



FAST FOOD FREQUENCY PAIRING

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The frequency pairs marked with an "*" are either odd or missing.

Headset/Speaker frequency pairing for VHF-low / VHF-high band:

Speaker	Headset
30.840	- 154.570
31.000	- 170.305
31.240	- ??? ??? (151.745 or 151.775 or 151.805 or 151.835)
31.400	- 154.515 *
33.140	- 151.895
33.140	- 170.305 *
33.160	- 154.515
33.400	- 154.540
33.400	- 154.570 *
35.020	- 154.490 *
35.020	- 151.895 *
35.020	- 154.600
35.120	- ??? ??? (151.745 or 151.775 or 151.805 or 151.835)
35.880	- ??? ??? (151.745 or 151.775 or 151.805 or 151.835)
35.960	- ??? ??? (151.745 or 151.775 or 151.805 or 151.835)

Headset/Speaker frequency pairing for VHF-high band:

Speaker	Headset
151.715	- 169.445
151.775	- 171.905
154.570	- 170.245
154.600	- 171.105
154.600	- 170.245 *

Headset/Speaker frequency pairing for UHF band:

Speaker	Headset
457.5125	- 467.7375
457.5250	- 467.7500
457.5375	- 467.7625
457.5500	- 467.7750
457.5625	- 467.7875
457.5750	- 467.8000
457.5875	- 467.8125
457.6000	- 467.8250
457.6125	- 467.8375
457.5125	- 468.4875
457.5250	- 467.8250 *
457.5375	- 468.3875
457.6000	- 467.7500 *
462.7625	- 467.8875
460.8875	- 465.8875
461.0375	- 466.0375
461.0875	- 466.0875
461.1125	- 466.1125
461.2875	- 466.2875
461.5375	- 462.1625 *
461.5375	- 466.5375
462.1625	- 467.1625
464.9625	- 469.9625
464.9875	- 469.9875
469.0125	- 464.0125
469.0375	- 464.0375
469.0625	- 464.0625
469.0875	- 464.0875
469.1125	- 464.1125
469.1375	- 464.1375
469.1625	- 464.1625
469.1875	- 464.1875
469.2125	- 464.2125
469.2375	- 464.2375
469.2625	- 464.2625
469.2875	- 464.2875
469.3125	- 464.3125
469.3375	- 464.3375
469.3625	- 464.3625
469.3875	- 464.3875

Headset/Speaker frequency pairing for ISM band Wide FM (3M Headsets):

Speaker	Headset
920.0125	- 903.0125
920.0250	- 903.0250
.	.
.	.
921.0000	- 904.0000
.	.
.	.
921.9750	- 904.9750
921.9875	- 904.9875

Headset/Speaker frequency pairing for ISM band (HM Electronics):

Speaker	Headset
902.0125	- 926.0125
902.0250	- 926.0250
.	.
.	.
903.0000	- 927.0000
.	.
.	.
903.9750	- 927.9750
903.9875	- 927.9875

The most common frequency pairs to check are:

30.8400 --- 154.5700
31.0000 --- 170.3050
33.1600 --- 154.5150
33.4000 --- 154.5400
35.0200 --- 154.6000
154.5700 --- 170.2450
154.6000 --- 171.1050
457.5125 --- 468.4875
457.5375 --- 468.3875
457.5500 --- 467.7750
457.6000 --- 467.8250
461.0375 --- 466.0375
460.8875 --- 465.8875
461.0875 --- 466.0875
469.0125 --- 464.0125

This list covers most Fast Food chains across the entire US and parts of Canada.

FAST FOOD FREQUENCY PAIRING

as of 02/04/2000

RESTAURANT	CUSTOMER (R)	CLERK (I)
Arbys	30.8400	154.5700
	31.0000	170.3050
	457.5500	467.7750
	460.8875	465.8875
	461.0375	466.0375
	920.7250 WFM	903.7250 WFM
Bakers Dozen Donuts	457.5750	467.9750
Bess Eaton Donut	457.5375	467.7625
Bobs Big Boy	30.8400	154.5700
	457.6000	467.8250
Bobs Burger Express	469.0125	464.0125
	469.0375	464.0375
	469.0625	464.0625
	469.0875	464.0875
	469.1125	464.1125
	469.1375	464.1375
	469.1625	464.1625
	469.1875	464.1875
	469.2125	464.2125
	469.2375	464.2375
	469.2625	464.2625
	469.2875	464.2875
	469.3125	464.3125
	469.3375	464.3375
	469.3625	464.3625
	469.3875	464.3875
Bojangles	33.4000	154.5400
Boston Market	33.1600	154.5150
	33.4000	154.5400

