulement.
4. Prenez garde de ne pas laisser tomber le pack batterie sur vos pieds, vous pourriez vous blesser.

Press the Battery Lever to open the Battery Cover, insert the Battery Pack fully into the printer. The Battery Pack is locked in by the Battery Cover. Be careful of the orientation of the Battery Pack.

### **NOTE:**

- Be sure to use only the battery pack designed and manufactured for use with the printer B-FP3D series Battery Pack: B-FP803-BT-R
- When unpacked, the battery level of the supplied Battery Pack is not full. Please charge the Battery Pack with an optional Battery Charger or load the Battery Pack in the printer and connect an optional adapter before using it.

- ◆ Single-slot Battery charger: B-EP800-CHG-QM-R
- ◆ 6-slot Battery Charger: B-EP800-CHG6-QM-R
- ◆ AC Adapter: B-EP800-AC-QM-R
- ◆ Cigarette lighter adapter: B-EP802-DC12-QM-R
- ◆ DC adapter: B-EP800-DC48-QM-R
- ◆ DC Jack plug adapter: B-FP800-DCJA-QM-R

### **CAUTION!**

DO NOT CONNECT any device other than the above to the printer.

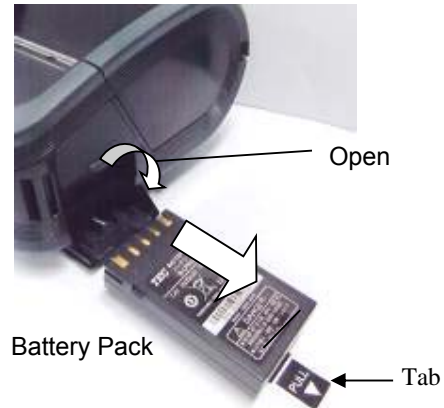
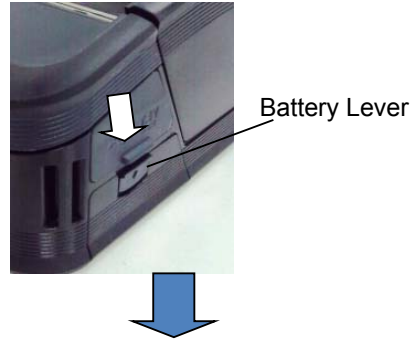
### **ATTENTION!**

NE CONNECTEZ PAS à l'imprimante de dispositifs autres que ceux indiqués ci-dessus.



## Removing a battery pack

Push the Battery Lever down in the direction of the arrow, and remove the Battery Pack from the printer by pulling on the tab.



## Charging the Battery Pack with an Optional Adapter

When charging the battery pack in the printer using an optional AC Adapter, cigarette lighter adapter, or DC adapter, insert the plug of the adapter into DCIN Connector of the printer.

**NOTE:**

*For details, please refer to the Owner's Manual of respective optional adapters.*

When using an optional battery charger to charge the battery packs, please refer to the Owner's Manual of respective models of battery charger.

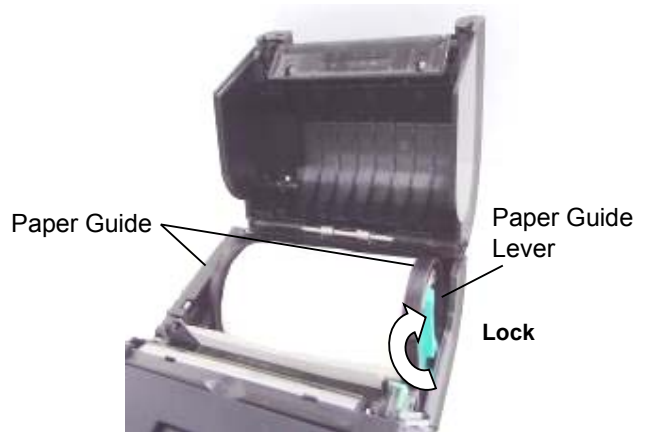


# Loading the Media

1. Press the Top Cover Open Button to open the Top Cover.



4. Adjust the Paper Guides to the media roll width.
5. Push back the Paper Guide Lever to lock the Paper Guides.



2. Move the Paper Guide Lever toward the Operation Panel and the Paper Guides outward.

**NOTE:**

*Do not move the Paper Guides without unlocking the Paper Guide Lever. Doing this may break the Paper Guide.*

