

Specifying Wireless Frequencies - 300 Series VHF

All Mipro Wireless VHF products are FCC approved and operate on FCC designated itinerate frequencies in the 169-174 MHz band or on frequencies in the 174-216 MHz. VHF band (TV Ch.'s 7-13).

Please select a VHF frequency from the following Frequency Selection Chart. To order specify the stock number for the model and frequency selected.

SIMPLE IS BEST. MIX & MATCH FREELY - ALL MIPRO FREQUENCIES ARE COMPATIBLE across all Mipro models & series, affording maximum flexibility and ease of use.

As with any VHF wireless system, be mindful to avoid choosing any wireless frequency that falls within the channel of any Broadcast TV stations which may be transmitting in your local area. (This does not apply to local cable TV channel designations).

Frequency Selection Chart

Local Television Channel	VHF Frequency Range	MR-312 Receiver MH-303/MT-303	MR-322 Receiver	MR-312 Receiver	MR-322 Receiver	MH-303	MT-303
		VHF PLL Frequency Group	VHF PLL Frequency Group	Stock Number	Stock Number	Stock Number	Stock Number
Channel 7	174-180 MHZ	VNA1 VNA2	VNA1/VNA2	283100 283101	283200	283300 283301	283400 283401
Channel 8	180-186 MHZ	VNB1 VNB2	VNB1/VNB2	283102 283103	283201	283302 283303	283402 283403
Channel 9	186-192 MHZ	VNB3 VNC1	VNB3/VNC1	283104 283105	283202	283304 283305	283404 283405
Channel 10	192-198 MHZ	VNC2 VNC3	VNC2/VNC3	283106 283107	283203	283306 283307	283406 283407
Channel 11	198-204 MHZ	VND1 VND2	VND1/VND2	283108 283109	283204	283308 283309	283408 283409
Channel 12	204-210 MHZ	VND3 VND4	VND3/VND4	283110 283111	283205	283310 283311	283410 283411
Channel 13	210-216 MHZ	VNE1		283112		283312	283412
TOTAL # OF CHOICES		13	12	13	12	13	13
MAXIMUM # COMPATIBLE		13	12	13	12	13	13

SPECIAL NOTE: MR-312/MR-322 SERIES RECEIVERS AND TRANSMITTERS

The Mipro MR-300 Series wireless components have all been designed for maximum inter-compatibility and ease of use. The "frequency-agility" of each transmitter and receiver enables you to select any one of 16 specific frequency channels within its particular PLL Frequency Group range. This will only be necessary in the unlikely event of interference on the factory-preset Frequency Channel #8. Be certain to set both the receiver and its matching transmitter to the same frequency channel. If your unit is an MR-322 or you are operating more than one MR-312 at your location, it is important that all of the frequency channel selectors are set to the same frequency channel to assure multi-system compatibility (eg. 111111, 444, 9999, etc.). By following this simple rule it may be possible to operate up to 13 wireless systems in one location as long as each wireless system is in a different PLL Frequency Group. The limitation to this will be if there are any active television stations broadcasting in your area on any of the Broadcast Television Channels listed in the above Frequency Selection Chart, which you will want to avoid using. For larger requirements you may operate two wireless systems in the same PLL Frequency Group together provided that one system is set to Frequency Channel #8 and the other is set to Frequency Channel #10. Using this method it may be possible to operate up to 26 MR-312 single channel wireless systems or up to 12 MR-322 dual channel wireless systems in one location. You may use a mixture of MR-312's and MR-322's as long as you have no more than 2 units in the same PLL Frequency Group and you follow the above guidelines.

TIP:

Generally, it also helps to NOT mix different wireless system brands as each manufacturer has their own multi-frequency allocation program making it more difficult to avoid frequency incompatibility when multiple brands are used. Ideally, to ensure maximum system compatibility, use your Mipro wireless components with other Mipro Wireless. In the real world, however, this may be sometimes unavoidable. In such cases, please contact your local Sales Rep for assistance.