

WIRELESS SYSTEMS FREQUENCY MAP

Wireless Series	Available Channels	Wireless Series	Available Channels
AirLine Series	UHF Channels U1–U6 (see below)	Concert IV	VHF Channels 0–3, 5–13, 17–27 (see below)
Series One w/ AirLine Transmitters	UHF Channels U1–U6 (see below)	UHF Synth 32	Synth 32 Channel Plan (see below)
Series One Micro w/ AirLine Transmitters	UHF Channels U1–U6 (see below)	UHF Micro 32	Synth 32 Channel Plan (see below)
AirLine Micro w/ AM1 Receiver	UHF Channels U1–U6 (see below)	UHF Synthesized	UHF Synthesized Channel Plan (see pg 32)
Series One	UHF Channels U1–U6 (see below)	UHF Synth Six	UHF Synth Six Channel Plan (see pg 32)
Series One Micro	UHF Channels U1–U6 (see below)		
Stage 5	VHF Channels 0–2, 5–13, 17–27 (see below)		
Stage 55	VHF Channels 0–2, 5–13, 17–27 (see below)		

VHF WIRELESS SYSTEMS FIXED FREQUENCY CHART

Please refer to the Samson VHF Frequency Chart below to see what Samson channels are on the same frequency as *Broadcast* (Non Cable) TV channels that might be located in your area. This chart is only intended as a rough guideline for wireless channel selection. There may be other channels that work extremely well in these areas based on proximity, etc. If you have more questions about wireless channel usage, please call Samson Customer Service at 1-800-372-6766.

Samson Channel	TV Channel	Frequency	Samson Channel	TV Channel	Frequency	Samson Channel	TV Channel	Frequency	Samson Channel	TV Channel	Frequency
0	7	174.6 MHz	7	10	195.6 MHz	14*	NONE	170.245 MHz	21	NONE	182.1 MHz
1	7	177.6 MHz	8	10	196.6 MHz	15*	NONE	171.845 MHz	22	NONE	183.3 MHz
2	8	181.6 MHz	9	11	199.6 MHz	16	NONE	173.8 MHz	23	NONE	184.0 MHz
3	8	183.6 MHz	10	11	202.2 MHz	17	NONE	174.1 MHz	24	NONE	184.7 MHz
4*	9	186.6 MHz	11	12	208.2 MHz	18	NONE	174.5 MHz	25	NONE	197.4 MHz
5	9	190.6 MHz	12	13	211.2 MHz	19	NONE	175.0 MHz	26	NONE	197.9 MHz
6	10	192.6 MHz	13	13	213.2 MHz	20	NONE	177.0 MHz	27	NONE	200.9 MHz

*For Reference only, these Channels are no longer available

UHF WIRELESS SYSTEMS FIXED FREQUENCY CHART

Please refer to the Samson UHF Frequency Chart below to see what Samson channels are on the same frequency as *Broadcast* (Non Cable) TV channels that may be located in your area. This chart is only intended as a rough guideline for wireless channel selection. There may be other channels that work extremely well in these areas based on proximity, etc. If you have more questions about wireless channel usage, please call Samson Customer Service at 1-800-372-6766.

Samson Channel	TV Channel	Frequency
A1	STL	947.125 MHz
A2	STL	947.375 MHz
A3	STL	948.375 MHz
A4	STL	950.000 MHz
A5	STL	951.125 MHz
A6	STL	951.875 MHz
U1	69	801.375 MHz
U2	69	801.875 MHz
U3	69	803.125 MHz
U4	69	803.750 MHz
U5	69	804.500 MHz
U6	69	804.750 MHz

STL refers to Studio Transmission Link for Mobile Broadcast and University Broadcast facilities.

SYNTH 32 CHANNEL PLAN

Low Band (MHz):

Group	0	1	2	3	4	5	6	7	8	9
Ch. 0		778.375	778.875	780.125	780.750	781.500	781.750			
Ch. 1		778.125	778.375	779.125	779.750	781.000	781.500			
Ch. 2		778.250	778.500	779.000	779.875	780.500	780.875			
Ch. 3		778.625	778.875	779.375	780.250	780.625	781.250			
Ch. 4		778.750	779.500	780.000	781.125	781.375	781.750			
Ch. 5		779.625	780.125	780.375	780.750	781.625				
Ch. 6	778.125	778.250	778.375	778.500	778.625	778.750	778.875	779.000	779.125	779.250
Ch. 7	779.375	779.500	779.625	779.750	779.875	780.000	780.125	780.250	780.375	780.500
Ch. 8	780.625	780.750	780.875	781.000	781.825	781.250	781.375	781.500	781.625	781.750
Ch. 9	781.875	782.000								

Medium Band (MHz):