3. Place a media roll in the printer. Only outside wound media can be used in the printer.



6. Pull the top edge of the media toward the Operation Panel, and close the Top Cover removing slack of the media.



**NOTE:**

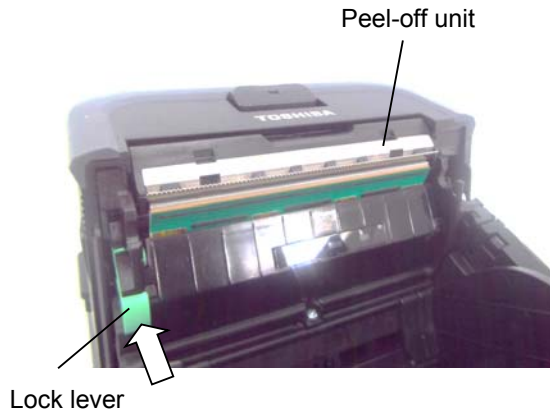
- Please use TOSHIBA TEC approved media only. Toshiba TEC is not responsible for any print result caused by use of other media
- When you order media, please contact the nearest TOSHIBA TEC representative.



## Before using a peel-off unit (GH30, GH40 models only)

When issuing labels in the peel-off mode, pull out the peel-off roller before loading a label roll.

1. Open the Top cover, and push the lock lever in the direction of the arrow.



2. This will pop-up the Peel-off Unit. Refer to "Loading the Media" on the previous page and set a label roll.

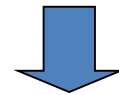


### NOTES:

1. DO NOT PULL the center of the Peel-off roller hard. Doing so may break the Peel-off roller.
2. Do not forcibly pull out the Peel-off roller or push it into the printer, otherwise the Peel-off roller may break.

## How to put away the Peel-off Roller

1. Gently press the Peel-off Roller Unit down, and push it into the printer in the direction indicated by the arrow until it clicks.



## How to attach the accessories

### CAUTION!

1. Care should be taken not to drop the printer when securing it to your waist or slinging it over your shoulder.
2. For fixing the printer to your belt, the belt width should be 40 mm or less. Use of the other belts may cause the printer to fall off.

### ATTENTION!

1. Prenez garde à ne pas faire tomber l'imprimante lorsque vous la mettez à la ceinture ou à l'épaule.
2. La largeur de votre ceinture ne doit pas dépasser 40 mm pour assurer une bonne fixation de la pince de ceinture, faute de quoi l'imprimante risque de se détacher et de tomber.

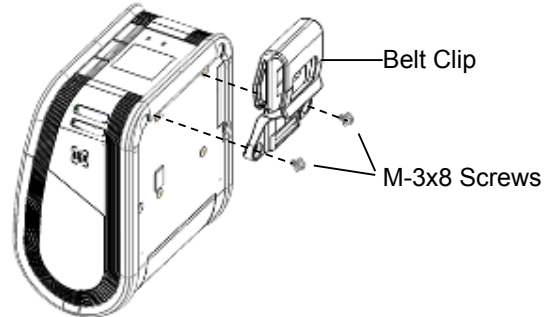
### ■ Belt Clip

When you want to use the printer on belt, first secure the supplied Belt Clip to the rear of the printer.

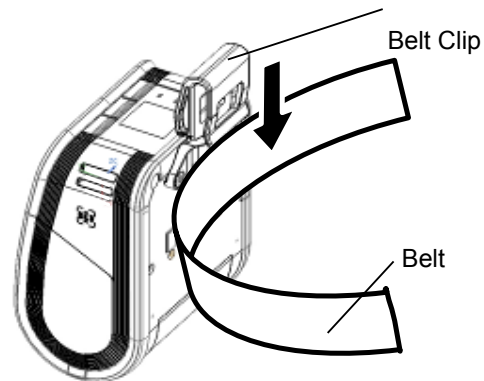
1. Secure the Belt Clip to the printer back with the two screws.

