







Radio Aid System Feature Comparison – Education & Business

Feature	fmGenie  <i>pages 10-32</i>	CRM-220  <i>pages 33-47</i>	Phonak MicroMLxS & SmartLink  <i>pages 48-58</i>	Phonak MicroMLxS & ZoomLink  <i>pages 48-58</i>
Multichannel selection	yes	Tx - fixed. Rx - common +plug-in module	yes, see product info	yes, see product info
Available UK channels	35	35	8+, see product info	8+, see product info
LCD status display	yes	<i>no</i>	Tx – yes, Rx – <i>no</i>	Tx – yes, Rx – <i>no</i>
AGC characteristics	selectable slow or fast	slow	fast	fast
Sound present indicator	yes	<i>no</i>	<i>no</i>	<i>no</i>
Low battery indicator	yes	yes	Tx – yes, Rx – <i>no</i>	Tx – yes, Rx – <i>no</i>
Battery level indicator	yes	<i>no</i>	Tx – yes, Rx – <i>no</i>	Tx – yes, Rx – <i>no</i>
Battery life rechargeable (approx)	40 hours	40 hours	Tx – 10 hours Rx – n/a	Tx – 10 hours Rx – n/a
Battery life non-rechargeable (approx)	120 hours	120 hours	Tx – n/a, Rx – halves HA battery life	Tx – n/a, Rx – halves HA battery life
In situ charging	yes – intelligent control	<i>no</i>	Tx – yes, Rx – n/a	Tx – yes, Rx – n/a
Charge frequency	weekly	weekly	daily	daily
Auto power off	yes	<i>no</i>	Tx – yes when used with aux input, Rx – yes	Tx – yes when used with aux input, Rx – yes
Self diagnostics controlled by microprocessor	yes	<i>no</i>	<i>no</i>	<i>no</i>
Channel autotune facility	yes	<i>no</i>	yes	yes
Feature enable/disable	yes	<i>no</i>	<i>no</i>	<i>no</i>
Operating range	25-100+ metres	25-50 metres	5-30 metres	5-30 metres
TRANSMITTER				
Internal microphone	yes	yes	yes	yes
Directional internal microphone	<i>no</i>	<i>no</i>	yes	yes
External microphone option	yes	yes	yes	yes
Auxiliary (TV) input socket	yes	<i>no</i> – but can be used with external adaptor	yes	yes
Microphone mixing with TV input	yes	<i>no</i>	yes	yes
Bluetooth mobile phone link with Tx	<i>no</i>	<i>no</i>	yes	<i>no</i>
Manual microphone muting	yes	<i>no</i>	ext mic with twisting	ext mic with twisting
Faulty aerial/mic lead indication	yes	<i>no</i>	<i>no</i>	<i>no</i>
Test tone facility	yes - 500Hz	<i>no</i>	<i>no</i>	<i>no</i>
Battery type	2 x AA	1 x PP3	internal	internal
Size in mm / weight with battery	88 x 59 x 25 / 125g	94 x 53 x 24 / 120g	98 x 35 x 18mm / 56g	98 x 35 x 18mm / 56g
RECEIVER				
Volume control adjustment	thumbwheel	screwdriver adjust	programmable	programmable
Volume control locking	yes	<i>no</i>	<i>n/a</i>	<i>n/a</i>
No fm signal indication	yes	<i>no</i>	<i>no</i>	<i>no</i>
Ext. environmental sound mic. i/p	yes	yes	<i>no</i>	<i>no</i>
Manual env. sound mic. muting	yes	<i>no</i>	yes	yes
Dynamic env. sound mic. muting	yes	external add on option	<i>no</i>	<i>no</i>
Level of muting	14dB	15dB from ext. mute	20dB	20dB
Tone adjustment	variable bass & treble cut & boost	fixed bass cut & treble boost	<i>no</i>	<i>no</i>
Resident/common channel	yes	yes	<i>no</i>	<i>no</i>
Headphone drive	yes	yes	<i>no</i>	<i>no</i>
Direct input lead range of lengths	300mm – 1.5m for both single & V binaural	300mm – 1m for both single & V binaural	<i>n/a</i>	<i>n/a</i>
Compatible with cochlear implant processors	yes	yes	yes, adaptor required	yes, adaptor required
Compatible with all direct i/p hearing aids	yes	yes	<i>no</i>	<i>no</i>
Compatible with all 'T' input hearing aids	yes	yes	<i>no</i>	<i>no</i>
Battery type	2 x AA	1 x PP3	power taken from hearing aid	power taken from hearing aid
Size / weight with battery	88x59x25mm / 135g	94x53x24mm / 130g	9 x 9 x 12mm / 1.5g	9 x 9 x 12mm / 1.5g