Braums	31.0000	170.3050
	* 457.6000	467.7500
	461.0875	466.0875
	461.5375	466.5375
	462.1625	467.1625
Burger King (Canada)	30.8400	154.4900
Burger King	30.8400	154.5700
	31.0000	170.3050
	33.4000	154.5400
	457.5500	467.7750
	457.5625	467.7875
	457.5750	467.8000
	457.6000	467.8250
	460.8875	465.8875
	461.2875	466.2875
	461.5375	466.5375
	469.0125	464.0125
	920.2625 WFM	903.2625 WFM
Burgerville	30.8400	154.5700
Carls Jr	30.8400	154.5700
	457.5375	468.3875
	457.5500	467.7750
	457.5750	467.8000
	461.0875	466.0875
Chick Fil A	31.0000	170.3050
Coffee Time (Canada)	920.7375 WFM	903.7375 WFM
Coulters BBQ	31.0000	170.3050
Country Style (Canada)	457.5750	467.8000
Dairy Queen (Canada)	457.5750	467.8000
Dairy Queen	30.8400	154.5700
	460.8875	465.8875
	461.0875	466.0875
	461.5375	466.5375
	462.1625	467.1625

	920.2625 WFM	903.2625 WFM
Del Taco	35.0200	154.6000
Donut Diner (Canada)	921.2250 WFM	904.2250 WFM
Dunkin Donuts	30.8400	154.5700
	33.1600	154.5150
	33.4000	154.5400
	457.5500	467.7750
	920.2625 WFM	903.2625 WFM
El Mexicano	464.9625	469.9625
El Pollo Loco	33.1600	154.5150
	457.5500	467.7750
Foster Freeze	31.0000	170.3050
Hardees	30.8400	154.5700
	31.0000	170.3050
	35.0200	154.6000
	457.5375	467.7625
	460.8875	465.8875
	461.0875	466.0875
	461.1125	466.1125
	462.1625	467.1625
	469.0125	464.0125
Hot Dog Etc	30.8400	154.5700
	31.0000	170.3050
	33.1400	151.8950
In-N-Out Burger	33.1600	154.5150
	33.4000	154.5400
Jack in the Box	33.1600	154.5150
	33.4000	154.5400
	35.0200	154.6000
	457.5125	468.4875
	457.5750	467.8000
	469.0250	464.0250

James Coney Island	463.9875	468.9875
Kenny Rogers Roasters	469.0125	464.0125
Chicken	920.2875 WFM	903.2875 WFM
Kentucky Fried Chicken	30.8400	154.5700
	31.0000	170.3050
	33.1400	151.8950
	33.1600	154.5150
	33.4000	154.5400
	35.0200	154.6000
	457.5375	468.3875
	457.5875	467.8125
	457.6000	467.8250
	460.8875	465.8875
	461.0875	466.0875
	462.1625	467.1625
	462.7625	467.8875
	464.0875	469.0875
Lick's Burgers (Canada)	921.9370 WFM	904.9370 WFM
Long John Silvers	33.1600	154.5150
	33.4000	154.5400
McDonalds (Canada)	30.5800	154.4900
	30.8400	151.6700
	30.8400	154.1450
McDonalds	30.8400	154.5700
	31.0000	170.3050
	33.1400	151.8950
	* 33.1400	170.3050
	33.4000	154.5400
	* 33.4000	154.5700
	* 35.0200	151.8950
	* 35.0200	154.4900
	35.0200	154.6000
	151.7150	169.4450
	151.7450	UNKNOWN

	151.7750		171.9050	
	151.8650		UNKNOWN	
	154.5700		170.2450	
	154.6000		171.1050	
*	154.6000		170.2450	
	457.5125		468.4875	
	457.5375		468.3875	
	457.5500		467.7750	
	457.6000		467.8250	
	460.8875		465.8875	
	461.0375		466.0375	
	461.0875		466.0875	
	461.3125		466.3125	
	462.1625		467.1625	
	463.2875		468.2875	
	464.5125		469.5125	
	469.0125		464.0125	
	469.0625		464.0625	
	469.1125		464.1125	
	469.1375		464.1375	
	469.1625		464.1625	
	469.1875		464.1875	
	469.3125		464.3125	
	469.3375		464.3375	
	469.3875		464.3875	
	902.3000		926.4000	
	920.2000	WFM	903.2000	WFM
	920.2625	WFM	903.2625	WFM
	920.5000	WFM	903.5000	WFM
	920.9625	WFM	903.9625	WFM
	921.2250	WFM	904.2250	WFM
	921.9000	WFM	904.9000	WFM
Mr. Muggs (Canada)	921.9370	WFM	904.9370	WFM
Mrs Winners Drive-up	30.8400		154.5700	