#### NOTE:

Only use the supplied screw to secure the Belt Clip. Use of other screw may damage the inside of the printer.



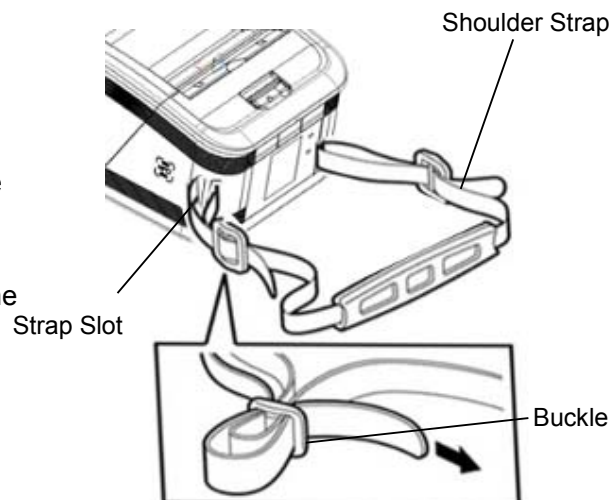
2. Fasten the Belt Clip to your belt.



### ■ Shoulder Strap (Option)

Use the following procedure to fasten an optional shoulder strap (B-EP900-SS-QM-R) to the printer.

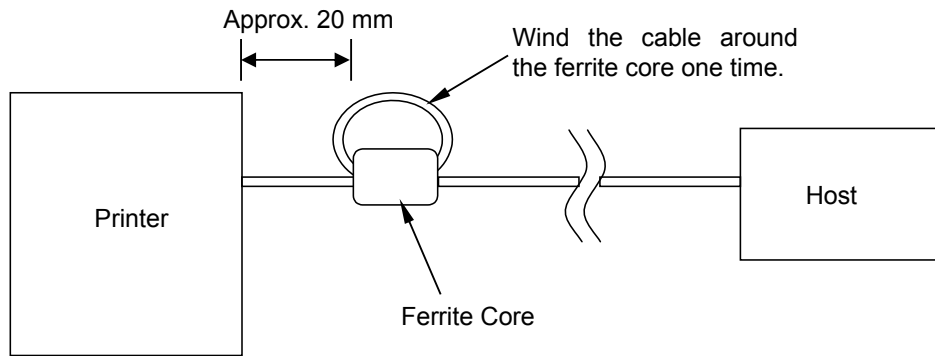
1. Pass either end of the Shoulder Strap through the strap slot on the front of the printer.
2. Pass the end of the Shoulder Strap through the buckle. Slide the buckle to adjust the length of the Shoulder Strap.
3. Repeat for the other end of the Shoulder Strap.





## Data Transmission

When using a USB cable to connect to the printer, put the ferrite core supplied with the printer on the cable, as shown below.

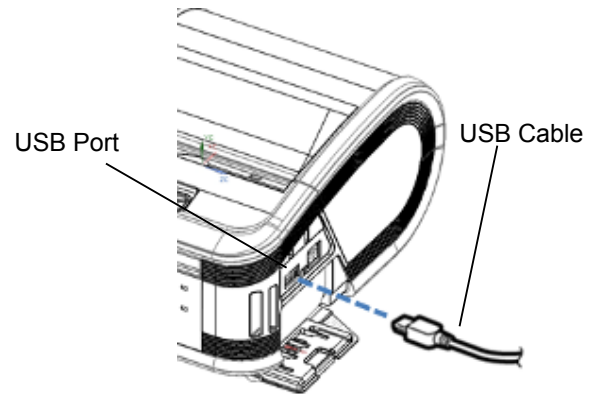


## ■ USB

1. Turn on the host and start the system.
2. Turn on the printer and connect a USB cable to the printer.
3. Connect the USB cable to the host.
4. Send data from the host to the printer.

