Hytera

BD30X DIGITAL PORTABLE RADIO

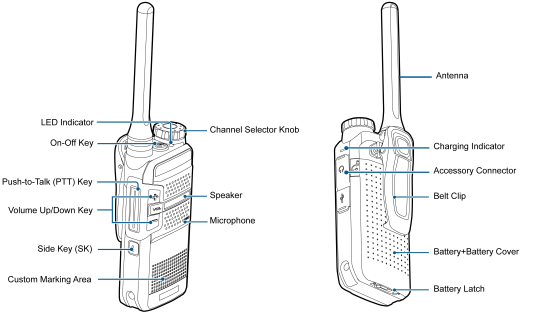
BD300X数字手持终端

QUICK REFERENCE GUIDE

快速操作手册

Product Overview

Product Layout



Programmable Key

For enhanced convenience, you can request your dealer to program **SK** as a shortcut to a radio feature. Consult your dealer for assignable radio features.

LED Indications

LED Indicator	Radio Status
Flashes green	The radio is being turned on.
Glows green	The radio is receiving.
Glows red	The radio is transmitting.
Flashes orange slowly	The radio is scanning.
Glows orange	Call hang time: No voice is being transmitted or received on the channel during a call. Within such a period, you can press and hold the **PTT** key and speak.

Basic Operations

Charging the Battery

CAUTION

- Read the *Safety Information Booklet* before charging.
- Use the approved charger to charge the battery.
- The remaining lithium-ion battery power is limited to 30% pursuant to the new lithium battery shipment regulation approved by International Air Transport Association (IATA).

Before initial use, make sure to charge the battery. To charge the battery, connect the radio to the power adapter, power bank, or PC with the data cable.

The charging indicator shows the charging status. For details, see the following table:

Charging Indicator	Charging Status
Glows red	The battery is being charged.
Glows green	The battery is fully charged.

Turning the Radio On or Off

To turn the radio on or off, press the **On-Off** key.

Adjusting the Volume

To adjust the volume, press the **Volume Up** or **Volume Down** key.

Selecting a Zone

A zone is a group of channels within the same operational area. The radio supports up to 3 zones, each of which contains up to 16 channels.

To select a zone, press the preprogrammed **Zone Up** or **Zone Down** key.

Selecting a Channel

To select a channel, rotate the **Channel Selector** knob.

If the Channel Notify feature is enabled, the radio automatically announces the current channel upon power-on and channel change.

Call Services

When you are speaking during a call, keep the microphone about 2.5 to 5 cm away from your mouth. This ensures optimal voice quality on the receiving radio.

Call on Digital Channel

You can initiate or receive the following types of calls on a digital channel:

- Private call: a call from an individual user to another individual user.
- Group call: a call from an individual user in a group to all the other members in the group.
- All call (enabled by your dealer): a call from an individual user to all other users on the current channel.

Initiating a Call

- On the home screen, rotate the **Channel Selector** knob to select the required channel, and then press and hold the **PTT** key to initiate a call to the contact preset on the channel.
- If the One Touch Call feature is configured by your dealer, press the preprogrammed **One Touch Call** key, and then press the **PTT** key to initiate a call to a private or group contact.

Receiving and Responding to a Call

You can listen to an incoming call without any operation.

To respond to a private or group call, press and hold the **PTT** key within the preset time.

Ending a Call

- A private/group call ends when the call hang time expires.
- An all call ends when the calling party releases the **PTT** key.

Call on Analog Channel (Without Signaling)

You can initiate a call to all other users on the current analog channel. The operations are the same as those on digital channel.

For details on more features and operations, please visit our website at: http://www.hytera.com, or scan the QR code to download the *User Manual*.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then 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 different circuit to that of the receiver's outlet.
- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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

Compliance with RF Exposure Standards

Hytera's portable radio complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR § 1.1307, 1.1310 and 2.1093.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95. 1:2005; Canada RSS102 Issue 5 March 2015.
- Institute of Electrical and Electronic Engineers (IEEE) C95.1:2005 Edition

RF Exposure Compliance and Control Guidelines and Operating Instructions

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits always adhere to the following procedures.

Guidelines:

- Do not remove the RF Exposure Label from the device.

- User awareness instructions should accompany device when transferred to other users.
- Do not use this device if the operational requirements described herein are not met.

