



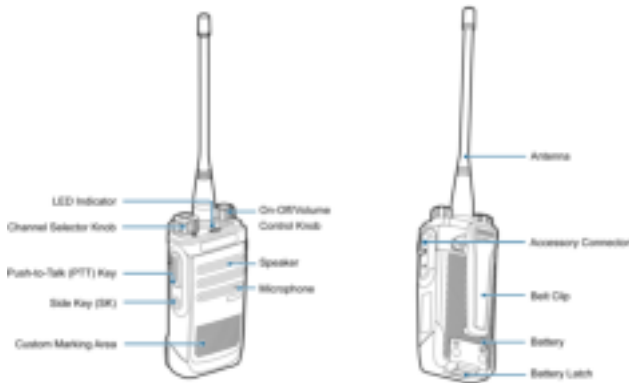
BD50X DIGITAL PORTABLE RADIO

QUICK REFERENCE GUIDE



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.
Glow green	The radio is receiving.
Glow red	The radio is transmitting.
Flashes orange slowly	The radio is scanning.
Glow 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



- 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. You can charge either the standalone battery or the radio with battery attached. It is recommended that the radio remain powered off during charging.

The LED indicator on the charger shows the charging status. For details, see the following table.

LED Indicator	Charging Status
Glow red	The battery is being charged.
Glow orange	The battery is charged to 85% or more.
Glow green	No battery is placed on the charger, or the battery is fully charged.

Turning the Radio On or Off

To turn the radio on or off, rotate the **On-Off/Volume Control** knob clockwise or counter-clockwise until you hear a click.

Adjusting the Volume

To increase or decrease the volume, rotate the **On-Off/Volume Control** knob clockwise or counter-clockwise.

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 private/group/all call 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.

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.

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).

Le 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 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/ISED 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 available for sale to the public, it must be tested and certified to the FCC/ISED that it does not exceed the exposure limit established by the FCC/ISED, Tests for each device are performed in positions and locations (worn on the body)as required by the FCC/ISED. For face-up, 25mm was used for test, this equipment should be installed and operated with minimum distance 25mm.

For body worn operation, this device has been tested and meets the FCC/ ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal .

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/ISED 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/ISED qu'il ne dépasse pas la limite d'exposition établie par la FCC/ISED, les tests pour chaque appareil sont effectués dans des positions et des emplacements (portés sur le corps) comme l'exige la FCC/ISED.

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 un fonctionnement porté sur le corps, cet appareil a été testé et répond aux directives d'exposition RF FCC/ISED lorsqu'il est utilisé avec un accessoire conçu pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal.

Le non-respect des restrictions ci-dessus peut entraîner une violation des lignes directrices sur l'exposition aux RF.



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