Pit Stop Food & Beverage	457.5375	468.3875
	461.0375	466.0375
	461.0875	466.0875
Popeyes	33.4000	154.5400
	469.0125	464.0125
Rallys	30.8400	154.5700
	33.1600	154.5150
	457.5375	468.3875
	461.0875	466.0875
	* 461.5375	462.1625
	469.0125	464.0125
Robin's Donuts (Canada)	457.5750	467.9750
Roy Rogers	30.8400	154.5700
	33.1600	154.5150
	33.4000	154.5400
	457.5375	467.7625
	469.0125	464.0125
	469.2125	464.2125
Sheetz Gas Station	469.0125	464.0125
Sonic	33.1600	154.5150
Taco Bell (Canada)	30.4000	154.5400
Taco Bell	30.8400	154.5700
	31.0000	170.3050
	* 31.4000	154.5150
	33.1600	154.5150
	33.4000	154.5400
	35.0200	154.6000
	457.5375	468.3875
	457.5500	467.7750
	460.8875	465.8875
	461.0375	466.0375
	461.0875	466.0875
	461.5375	466.5375
	462.7625	467.8875

	464.9625	469.9625
	469.0125	464.0125
	469.2125	464.2125
Taco Bueno	30.8400	154.5700
	461.3125	466.3125
Taco Cabana	33.4000	154.5400
TCBY	457.5500	467.7750
Tim Hortons Donuts(Canada)	30.5800	154.4900
	457.5750	467.9750
Wendys	31.0000	171.3050
	33.1600	154.5150
	33.4000	154.5400
	35.0200	154.6000
	49.8300	49.8900
	457.5125	467.7375
	457.5357	467.7625
	457.5375	468.3875
	457.6125	467.8375
	460.8875	465.8875
	461.0875	466.0875
	461.8125	466.8125
	462.1625	467.1625
	464.9875	469.9875
	469.0125	464.0125
	469.2125	464.2125
Whataburger	30.8400	154.5700
	* 457.5250	467.8250
	457.5500	467.7750
	* 457.6000	467.7500
	* 457.6125	467.7500
	469.0125	464.0125
	469.0375	464.0375
	469.0625	464.0625
	469.0875	464.0875

	469.1125	464.1125
	469.1375	464.1375
	469.1625	464.1625
	469.1875	464.1875
	469.2125	464.2125
	469.2375	464.2375
	469.2625	464.2625
	469.2875	464.2875
	469.3125	464.3125
	469.3375	464.3375
	469.3625	464.3625
	469.3875	464.3875
White Castle	457.6000	467.8250
	461.8125	466.8125
Weinerschnitzel	33.4000	154.5400

FAST FOOD FREQUENCY PAIRING

CUSTOMER	CLERK	RESTAURANT CHAINS
30.4000	--- 154.5400	Taco Bell(Canada)
30.5800	--- 154.4900	Tim Hortons Donuts(Canada)
30.5800	--- 154.4900	McDonalds(Canada main freq)
30.8400	--- 151.6700	McDonalds(Canada aux. freq)
30.8400	--- 154.1450	McDonalds(Canada aux. freq)
30.8400	--- 154.5700	Arbys, Bobs Big Boy, Burger King, Burgerville, Carls Jr, Dairy Queen, Dunkin Donuts, Hardees, Hot Dog Etc, Kentucky Fried Chicken, Mrs Winners Drive-up, McDonalds, Rallys, Roy Rogers, Taco Bell, Taco Bueno, Whataburger
31.0000	--- 170.3050	Arbys, Braums, Burger King, Chick Fil A, Coulters BBQ, Foster Freeze, Hardees, Hot Dog Etc, Kentucky Fried Chicken, McDonalds, Taco Bell, Wendys