### **NOTE:**

- *For details of the interface cable, please consult the nearest TOSHIBA TEC representative.*
- *When disconnecting the USB cable, please follow the instructions of the host system.*



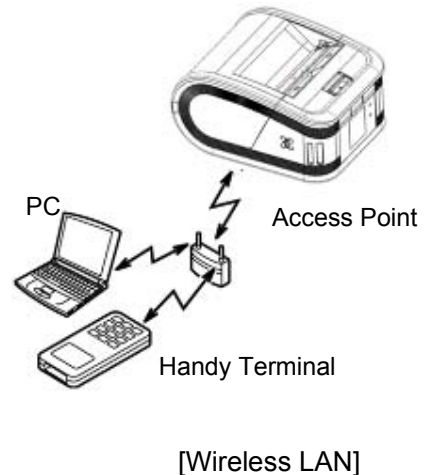
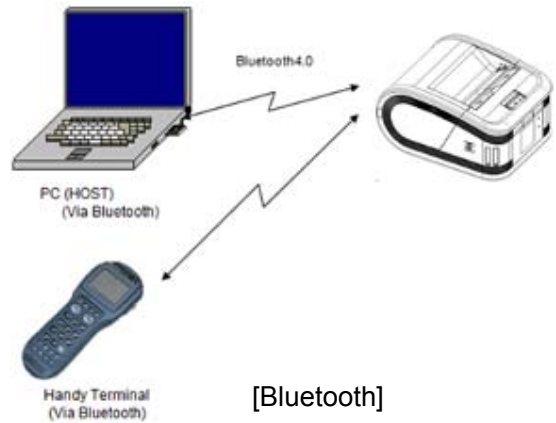
■ **Wireless (GH30/GS30 models only)**

1. When using Bluetooth, ensure the printer within 3 m of the host.  
In the case of wireless LAN, place the printer within a wireless coverage area.
2. Turn on the printer and the host, and send data from the host to the printer.

**NOTE:**

- Please be sure to read “Precautions for Handling of Wireless Communication Devices” before operating the printer.
- Confirm that there are no obstacles between the printer and the host. Obstacles may cause a communication failure.

The radio connectivity is affected by the operating environment. Especially, metal obstacles, metal powder, or locations enclosed by metal walls may prevent proper communication. For the installation location of access points, please consult the nearest TOSHIBA TEC representative.



## Troubleshooting

When a problem occurs during operation, please check the following troubleshooting guide and take the corrective action suggested.

If you cannot solve a problem with the following solutions, do not attempt to repair it by yourself. Turn off the printer, remove the battery pack, then contact a TOSHIBA TEC service representative for assistance.

### If an error message is displayed.

When an error message is displayed, follow the respective instruction, then press the [PAUSE] button. The error will be cleared.

Error Message	Cause	Solution
COMMS ERROR	A parity error or framing error has occurred during communication.	Turn the power off, then back on. Send data from the host to the printer again. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.
PAPER JAM	The media is not correctly loaded.	Load the media correctly.
	The media has jammed in the printer.	Remove the jammed media, and load the media correctly. Press the [PAUSE] button.
	The media has not fed correctly.	Load the media correctly and press the [PAUSE] button.
	The reflective sensor does not detect black marks .	Load the correct media with black marks and press the [PAUSE] button.
	The transmissive sensor does not detect gaps between labels.	Load the correct media. If the problem recurs, set a threshold.
NO PAPER	The printer ran out of media.	Load a new media roll and press the [PAUSE] button.
COVER OPEN	The top cover is opened.	Close the top cover.
HEAD ERROR	A part of the print head element is broken.	Turn off the printer and contact TOSHIBA TEC service representative for replacement of the print head.
FLASH WRITE ERROR	A flash memory write error occurred.	Turn the power off, then back on. Send data from the host to the printer again. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.
FORMAT ERROR	A flash memory format error occurred.	Turn the power off, then back on. Send data from the host to the printer again. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.

