

ELECTRO-VOICE US WIRELESS MICROPHONE SYSTEM COMPARISON CHART

	R300	RE-2	RE-2 Pro	FMR-500 ⁴
Construction	All-metal housings	High-impact ABS	Cast magnesium (receiver and bodypack) ABS/aluminum (handheld)	Cast magnesium (bodypack) ABS/aluminum (handheld) High-impact ABS (receiver)
Number of Bands	2 ²	2 ²	2	2
Total Frequencies	32	1112	1112	1112
Max Compatible Systems ¹	8	10 in 1 band; 16 across 2 bands	10 in 1 band; 16 across 2 bands	10 in 1 band; 16 across 2 bands
Frequency Range	A Band (618–634 MHz) B Band (678–694 MHz) ²	A Band (648–676 MHz) G Band (614–642 MHz)	A Band (648–676 MHz) G Band (614–642 MHz)	A Band (648–676 MHz) G Band (614–642 MHz)
Handheld Heads	PL22	N/D267a, N/D767a, RE410, RE510	N/D767a, RE410, RE510, PL80a Compatible with Shure wireless heads	N/D767a, RE410
Lavalier (Lapel Mic)	ULM18	OLM10, ULM21 ³	All EV lavalier mics	ELM-22S ³
Headworn Option	HM3	RE97 ³	All EV headworn mics	All EV headworn mics
EZ Sync	Yes	No	No	No
ClearScan	Yes	Yes	Yes	Yes
Output Power	8 mW, typical	Handheld: 30 mW Bodypack: 30 mW	Handheld: 30 mW, typical Bodypack: 5 or 50 mW, selectable	30 mW
Batteries	2x AA batteries	9 V	Bodypack: 2x AA batteries, NiMH rechargeable option Handheld: 9 V	9 V
Battery Life	14 hours	> 8 hours	> 8 hours	> 8 hours
Diversity System	Diversity antenna	Digital Posi-Phase™ True Diversity	Digital Posi-Phase™ True Diversity	Digital Posi-Phase™ True Diversity
S/N Ratio	> 100 dB A-weighted	> 100 dB A-weighted	> 100 dB A-weighted	> 100 dB A-weighted
Dynamic Range	> 95 dB	> 100 dB	> 100 dB	> 100 dB
Other Features		Smart battery connector Guitar system available	Smart battery connector Cellphone proof Guitar optimization mode	Smart battery connector Guitar optimization mode
Squelch	Tone code plus amplitude	Tone code plus amplitude	Tone code plus amplitude	Tone code plus amplitude
Audio Outputs	XLR mic level 1/4" line level (w/level control)	XLR mic level 1/4" line level (w/level control)	XLR mic level 1/4" line level (w/level control)	XLR mic level 1/4" line level (w/level control)



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Single and dual rack kits are available for most systems.

¹The actual maximum number of compatible systems depends on the RF activity in your area, including other wireless devices at your location. EV offers a free, online Frequency Band Selector at www.electrovoice.com to help you select the best product for your application. We strongly suggest that you contact EV Technical Support at 866-782-8346 or audiosupport@us.bosch.com if you plan to operate more than 8 wireless channels. The max compatible systems figure given here assumes there are NO active Television channel signals within the system's operating bandwidth, and no other wireless signal source carrier frequencies (or destructive IM3 or IM5 harmonics) falling within the system's operating bandwidth.

²Additional bands in the 700 and 800 MHz frequency range available outside the US for the R300. EV Wireless systems may be available in other frequency ranges in other countries.

³Any EV mic with TA4F connector can be used with this system.

⁴The FMR-500 is a Telex-branded wireless system sold through Electro-Voice dealers. More detailed information is available on the Telex website: www.telex.com