

DEFAULT FREQUENCIES CHART

CH No.	Freq. (MHz)	Code	CH No.	Freq. (MHz)	Code
1	464.5500	1	9	464.5500	29
2	467.9250	1	10	467.9250	29
3	467.8500	1	11	467.8500	29
4	467.8750	1	12	467.8750	29
5	464.5500	6	13	464.5500	-
6	467.9250	6	14	467.9250	-
7	467.8500	6	15	467.8500	-
8	467.8750	6	16	467.8750	-

AVAILABLE FREQUENCIES CHART

Freq. (MHz)	Freq. (MHz)	Freq. (MHz)	Freq. (MHz)
464.5000	462.8375	467.8875	452.7625
464.5500	462.8625	467.9125	452.8625
467.7625	462.8875	469.4875	456.1875
467.8125	462.9125	469.5125	456.2375
467.8500	464.4875	469.5375	456.2875
467.8750	464.5125	469.5625	468.2125
467.9000	464.5375	462.1875	468.2625
467.9250	464.5625	462.4625	468.3125
461.0375	466.0375	462.4875	468.3625
461.0625	466.0625	462.5125	468.4125
461.0875	466.0875	467.1875	468.4625
461.1125	466.1125	467.4625	468.5125
461.1375	466.1375	467.4875	468.5625
461.1625	466.1625	467.5125	468.6125
461.1875	466.1875	451.1875	468.6625
461.2125	466.2125	451.2375	456.3375
461.2375	466.2375	451.2875	456.4375
461.2625	466.2625	451.3375	456.5375
461.2875	466.2875	451.4375	456.6375
461.3125	466.3125	451.5375	457.3125
461.3375	466.3375	451.6375	457.4125
461.3625	466.3625	452.3125	457.5125
462.7625	467.7875	452.5375	457.7625
462.7875	467.8375	452.4125	457.8625
462.8125	467.8625	452.5125	

CTCSS PRIVACY CODES CHART

Code No.	Freq. (Hz)	Code No.	Freq. (Hz)
1	67.0	20	131.8
2	71.9	21	136.5
3	74.4	22	141.3
4	77.0	23	146.2
5	79.7	24	151.4
6	82.5	25	156.7
7	85.4	26	162.2
8	88.5	27	167.9
9	91.5	28	173.8
10	94.8	29	179.9
11	97.4	30	186.2
12	100.0	31	192.4
13	103.5	32	203.5
14	107.2	33	210.7
15	110.9	34	218.1
16	114.8	35	225.7
17	118.8	36	233.6
18	123.0	37	241.8
19	127.3	38	250.3

DCS PRIVACY CODE CHART

No.	Code	No.	Code	No.	Code	No.	Code
1	23	27	165	53	413	79	731
2	25	28	172	54	423	80	732
3	26	29	174	55	431	81	734
4	31	30	205	56	432	82	743
5	32	31	223	57	445	83	754
6	43	32	226	58	464	84	36
7	47	33	243	59	465	85	53
8	51	34	244	60	466	86	122
9	54	35	245	61	503	87	145
10	65	36	251	62	506	88	212
11	71	37	261	63	516	89	225
12	72	38	263	64	532	90	246
13	73	39	265	65	546	91	252
14	74	40	271	66	565	92	255
15	114	41	306	67	606	93	266
16	115	42	311	68	612	94	274
17	116	43	315	69	624	95	325
18	125	44	331	70	627	96	332
19	131	45	343	71	631	97	356
20	132	46	346	72	632	98	446
21	134	47	351	73	654	99	452
22	143	48	364	74	662	100	454
23	152	49	365	75	664	101	455
24	155	50	371	76	703	102	462
25	156	51	411	77	712	103	523
26	162	52	412	78	723	104	526

LIMITED WARRANTY

Midland Radio Corporation will repair or replace, at its option without charge, any Midland UHF transceiver which fails due to a defect in material or workmanship within two years following the initial consumer purchase.

This warranty does not apply to water damage, battery leak or abuse.

Accessories have a one year warranty from date of purchase, including any antennas, batteries, chargers, or headsets/earphones.

This warranty does not include the cost of labor for removal or re-installation of the product in a vehicle or other mounting.

For product purchased in the USA:

Performance of any obligation under this warranty may be obtained by returning the warranted product, prepaid freight, along with proof of purchase to:

**Midland Radio Corporation
Warranty Service Department
5900 Parretta Drive
Kansas City, MO 64120**

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Note: The above warranty applies only to merchandise purchased in the United States of America or any of the territories or possessions thereof, or from a U.S. Military exchange.

