

COMPARISON OF EVOLUTION WIRELESS G2 AND G3 - WIRELESS ENG SYSTEMS

System	ew 100 G2	ew 100 G3
Variants	ew 100 ENG G2, ew 112-p G2, ew 122-p G3, ew 135-p G2	ew 100 ENG G3, ew 112-p G3, ew 122-p G3, ew 135-p G3
Frequency ranges	518-554, 626-662, 740-776, 786-822, 830-866	516-558, 566-608, 626-668, 734-776, 780-822, 823-865
Frequency agility	Tuneable in 25 kHz steps	Tuneable in 25 kHz steps
Max. switching bandwidth (MHz)	36 MHz	42 MHz
Max. number of switchable frequencies	1,440	1,680
Number of channel groups	9 (8 factory + 1 user)	21 (20 factory + 1 user)
Max. number of frequencies per group	4	12
Audio frequency range	40 - 18,000 Hz	30 - 18,000 Hz
S/N (dBA)	> 110	> 110
Autolock	No	Yes
Receiver EK		
Housing	Metal	Metal
Jog-Dial	No	Yes
Scan function	1 bank	All banks
Display	LCD/segment	LCD/graphic
Audio output	3.5 mm	3.5 mm
Battery Indication	3 steps plus Low Bat LED	3 steps plus Low Bat LED
Batteries / operation time	2x AA / 8h	2x AA / 8h
Squelch Setting indicated in RF Bar Graph	No	Yes (dotted line)
TX sync via RX	No	Name, Frequency, Pilot Tone on/off
Diversity type	Non Diversity	Adaptive Antenna Diversity (Line Cable is 2nd Antenna)
Transmitter SK		
Housing	Metal	Metal
Standard mic capsules	ME2, ME4	ME2, ME4
Display	LCD/segment	LCD/graphic
RF output power (mW)	30	30
RF Mute - Silent Mode	No	Yes
Sensitivity Range	30 dB (10 dB steps) via menu	60 dB (3 dB steps) via menu
Battery indication	3 steps + LowBat	3 steps + LowBat
Batteries / operation time	2 x AA / 8h	2 x AA / 8h
Charging contacts on bodypack transmitters	No	Yes

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System	ew 100 G2	ew 100 G3
Transmitter SKM		
Housing	Metal	Metal
Standard mic capsules	e 835	e 835
Configurable mute switch	No	No
Display	LCD/segment	LCD/graphic
Easy to exchange mic heads	No	Yes
RF output power (mW)	30	30
Easy to exchange mic heads	No	Yes
Jog-Dial	No	Yes
Sensitivity Range	30 dB (10 dB steps) via menu	48 dB (6 dB steps) via menu
Battery indication	3 steps + LowBat	3 steps + LowBat
Batteries / operation time	2x AA / 8h	2x AA / 8h
Charging contacts on handheld transmitters	No	Yes
Transmitter SKP		
Housing	Metal	Metal
Display	LCD/segment	LCD/graphic
RF output power (mW)	30	30
RF Mute - Silent Mode	No	Yes
Sensitivity Range	50 dB (10 dB steps) via menu	48 dB (6 dB steps) via menu
Battery indication	3 steps + LowBat	3 steps + LowBat
Batteries / operation time	2 x AA / 8h	2 x AA / 8h