Group	0	1	2	3	4	5	6	7	8	9
Ch. 0		801.375	801.875	803.125	803.750	804.500	804.750			
Ch. 1		801.125	801.375	802.125	802.750	804.000	804.500			
Ch. 2		801.250	801.500	802.000	802.875	803.500	803.875			
Ch. 3		801.625	801.875	802.375	803.250	803.625	804.250			
Ch. 4		801.750	802.500	803.000	804.125	804.375	804.750			
Ch. 5		802.625	803.125	803.375	803.750	804.625				
Ch. 6	801.125	801.250	801.375	801.500	801.625	801.750	801.875	802.000	802.125	802.250
Ch. 7	802.375	802.500	802.625	802.750	802.875	803.000	803.125	803.250	803.375	803.500
Ch. 8	803.625	803.750	803.875	804.000	804.125	804.250	804.375	804.500	804.625	804.750
Ch. 9	804.875	805.000								

High Band (MHz):

Group	0	1	2	3	4	5	6	7	8	9
Ch. 0	856.500	857.025	857.500	858.250	858.700	857.625	857.950	858.200	858.650	
Ch. 1	856.500	857.025	857.500	858.250	858.700					
Ch. 2	854.900	854.950	855.000	855.050	855.100	855.150	855.200	855.250	855.300	855.350
Ch. 3	855.400	855.450	855.500	855.550	855.600	855.650	855.700	855.750	855.800	855.850
Ch. 4	857.400	855.950	856.000	856.050	856.100	856.150	856.200	856.250	856.300	856.350
Ch. 5	856.400	856.450	856.500	856.550	856.600	856.650	856.700	856.750	856.800	856.850
Ch. 6	856.900	856.950	857.000	857.050	857.100	857.150	857.200	857.250	857.300	857.350
Ch. 7	857.400	857.450	857.500	857.550	857.600	857.650	857.700	857.750	857.800	857.850
Ch. 8	857.900	857.950	858.000	858.050	858.100	858.150	858.200	858.250	858.300	858.350
Ch. 9	858.400	858.450	858.500	858.550	858.600	858.650	858.700	858.750	858.800	858.850

UHF SYNTHESIZED CHANNEL PLAN

SAMSON UHF SYNTHESIZED FREQUENCY CHART

C H A N N E L

		0	1	2	3	4	5	6	7	8	9	*
G R O U P	0	805.875	804.750	802.375	800.500	799.500	798.000	797.750	NA	NA	NA	NA
	1	805.750	804.625	802.250	800.375	799.375	797.875	797.625	NA	NA	NA	NA
	2	805.125	804.000	801.625	799.750	798.750	797.250	797.000	NA	NA	NA	NA
	3	805.000	803.875	801.500	799.625	798.625	797.125	796.875	NA	NA	NA	NA
	4	804.500	804.250	803.250	800.875	799.125	796.625	796.250	NA	NA	NA	NA
	5	804.375	804.125	803.125	800.750	799.000	796.500	796.125	NA	NA	NA	NA
	6	803.000	802.625	800.125	798.375	796.000	795.000	794.750	NA	NA	NA	NA
	7	802.875	802.500	800.000	798.250	795.875	794.875	794.625	NA	NA	NA	NA
	8	805.375	802.125	799.875	797.500	795.750	794.500	794.125	NA	NA	NA	NA
	9	805.500	805.250	804.875	804.000	802.250	801.750	800.125	799.375	797.375	796.000	*G7 CH5