For Product Purchased in Canada:

Performance of any obligation under this warranty may be obtained by returning the warranted product, along with proof of purchase, to your dealer in Canada.

This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some areas.

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NOTE: Features & specifications are subject to change without notice.

MIDLAND is not responsible for unintentional errors or omissions on its packaging or owner's manual.

ACCESSORIES

Accessories can be purchased from your local dealer or at www.midlandusa.com.

BA1



Programming
Cable for BR200
\$9.99

BA9



D-ring
Headset
\$29.99

BA2



Over the Ear
Headset
\$29.99

BRB200



Li-Ion
Spare Battery
\$29.99

BA3



Concealed
Headset
\$39.99

BGC200



Multi-Unit
Charger
\$99.99

BA4



Speaker
Microphone
\$39.99

15.105 Information to the user.

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



5900 Parretta Drive
Kansas City, MO 64120
816.241.8500

We'd love to hear from you! Let us know what you think of your new Midland product at



or by visiting us at midlandusa.com

Note: Features & Specifications are subject to change without notice. MIDLAND is not responsible for unintentional errors or omissions on its packaging.



MIDLAND promotes environmental sustainability by providing battery recycling. Call 1.800.822.8837 for the nearest drop off site to you.

RF Exposure Statement

Our radio generates RF electromagnetic energy during transmit mode. This radio is designed for and classified as "Occupational Use Only" meaning it must be used only during the course of employment by individuals aware of the hazards and the ways to Minimize Such hazards.

This radio is NOT intended for use by the "General Population" in an uncontrolled environment. This radio has been tested and complies with the FCC RF exposure limits for "Occupational Use Only".

In addition, our radio complies with the following Standards and Guidelines with regard to RF energy and electromagnetic energy levels and evaluation of such levels for exposure to humans:

-IEEE Std. 1528:2013 and KDB447498, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.

-American National Standards Institute (C95.1 1992), IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields 3 kHz to 300 GHz.

-American National Standards Institute (C95.3-1992), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields and Microwave.

The information listed above provides the user with the information needed to make him or her aware of RF exposure and what to do to as-sure that this radio operates with the FCC RF exposure limits of this radio.

Electromagnetic Interference/Compatibility

During transmissions, the radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so.

DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft and blasting sites.

Occupational/Controlled Use

The radio transmitter is used in situations in which persons are exposed as consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.

CANADA LICENSING INFORMATION

Before using this radio, read this booklet which contains important operating instructions. For information on product details, brochures, user manuals and approved accessories Compliance with RF Exposure Standards National and international regulations require manufacturers to comply with the RF energy

exposure limits for portable two-way radios before they can be marketed. Your two-way radio is designed, manufactured, and tested to comply with all applicable national and international regulations for human exposure to radio frequency electromagnetic energy. When two-way radios are used as a consequence of employment, applicable regulations may require users to be fully aware of and able to control their exposure to meet occupational requirements.

RF Energy Exposure Awareness and Control Information and Operational Instructions for Occupational Use

NOTE: This radio is intended for use in occupational/controlled conditions where users are aware of their exposure and can exercise control over their exposure to meet the requirements in national and international regulations. This radio device is not authorized for general population, consumer use.

For more information on what RF energy exposure is, and how to control your exposure to ensure compliance with established RF exposure limits, consult the following websites:

www.xxxyyy.com

RF Exposure Compliance and Control Guidelines

This radio transmitter has been approved by FCC/ISED to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. It is up to the user to properly operate this radio transmitter to insure safe operation. Please adhere to the following:

- Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the radio, or result in violation of FCC/ISED regulations.
- Do not use the radio with a damaged antenna.
- If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.
- Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.
External Antenna: Maximum Antenna Gain: 1.5 dBi Antenna impedance: 50 Ohms
To control your exposure, and ensure compliance with the relevant RF exposure limits, always adhere to the following guidelines:
- Do not remove any of the RF Exposure Labels if present from this device or its related accessories.
- Attach these instructions to the device when you transfer it to other users.
- Do not use this device if the operational requirements described herein are not met.