Operating Instructions:

- Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the **Push-To-Talk** (**PTT**) button. To receive calls, release the **PTT** button. Transmitting 50% of the time, or less, is important because the radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).
- Keep the radio unit at least 2.5 cm away from the face. Keeping the radio at the proper distance is important as RF exposure decreases with distance from the antenna. The antenna should be kept away from the face and eyes.
- When worn on the body, always place the radio in a Hytera-approved holder, holster, case, or body harness or by use of the correct clip for this product. Use of non-approved accessories may result in exposure levels which exceed the FCC's occupational/controlled environmental RF exposure limits.
- Use of non-approved antennas, batteries, and accessories causes the radio to exceed the FCC RF exposure guidelines.
- Contact your local dealer for the product's optional accessories.

IC Statement

The device has been tested and complies with SAR limits, users can obtain Canadian information on RF exposure and compliance

Après examen de ce matériel aux conformité aux limites DAS et/ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir les informations correspondantes

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

Toute modification ou modification non expressément approuvée par la partie responsable de la conformité pourrait annuler le pouvoir de l'utilisateur d'exploiter l'équipement.

L'exposition aux champs rf de conformité et de contrôle d'orientations et instructions

Pour contrôler l'exposition et s'assurer de la conformité avec les limites d'exposition professionnelle / environnement contrôlé, toujours respecter les procédures suivantes.
Lignes directrices:
Ne pas enlever l'étiquette de l'appareil d'exposition aux radiofréquences.
Sensibilisation des utilisateurs instructions devraient accompagner dispositif lorsque transférés à d'autres utilisateurs.

Ne pas utiliser cet appareil si les exigences opérationnelles décrites ci - après ne sont pas remplies.
Les instructions de fonctionnement:
Transmettre non plus que le facteur d'utilisation nominal de 50% du temps.à transmettre (parler), pousse le pousse à parler (ptt).
Pour recevoir des appels, les ptt.50% du temps de transmission, ou moins, est important parce que la radio génère de l'énergie rf seulement lors de la transmission des (en termes de mesure de la conformité aux normes).
Ie groupe de la radio continue d'au moins 2,5 cm de la surface.garde la radio à la bonne distance est important, car l'exposition aux champs rf diminue avec la distance de l'antenne.l'antenne doit se tenir loin du visage et des yeux.

Quand portés sur le corps, toujours place de la radio dans un étui, hytera approuvé titulaire, ou un harnais ou par l'utilisation de la vidéo pour ce

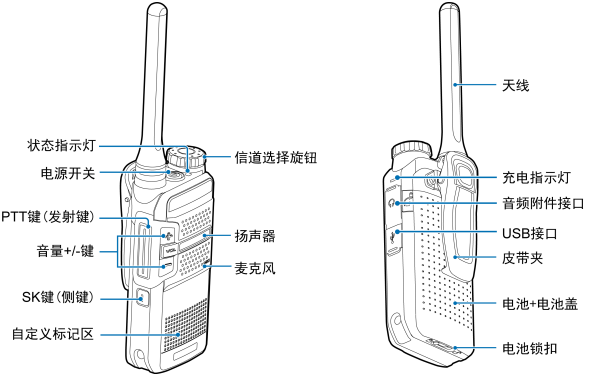
Quand portés sur le corps, toujours place de la radio dans un étui, hytera approuvé titulaire, ou un harnais ou par l'utilisation de la vidéo pour ce produit.utilisation des accessoires non approuvés peuvent entraîner des fac qui dépassent les niveaux d'exposition professionnelle et environnementale contrôlée des limites d'exposition aux rf.
Les opérations doivent satisfaire aux deux conditions suivantes:
Ce dispositif peut ne pas causer d 'interférences nuisibles.
Ce dispositif doit accepter toute interférence reçue,
Y compris les interférences qui peuvent provoquer des accidents.Operation
Non approuvé des antennes, les piles et les accessoires causes la radio à dépasser les lignes directrices sur l'exposition aux radiofréquences de fac.
Communiquez avec votre distributeur local pour les accessoires facultatifs du produit.

SAR tests are conducted using standard operating positions accepted by the FCC/ISEDC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.
Before a new model device is a available for sale to the public, it must be tested and certified to the FCC/ISEDC that it does not exceed the exposure limit established by the FCC/ISEDC, Tests for each device are performed in positions and locations (worn on the body)as required by the FCC/ISEDC.
For face-up, 25mm was used for test, this equipment should be installed and operated with minimum distance 25mm.
For body worn operation, this model phone has been tested and meets the FCC/ISEDC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 0mm from the body.
Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