31.4000	---	154.5150	*	Taco Bell
33.1400	---	151.8950		Hot Dog Etc, Kentucky Fried Chicken, McDonalds
33.1400	---	170.3050	*	McDonalds
33.1600	---	154.5150		Boston Market, Dunkin Donuts, El Pollo Loco, In-n-Out Burger, Kentucky Fried Chicken, Long John Silvers, Rallys, Roy Rogers, Sonic, Taco Bell, Wendys
33.4000	---	154.5400		Boston Market, Bojangles, Burger King, Dunkin Donuts, In-N-Out Burger, Jack in the Box, Kentucky Fried Chicken, Long John Silvers, McDonalds, Popeyes, Roy Rogers, Taco Bell, Taco Cabana, Wendys, Wienerschnitzel
33.4000	---	154.5700	*	McDonalds
35.0200	---	151.8950	*	McDonalds
35.0200	---	154.4900	*	McDonalds
35.0200	---	154.6000		Hardees, Jack in the Box, Kentucky Fried Chicken, McDonalds, Taco Bell
151.7150	---	169.4450		McDonalds
151.7450	---	UNKNOWN		McDonalds (Most likely paired with 169.505, 171.045, or 171.845)
151.7750	---	171.9050		McDonalds
151.8650	---	UNKNOWN		McDonalds (Most likely paired with 169.505, 171.045, or 171.845)
154.5700	---	170.2450		McDonalds
154.6000	---	171.1050		McDonalds
457.5125	---	467.7375		Wendys
457.5125	---	468.4875		Jack in the Box, McDonalds
457.5250	---	467.7500		PROBABLE FREQUENCY none found yet
457.5250	---	467.8250	*	Whataburger
457.5375	---	467.7625		Bess Eaton Donuts, Hardees, Roy Rogers, Wendys
457.5375	---	468.3875		Carls Jr, Kentucky Fried Chicken, McDonalds, Pit Stop Food & Beverage, Rallys, Taco Bell, Wendys
457.5500	---	467.7750		Arbys, Burger King, Carls Jr, Dunkin Donuts,

El Pollo Loco, McDonalds, Taco Bell, TCBY,
Whataburger

457.5625 --- 467.7875 Burger King

457.5750 --- 467.8000 Carls Jr, Country Style(Canada), Jack in the Box,
Burger King

457.5750 --- 467.9750 * Bakers Dozen Donuts(Canada),
Tim Hortons Donuts(Canada)

457.5875 --- 467.8125 Kentucky Fried Chicken

457.6000 --- 467.7500 * Braums, Whataburger

457.6000 --- 467.8250 Arbys, Bobs Big Boy, Burger King,
Kentucky Fried Chicken, McDonalds, White Castle

457.6125 --- 467.7500 * Whataburger

457.6125 --- 467.8375 Wendys

460.8875 --- 465.8875 Burger King, Carls Jr, Dairy Queen, Hardees,
Kentucky Fried Chicken, McDonalds, Taco Bell,
Wendys

461.0375 --- 466.0375 Arbys, McDonalds, Pit Stop Food & Beverage,
Taco Bell

461.0875 --- 466.0875 Braums, Carls Jr, Dairy Queen, Hardees,
Kentucky Fried Chicken, McDonalds,
Pit Stop Food & Beverage, Rallys, Taco Bell,
Wendys

461.1125 --- 466.1125 Hardees

461.2875 --- 466.2875 Burger King

461.3125 --- 466.3125 McDonalds, Taco Bueno

461.5375 --- 462.1625 * Rallys

461.5375 --- 466.5375 Braums, Dairy Queen, Burger King, Taco Bell

461.8125 --- 466.8125 Wendys, White Castle

462.1625 --- 467.1625 Braums, Dairy Queen, Hardees,
Kentucky Fried Chicken, McDonalds, Wendys