Operating Instructions

- Transmit no more than 50% of the time. To transmit (talk), press the Push-To-Talk (PTT) button. To receive calls, release the PTT button. Transmitting more than 50% of the time may cause RF exposure compliance requirements to be exceeded.
- Hold the radio in a vertical position in front of the face with the microphone (and other parts of the radio including the antenna) at least 1 in. (2.5 cm) away from the nose or lips. Antenna should be kept away from the eye.
- When worn on the body, always place the radio in a Manufacturer-approved clip,holder,

- holster, case, or body harness for this product.
- DO NOT hold the antenna when the radio is transmitting.
- DO NOT use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.
- To ensure continued compliance with applicable RF exposure limits, use only Manufacturer approved, supplied or replacement antennas, batteries, and accessories

Use of the radio in Canada/USA is subject to the rules & regulations of FCC/ISED. Changes or modifications not expressly approved by our may void the user authority granted by the IC to operate this radio and should not be made. To comply with FCC/ISED requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the FCC/ISED equipment authorization for this radio could violate FCC/ ISED rules.

Note: Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technicians.

To be safe and sure:

- Never open your radio's case.
- Never change or replace anything in your radio except the battery.
- Any attempt to change frequencies or output power of the radio invalidates the approval.

Notice to Users

The operation of your radio is subject to the Radiocommunications Act and must comply with rules and regulations of the Federal Government's department of Innovation, Science, and Economic Development Canada (ISED). ISED requires that all operators using Private Land Mobile frequencies obtain a radio license before operating their equipment.

The License Application

1. Fill in the items as per the instructions. If you need additional space for any item, use the reverse side of the application.
2. Be sure to print legibly
3. Make a copy for your files.
4. Prepare a cheque or money made out to the "Receiver General for Canada", for an amount, which is on the following schedule, for each radio purchased. (License is renewed on April 1st each year, and issued for a period of 12 months).
5. Mail your completed application, along with your cheque or money order to the closest ISED District office, according to the list on pages. To obtain the latest Canadian License

Application form, please go to http://www.ic.gc.ca/ic_wp-pa.htm

MISE EN GARDE

Avant d'utiliser cette radio, lisez cette brochure qui contient d'importantes instructions d'utilisation

Conformité aux normes sur l'exposition aux radiofréquences

Les réglementations nationales et internationales énoncent que les fabricants doivent s'assurer que leurs radios bidirectionnelles portables sont conformes aux limites d'exposition à l'énergie RF avant de les commercialiser. Votre radio bidirectionnelle a été conçue, fabriquée et testée afin de garantir sa conformité aux normes nationales et internationales liées à l'exposition des êtres humains à l'énergie électromagnétique de radiofréquence. Lorsque les radios bidirectionnelles sont utilisées à des fins professionnelles, la réglementation applicable peut exiger des utilisateurs qu'ils soient pleinement conscients de l'exposition à laquelle ils sont soumis et soient en mesure de la contrôler afin de satisfaire aux exigences de leur profession.

Information de sensibilisation et de gestion de l'exposition à l'énergie RF, et instructions pour l'utilisation professionnelle

REMARQUE : Cette radio a été conçue pour un usage professionnel dans un environnement contrôlé, où les utilisateurs sont pleinement conscients de l'exposition à laquelle ils sont soumis et peuvent exercer un contrôle sur cette exposition afin de respecter les limites établies par les règlements nationaux et internationaux. Cet appareil radio n'est pas autorisé pour l'utilisation par la population générale et les consommateurs.

Visitez les sites Web suivants pour obtenir plus de renseignements sur ce qu'est l'énergie RF et sur les moyens de contrôle à prendre afin de respecter les limites établies en matière d'exposition à l'énergie RF : www.xxyyy.com

Directives de conformité et de contrôle de l'exposition à l'énergie RF

Cet émetteur radio a été approuvé par la FCC/ISED pour fonctionner avec les types d'antennes listés ci-dessous avec le gain maximum autorisé et l'impédance d'antenne requise pour chaque type d'antenne indiqué. Il incombe à l'utilisateur d'utiliser correctement cet émetteur radio pour garantir un fonctionnement sûr. Veuillez respecter les points suivants :

- Utilisez uniquement l'antenne fournie ou une antenne approuvée. Les antennes non autorisées, les modifications ou les accessoires peuvent nuire à la qualité des appels, endommager la radio ou entraîner une violation des réglementations FCC/ISED.
- N'utilisez pas la radio avec une antenne endommagée.
- Si une antenne endommagée entre en contact avec la peau, une brûlure mineure peut en résulter. Veuillez contacter votre revendeur local pour obtenir une antenne de remplacement.
- Les types d'antennes qui ne figurent pas dans cette liste et dont le gain est supérieur au gain maximal indiqué pour ce type d'antenne sont strictement interdits avec cet appareil.

