



In 2004 a new range of European channel frequencies for fm radio aids were introduced.

All fmGenie units have the capability of operating on both the traditional and newer European frequencies?

The European wide channel grid was introduced to provide more frequencies for fm radio aid users.

Since February 2004, in line with DTI regulations, all new radio aid equipment must be supplied on the new 50kHz channel grid.

All existing equipment and channels may continue to be used for the foreseeable future but the old and new channels should not be used on the same site.

Spares and servicing for old channel equipment is permitted for the foreseeable future.

### European 50kHz channel spacing

The 50kHz channel spacing scheme offers 35 channels and has been the standard for new systems since 2004. Five of the channels are the same as ones in the traditional scheme. If your site is using all fmGenie equipment we would suggest that you change to this scheme as soon as is convenient.

### Traditional channel range

22 channels are available - the traditional channel range may continue to be used on existing sites.

**Under flash switches 1 and 2**  
– settings are the same for both Tx & Rx

*(don't forget to change your default channel or you will get an E1 error message)*



### European 50kHz channel spacing

Switch 1 **Up**      Switch 2 **Up**

### Traditional channel range

Switch 1 **Down**      Switch 2 **Down**

MHz	Euro fmGenie & CRM-220	Traditional fmGenie & CRM-220	220 Code Letter	Solaris & Scola	Amigo	Lexis	Phonak	MLxS
173.350	38	0	N	13	13		01	H01
173.400	39	1	A	15	15	15	02 <sup>3</sup>	H02
173.450	40			17	17			H91
173.465		2	B	19			03	
173.500	41			21	21			
173.545		3	C	23			04	
173.550	42			24				H92
173.600	43			25	25	25		
173.640		4	D	26			05	
173.650	44			27	27			
173.695		5	P	28			11	
173.700	45			29	29			
173.750	46			30	30			H93
173.775		6	Q&	31			12	
173.800	47			32	32	32		
173.825		7	R	33			13	
173.850	48			34	34			
173.900	49			35	35			
173.950	50	8	S	36	36		14	H14/H94
174.000	51	9		37	37			
174.050	52			38	38			
174.070		10	T	39			15	
174.100	53			40	40			H47
174.120		11	U	41			16	H16
174.150	54			42	42	42		H95
174.185		12	V	43			17	
174.200	55			44	44			
174.250	56			45	45			
174.270		13	W	46			18	
174.300	57			47	47			H48
174.350	58			48	48	48		H96
174.360		14	X	49			19	
174.400	59			50	50			
174.415		15	Z	51			20	H20
174.450	60			52	52			
174.500	61	16		53	53			H97
174.550	62			54	54			H06
174.600	63	17	E	55	55	55	06 <sup>2</sup>	H57
174.650	64			57	57			
174.675		18	F	58			07	
174.700	65			59	59			H59
174.750	66			60	60			H98
174.770		19	G	61			08	H08
174.800	67			62	62	62		H50
174.850	68			63	63			
174.885		20	H	64			09	H09
174.900	69			65	65			H99
174.950	70			66	66			H67
175.000	71			67	67	67		
175.020		21	J	68			10	
175.050	72			69	71			
Total channels	35	22	20	35		8	20	13

### Notes on the table

- 1 We always recommend that you should try to keep at least two channels separation (0.1MHz) between systems that are used near to each other – eg. in adjacent rooms.
- 2 Phonak 06 is preferred channel for Cochlear Freedom.
- 3 Phonak 02 is preferred channel for Cochlear Esprit 3G.

**IMPORTANT** To activate new switch settings it is necessary to turn the fmGenie **OFF** and then **ON** again.