462.7625 --- 467.8875 Kentucky Fried Chicken, Taco Bell

463.2875 --- 468.2875 McDonalds

463.9875 --- 468.9875 James Coney Island

464.0875 --- 469.0875 Kentucky Fried Chicken

464.5125	---	469.5125	McDonalds, Wendys
464.9625	---	469.9625	El Mexicano, Taco Bell
464.9875	---	469.9875	Wendys
469.0125	---	464.0125	Bobs Burger Express, Hardees, Kenny Rogers Roasters Chicken, McDonalds, Popeyes, Rallys, Roy Rogers, Sheetz (Gas Station), Taco Bell, Wendys
469.0250	---	464.0250	Jack in the Box
469.0375	---	464.0375	Bobs Burger Express, Whataburger
469.0625	---	464.0625	Bobs Burger Express, McDonalds, Whataburger
469.0875	---	464.0875	Bobs Burger Express, Whataburger
469.1125	---	464.1125	Bobs Burger Express, McDonalds, Whataburger
469.1375	---	464.1375	Bobs Burger Express, McDonalds, Whataburger
469.1625	---	464.1625	Bobs Burger Express, McDonalds, Whataburger
469.1875	---	464.1875	Bobs Burger Express, McDonalds, Whataburger
469.2125	---	464.2125	Bobs Burger Express, Taco Bell, Wendys, Whataburger
469.2375	---	464.2375	Bobs Burger Express, Whataburger
469.2625	---	464.2625	Bobs Burger Express, Whataburger
469.2875	---	464.2875	Bobs Burger Express, Whataburger
469.3125	---	464.3125	Bobs Burger Express, McDonalds, Whataburger
469.3375	---	464.3375	Bobs Burger Express, McDonalds, Whataburger
469.3625	---	464.3625	Bobs Burger Express, Whataburger
469.3875	---	464.3875	Bobs Burger Express, McDonalds, Whataburger
469.2125	---	464.2125	Wendys
903.2000	---	926.2000	McDonalds
920.2000	WFM	903.2000	McDonalds
920.2625	WFM	903.2625	Dairy Queen, Dunkin Donuts, McDonalds
920.2875	WFM	903.2875	Kenny Rogers Roasters Chicken
920.5000	WFM	903.5000	McDonalds
920.7250	WFM	903.7250	Arbys
920.7375	WFM	903.7375	Coffee Time
920.9625	WFM	903.9625	McDonalds
921.2250	WFM	904.2250	McDonalds

* Odd frequencies pairing

(CTCSS) PL Tones used

Outside	Inside	
77.0	162.2	
88.5	123.0	Most Common PL Tones used by HM Electronics
100.0	131.8	
162.2		
107.2	141.3	
114.8	107.2	
114.8	127.3	
118.8	110.9	Most Common PL Tones used by Panasonic
156.7		
162.2	173.8	
114.8	127.3	

FREQUENCIES TO CHECK FOR FAST FOOD RESTAURANTS

VHF-low:

30.7600 30.8000 30.8400 30.8800 30.9200 30.9600 31.0000 31.0400 31.1600
 31.2000 31.2400 33.1400 33.1600 33.4000 35.0200 35.0400 35.0600 35.0800
 35.1000 35.1200 35.1400 35.1800 35.7000 35.7200 35.8800 35.9000 35.9200
 35.9400 35.9600 35.9800 42.9600 42.9800 43.0000

VHF-high:

151.6250 151.6550 151.6850 151.7150 151.7450 151.7750 151.8050 151.8350
 151.8650 151.8950 151.9250 151.9550 154.5150 154.5400 154.5700 154.6000
 169.4450 169.5050 170.2450 170.3050 171.0450 171.1050 171.8450 171.9050

UHF:

457.5125 457.5250 457.5375 457.5500 457.5625 457.5750 457.5875 457.6000
 457.6125 467.7375 467.7500 467.7625 467.7750 467.7875 467.8000 467.8125
 467.8250 467.8375 467.8500 467.8625 467.8750 467.8875 467.9000 467.9125
 467.9250

460.6625 460.6875 460.7125 460.7375 460.7625 460.7875 460.8125 460.8375
 460.8625 460.8875 460.9125 460.9375 460.9625 460.9875

462.7625 462.7875 462.8125 462.8375 462.8625 462.8875 462.9125

461.0000 thru 462.1875 with 12.5Khz step

463.2000 thru 464.9875 with 12.5Khz step

465.6625 465.6875 465.7125 465.7375 465.7625 465.7875 465.8125 465.8375
465.8625 465.8875 465.9125 465.9375 465.9625 465.9875

466.0000 thru 467.1875 with 12.5Khz step
468.2000 thru 469.9875 with 12.5Khz step

ISM Band 902 - 928 Mhz (3M headsets)

920.0000 - 922.0000 with 12.5Khz step WIDE FM (Speaker)
903.0000 - 905.0000 with 12.5Khz step WIDE FM (Headset)

ISM Band 902 - 928 Mhz (HM Electronics)

902.0000 - 904.0000 with 12.5Khz step (Speaker)
926.0000 - 928.0000 with 12.5Khz step (Headset)

This list was compiled from numerous posts on the Internet news groups
alt.radio.scanner and rec.radio.scanner from many posters, among them:

1. Robert H. Eisner <rheisner@pacbell.net>
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9. Burke Haworth <ab313@freenet.toronto.on.ca>
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Thanks for sharing the information!

Thanks to Robert Eisner for sending this to the Hounddog.