Antenne externe : Gain maximal de l'antenne : 1,5 dBi Impédance de l'antenne : 50 Ohms

Pour contrôler votre exposition et assurer la conformité aux limites d'exposition à l'énergie RF appropriées, observez toujours les directives suivantes.

- Ne pas retirer les étiquettes relatives à l'exposition à l'énergie RF qui sont apposées sur cet appareil ou sur ses accessoires.
- Joignez ces instructions à l'appareil lorsque vous le transférez à d'autres utilisateurs.
- N'utilisez pas cet appareil si les conditions de fonctionnement décrites aux présentes ne sont pas réunies.

Instructions d'utilisation

- Ne pas émettre plus de 50 % du temps. Pour émettre (parler), appuyez sur le bouton Presser pour Parler (PTT). Pour recevoir les appels, relâchez le bouton PTT. Le fait d'émettre plus de 50 % du temps peut entraîner le dépassement des limites d'exposition à l'énergie RF normalisées.
- Tenez la radio à la verticale devant le visage, en maintenant une distance d'au moins 2,5 cm (1 pouce) entre le micro (et les autres parties de la radio, y compris l'antenne) et le nez ou les lèvres. L'antenne doit être maintenue loin des yeux.
- Lorsque vous portez la radio sur vous, fixez-la toujours avec une pince ou une attache de ceinture et placez-la dans un étui ou un harnais approuvé par fabricants pour l'utilisation avec ce produit.
- NE TENEZ PAS l'antenne entre vos doigts pendant que la radio émet.
- N'UTILISEZ PAS une radio portative dont l'antenne est endommagée. Si une antenne endommagée entre en contact avec votre peau, il peut en résulter une brûlure légère.
- Pour la conformité continue avec les limites d'exposition aux RF applicables, utilisez uniquement les antennes, les batteries et les accessoires de remplacement ou fournis et approuvés par fabricants.

L'utilisation de la radio au Canada/États-Unis est soumise aux règles et réglementations de la FCC/ISED. Les changements ou modifications qui ne sont pas expressément approuvés par nos soins peuvent annuler l'autorisation d'utilisation accordée par l'IC pour faire fonctionner cette radio et ne doivent pas être effectués. Pour se conformer aux exigences de la FCC/ISED, les réglages de l'émetteur ne doivent être effectués que par ou sous la supervision d'une personne certifiée techniquement qualifiée pour effectuer l'entretien et les réparations de l'émetteur dans les services mobiles terrestres privés et les services fixes, certifiés par une organisation représentative de l'utilisateur de ces services. Le remplacement de tout composant de l'émetteur (cristal, semi-conducteur, etc.) non autorisé par l'autorisation d'équipement FCC/ISED pour cette radio peut constituer une violation des règles FCC/ISED.

Remarque : L'utilisation de cette radio en dehors du pays où elle est destinée à être distribuée est soumise à des réglementations gouvernementales et peut être interdite.

Important : Tout changement ou modification non expressément approuvé par la

partie responsable de la conformité peut annuler l'autorité de l'utilisateur à faire fonctionner cet appareil. Votre radio est configurée pour transmettre un signal réglementé sur une fréquence assignée. Il est illégal de modifier ou d'ajuster les réglages de la radio pour dépasser ces limites. Tout réglage de votre radio doit être effectué par des techniciens qualifiés.

Pour plus de sécurité:

- N'ouvrez jamais le boîtier de votre radio.
- Ne changez ou ne remplacez jamais rien dans votre radio, à l'exception de la batterie.
- Toute tentative de modification des fréquences ou de la puissance de sortie de la radio annule l'homologation.

Avis aux utilisateurs

Le fonctionnement de votre radio est assujéti à la Loi sur la radiocommunication et doit se conformer aux règles et règlements du ministère Innovation, Sciences et Développement économique Canada (ISED) du gouvernement fédéral. L'ISED exige que les utilisateurs de fréquences mobiles terrestres privées obtiennent une licence avant d'utiliser leur équipement.

WARNING:

This product has been factory set to comply with the requirements of the US/Canada/European Union, and the user cannot program the product or manually enable the product to operate outside of the frequency bands regulated by the respective regulations. Users must comply with the laws of their region and must not use unofficial software or illegal techniques to enable the product to operate outside of the offending frequency bands. You will be penalized by law.