UHF SYNTH SERIES SIX CHANNEL PLAN

SAMSON UHF SYNTH SERIES SIX FREQUENCY CHART

C H A N N E L

		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
G R O U P	S T D M o d e l	00	805.875	804.750	802.375	800.500	799.500	798.000	797.750	NA	NA	NA	NA	NA	NA	NA	NA	NA
		01	805.750	804.625	802.250	800.375	799.375	797.875	797.625	NA	NA	NA	NA	NA	NA	NA	NA	NA
		02	805.125	804.000	801.625	799.750	798.750	797.250	797.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		03	805.000	803.875	801.500	799.625	798.625	797.125	796.875	NA	NA	NA	NA	NA	NA	NA	NA	NA
		04	804.500	804.250	803.250	800.875	799.125	796.625	796.250	NA	NA	NA	NA	NA	NA	NA	NA	NA
		05	804.375	804.125	803.125	800.750	799.000	796.500	796.125	NA	NA	NA	NA	NA	NA	NA	NA	NA
		06	803.000	802.625	800.125	798.375	798.000	795.000	794.750	NA	NA	NA	NA	NA	NA	NA	NA	NA
		07	802.875	802.500	800.000	798.250	795.875	794.875	794.625	NA	NA	NA	NA	NA	NA	NA	NA	NA
		08	805.375	802.125	799.875	797.500	795.750	794.500	794.125	NA	NA	NA	NA	NA	NA	NA	NA	NA
		09	805.500	805.250	804.875	804.000	802.250	801.750	800.125	799.375	797.375	796.000	794.875	NA	NA	NA	NA	NA
	0A	794.250	794.375	795.125	795.250	795.375	795.500	795.625	796.375	796.750	798.125	798.500	798.875	799.250	800.250	800.625	801.000	
	0B	801.125	801.250	801.375	801.875	802.000	802.750	803.375	803.500	803.625	803.750	805.625	NA	NA	NA	NA	NA	
	X M o d e l	10	782.125	782.750	783.250	784.000	785.750	787.750	789.250	790.625	791.625	793.875	782.375	NA	NA	NA	NA	NA
		11	782.375	782.875	785.875	787.375	789.375	790.750	791.750	792.500	NA	NA	NA	NA	NA	NA	NA	NA
		12	782.500	783.000	786.000	787.500	789.500	790.875	791.875	792.625	NA	NA	NA	NA	NA	NA	NA	NA
		13	782.625	783.125	786.125	787.625	789.625	791.000	792.000	792.750	NA	NA	NA	NA	NA	NA	NA	NA
		14	782.875	783.375	786.375	787.875	789.875	791.250	792.250	793.000	NA	NA	NA	NA	NA	NA	NA	NA
		15	783.000	783.500	786.500	788.000	790.000	791.375	792.375	793.125	NA	NA	NA	NA	NA	NA	NA	NA
		16	783.625	784.625	785.375	786.625	789.000	790.375	793.500	NA	NA	NA	NA	NA	NA	NA	NA	NA
		17	783.750	784.750	785.500	786.750	789.125	790.500	793.625	NA	NA	NA	NA	NA	NA	NA	NA	NA
18		782.625	783.875	785.000	786.375	787.125	788.125	788.625	NA	NA	NA	NA	NA	NA	NA	NA	NA	
19		784.500	786.250	788.250	789.750	792.125	792.875	793.375	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1A	782.250	784.125	784.250	784.375	784.875	785.125	785.250	785.625	786.875	787.000	787.250	788.375	788.500	788.750	788.875	790.125		
1B	790.250	791.125	791.500	793.250	793.750	794.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

NOTE:

- (1) "STD (Standard) Model" refers to the UR6D, UT6 and UH6.
- (2) "X Model" refers to the UR6DX, UT6X and UH6X.
- (3) When using multiple systems simultaneously, every frequency (channel) must be within the same group; the use of two or more different groups at the same time may cause intermodulation distortion. When using a Standard Model and an X Model simultaneously, use Group 10 in the X Model and one of the channels in the gray boxes for the Standard Model.
- (4) Do not use multiple channels within Groups 0A, 0B, 1A, and 1B simultaneously. Use only single channels within these Groups.
- (5) If UHF TV channel 68 is broadcast in your geographic area, we recommend the use of frequencies (channels) above 800 MHz. If UHF TV channel 69 is broadcast in your geographic area, we recommend the use of frequencies (channels) below 800 MHz.

UHF EARAMP CHANNEL PLAN

Wireless EarAmp Channel Selection Chart (U.S. Frequencies)

Group : Channel	38	39	40	41	42	43	44	45
1	614.35	620.35	626.35	632.35	638.35	644.35	650.35	656.35
2	616.10	622.10	628.10	634.10	640.10	646.10	652.10	658.10
3	616.50	622.50	628.50	634.50	640.50	646.50	652.50	658.50
4	617.40	623.40	629.40	635.40	641.40	647.40	653.40	659.40
5	619.30	625.30	631.30	637.30	643.30	649.30	655.30	661.30
6	620.00	626.00	632.00	638.00	644.00	650.00	656.00	662.00
7	614.70	620.70	626.70	632.70	638.70	644.70	650.70	656.70
8	615.05	621.05	627.05	633.05	639.05	645.05	651.05	657.05
9	615.40	621.40	627.40	633.40	639.40	645.40	651.40	657.40
10	615.75	621.75	627.75	633.75	639.75	645.75	651.75	657.75
11	617.00	623.00	629.00	635.00	641.00	647.00	653.00	659.00
12	617.80	623.80	629.80	635.80	641.80	647.80	653.80	659.80
13	618.15	624.15	630.15	636.15	642.15	648.15	654.15	660.15
14	618.50	624.50	630.50	636.50	642.50	648.50	654.50	660.50
15	618.85	624.85	630.85	636.85	642.85	648.85	654.85	660.85
16	619.65	625.65	631.65	637.65	643.65	649.65	655.65	661.65