

Technology & Compatibility

Symptom	Solution
What is the Frequency Range or Band?	UHF (Ultra High Frequency) Business Band Frequencies between 451.1875 to 469.5625 MHz
Is the BR180, BR200 or MB400 a digital or analog radio?	All BizTalk radios are Analog , the most widely used and trusted 2-way radio technology.
What will the BR180, BR200 or MB400 work with...?	<ol style="list-style-type: none"> Other Analog UHF radios programmed to the same B&I frequency and privacy code. 1-, 2- or 4-watt UHF radios, understanding there will be a range/coverage difference. For example, the MB400 may be able to reach a 1-watt radio, but the 1-watt radio may not be able to reach back to the MB400. (See “About Coverage”) <p>UHF radios that can be programmed to Business & Industrial Pool frequencies between 450-470 MHz (451.1875 to 469.5625 MHz to be exact - See the BizTalk Compatibility chart for more details.</p> <p>Why the “B & I Pool” disclaimer? There are frequencies within 450 to 470 MHz band that CANNOT be used for B & I, such as FRS, GMRS, and other restricted use frequencies.</p>
They Will NOT work with:	<ol style="list-style-type: none"> VHF (136-174 MHz), 800, 900 MHz or any other frequency band beside UHF. DMR (Digital Mobile Radio) radios using FDMA, TDMA, such as Motorola MotoTrbo, Kenwood NXDN-NEXEDGE, UNLESS they are programmed as backwards compatible with analog.

Question	Solution
<p>My Radio does not work/talk with my other radio(s).</p>	<ol style="list-style-type: none"> 1. Confirm you are set (programmed) to the same frequency and privacy code. 2. Make sure you are within range of the other radio, and there are not any obstructions between you and the other radio. 3. Make sure the “other radio” is using the same technology. <p>What is the “Other radio”?</p> <ol style="list-style-type: none"> 1. If not a UHF Business band radio - STOP, different technology, they will not work together. 2. If it is another UHF Business radio, the “BizTalk” may need to be programmed to work with your existing radios. Either DIY or send them in and we can do it for you. 3. If you know the frequency and codes your radios are programmed to, you can do it yourself. You will need a programming cable; BA1 (\$9.99) for the BR180 and BR200, MPC400 (\$19.99) for the MB400. The programming software is free - download it from our website www.Midlandusa.com support. 4. If you do not know the frequency and code of your existing radios, send it to us and we will take care of it for you.
<p>Are they Intrinsically Safe?</p>	<p>Sorry, no. It should not be used around highly flammable or explosive materials.</p>
<p>What’s the difference between the BA and MA Accessories?</p>	<p>They may look very much alike, but the accessory connector is different.</p> <ul style="list-style-type: none"> • The BA accessories are for the “BR Series” radios. • The MA accessories are for the “MA Series” radios.