Les essais SAR sont effectués à l'aide de positions d'exploitation normalisées acceptées par la FCC/ISEDC avec l'appareil transmettant à son niveau de puissance certifié le plus élevé dans toutes les bandes de fréquences testées, bien que le SAR soit déterminé au niveau de puissance certifié le plus élevé, le niveau réel de R-S de l'appareil pendant son fonctionnement peut être bien inférieur à la valeur maximale.
Avant qu'un nouveau dispositif de modèle ne soit disponible à la vente au public, il doit être testé et certifié à la FCC/ISEDC qu'il ne dépasse pas la limite d'exposition établie par la FCC/ISEDC, les tests pour chaque appareil sont effectués dans des positions et des emplacements (portés sur le corps) comme l'exige la FCC/ISEDC.
Pour le face-vers le haut, 25mm a été utilisé pour l'essai, cet équipement doit être installé et actionné avec une distance minimale de 25mm.
Pour le fonctionnement du corps usé, ce téléphone modèle a été testé et répond aux directives d'exposition RF FCC/ISEDC lorsqu'il est utilisé avec un accessoire désigné pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal et qui positionne le combiné d'un minimum de 0mm du corps.
Le non-respect des restrictions ci-dessus peut entraîner une violation des lignes directrices sur l'exposition aux RF.

熟悉产品

部件介绍



可编程按键

为了提升操作便利性，终端提供可编程按键是【SK】键。具体功能及操作方法请咨询经销商。

状态指示灯

指示灯状态	产品状态
绿色闪烁	正在开机
绿色常亮	正在接收
红色常亮	正在发射
橙色慢闪	正在扫描
橙色常亮	呼叫保持状态即呼叫建立无人讲话时，您可以按住【PTT】键回呼

基本操作

充电

⚠注意

- 请使用我司指定的充电设备充电。
- 请在充电前参阅《安全信息手册》之“严禁充电”，以获取必要的电池安全信息。
- 根据国际民航（IATA）《危险物品安全航空运输技术细则》2016新规定要求，航空运输的锂离子电池（芯）的荷电状态不得超过其额定容量的30%。因此，电池配主机首次使用可能会出现低电告警现象，请在使用前先对电池进行充电。

使用数据线插入USB接口，连接电源适配器、移动电源或PC，可以对电池进行充电。

观察主机侧面的充电指示灯可以了解当前充电状态。

指示灯状态	充电状态
红色常亮	正在充电
绿色常亮	已充满

开关机

按下【电源开关】键即可开机或关机。

调节音量

开机后，按【音量+】键可以增大音量，按【音量-】键可以减小音量。

选择区域

区域是一个信道组，您可以将具有相同属性的信道列入一个区域中，便于您对现有信道进行有效管理。终端支持3个区域，每个区域可以配置

16个信道。

按【区域上调】/【区域下调】快捷键切换至所选区域。

选择信道

信道是信号传输的通道，旋转【信道选择】旋钮可以选择信道。

如果终端已开启信道播报功能，开机或旋转【信道选择】旋钮切换信道时，终端会播报信道号。

呼叫

为保证最佳接收音量，发射时麦克风与嘴的距离请保持2.5厘米～5厘米。

数字呼叫

您可以对当前数字信道上预设的联系人进行个呼、组呼或全呼（全呼权限需要由经销商开启）。

- 个呼是一对一的呼叫。
- 组呼是一对多的呼叫。
- 全呼是对当前数字信道上所有联系人发起的呼叫。

发起呼叫

- 在待机界面，按住【PTT】键对当前数字信道上预设的个呼联系人、组呼联系人或全呼联系人直接发起个呼、组呼或全呼。
- 当经销商配置【一键呼叫】的呼叫对象为个呼联系人或组呼联系人时，按【一键呼叫】快捷键后按【PTT】键发起呼叫。

接听和回复呼叫

您无须任何操作即可接听呼叫。

个呼或组呼过程中，在预设时间内按住【PTT】键回复呼叫。

结束呼叫

- 个呼/组呼：当双方无人按【PTT】键讲话，超过呼叫保持时间时，终端将结束个呼/组呼。
- 全呼：主叫松开【PTT】键，终端将结束全呼。

模拟呼叫（无信令）

您可以对当前模拟信道上的所有用户发起呼叫，操作方法同数字信道呼叫。

如需了解更多功能和操作详情，请访问我们的网站：http://www.hytera.com或扫描二维码，在线查看或下载配套的说明书。

Hytera
is the trademark or registered trademark of Hytera Communications Corporation Limited.
© 2018 Hytera Communications Corporation Limited. All Rights Reserved.
Address: Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, People's Republic of China
Postcode: 518057
http:// www.hytera.com

Hytera
是海能达通信股份有限公司的注册商标或商标
© 2018 海能达通信股份有限公司。版权所有
地址：深圳市南山区北环大道9108号
邮编：518057
服务热线：400-830-7020
http://www.hytera.com

Z17714 L32733 Z04313
5202010060767A