Error Message	Cause	Solution
<b>FLASH MEMORY FULL</b>	The flash memory has insufficient area for storing data.	Turn off the [POWER] button, then back to on. Re-format the memory to free up space then send data from the host to the printer again. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.
<b>LOW BATTERY</b>	Remaining battery capacity is low.	Turn off the printer, and replace the battery pack with a fully charged one.
<b>EXCESS HEAD TEMPERATURE</b>	The print head temperature reached the upper limit of the operating temperature.	Stop printing and wait until the printer automatically restores. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.
<b>AMBIENT TEMP ERROR</b>	The ambient temperature reached the upper limit of the operating temperature.	Stop printing until the ambient temperature falls within the printer's operating temperature range.
<b>BATTERY TEMP ERROR</b>	The battery is extremely hot.	Turn off the printer, disconnect the power adapter if connected, and wait until the battery temperature falls within the printer's operating temperature range.
<b>HIGH VOLT. ERROR</b>	The battery voltage is abnormal.	Turn off the printer, remove the battery, reload it, and turn on the printer again. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.
<b>CHARGE ERROR</b>	An error was detected while charging the battery.	It could be the end of battery life. Replace the battery pack with a new one.
Command error example <b>PC001;0A00,0300,</b>	When a command error occurs, up to 16 digits of alphanumeric or symbol is displayed on the upper line of the LCD.	Turn off the printer, then back on. Send data from the host to the printer again. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.
Other error messages	A hardware or software failure occurs.	Turn off the printer p, then back on. If the problem recurs, please turn off the power and contact TOSHIBA TEC service representative.

\*\*\*\*: The number of unprinted labels 1 to 9999 (in units of label)

### When the printer does not operate properly

In the case of the following symptoms, please check the respective points and take corrective action.

Symptom	Point to check (Cause)	Solution
The printer does not turn on by pressing the POWER switch.	The battery pack is not loaded correctly.	Load a fully charged battery pack .
Fully charged battery is loaded but the operating time is short.	The battery life is expired.	Load a fully charged new battery pack
The printer cannot communicate via USB.	The printer is not turned on.	Turn on the printer.
	The printer is communicating via wireless communication. (GH30/GH40 only)	Terminate the wireless communication
	Issue mode is incorrect.	Select a correct issue mode.
	The printer is not turned on.	Turn on the printer.

Symptom	Point to check (Cause)	Solution
The printer cannot communicate via Bluetooth. (GH30/GS30 only)	Distance to the host is too far.	Bring the printer to within 3m of the host.
	The printer is used in a location where it is subjected to noise or interference.	Avoid such location.
	The printer address is not correctly set on the host.	Set the correct printer address on the host.
The printer cannot communicate via Bluetooth. (GH30/GS30 only) The printer cannot communicate via wireless LAN. (GH40/GS40 only)	Issue mode is incorrect.	Select the correct issue mode.
	The printer is not turned on.	Turn on the printer.
	Distance to the host is too far.	Bring the printer within a wireless coverage area.
The printer cannot communicate via wireless LAN. (GH40/GS40 only) Printout is too light.	Obstacles block the radio wave.	Use the printer in a location with no obstacles.
	The printer is used in a location where it is subjected to noise or interference.	Avoid such location.
	The printer address is not correctly set on the host.	Set the correct printer address on the host
	Channel setting for the access point or host is incorrect.	Avoid using a channel which interferes with adjacent access points.
	Issue mode is incorrect.	Select the correct issue mode.
	The print head is dirty.	Clean the print head.
	The media is not loaded properly.	Load the media properly.
	The media used has deteriorated past its use date .	Load a new media roll.
	The media is not a TOSHIBA TEC approved one	Use TOSHIBA TEC approved media.
	The STATUS lamp is lit or blinking.	Clear the error
Printout is too light. The printer received print data but does not print.	The media is not loaded correctly.	Load the media correctly.
The printer received print data but does not print.		