

## Competitive Product Guide for the RE90 Architectural Microphone Series

### Boundary Microphones

Make	Model	Description	Best Dealer	Response	Sensitivity	Dynamic Range	Phantom Voltage	Current	Output Impedance
EV	RE90B/RE90BW	Architectural Microphone Series Cardioid Boundary Mic	\$119.00/\$119.00	80 - 15kHz	25mV/pascal	102 dB	9 - 52 Vdc	2.5 mA	200 Ohms
	CT30/CT30W	Premium Cardioid Boundary	\$191.00/\$191.00	80 - 20kHz	20mV/pascal	102 dB	9 - 52 Vdc	2.5 mA	200 Ohms
AKG	C547BL	Premium Super-Cardioid Boundary	\$405.00	30 - 18kHz	8.5mV/pascal	112 dB	9 - 52 Vdc		400 Ohms
	C681	Cardioid Boundary Plate	\$134.00	60 - 20kHz	30mV/pascal	88 dB	9 - 52 Vdc		<200 Ohms
AT	AT851Rx	Cardioid Boundary Plate	\$145.00	30 - 20kHz	7.0mV/pascal	111 dB	9 - 52 Vdc	2.0 mA	200 Ohms
	AT961R	E.S.S. Cardioid Boundary Plate w/XLR Connector	\$172.00 - \$192.00	30 - 20kHz	22.4mV/pascal	103 dB	9 - 52 Vdc	2.0 mA	200 Ohms
Crown	PCC160	Cardioid Boundary Mic w/XLR	\$180.00	50 - 18kHz	22mV/pascal	98 dB	12 - 48 Vdc	4.0 mA	150 Ohms
	PCC170	Cardioid Boundary Mic w/XLR, Upscale Finish	\$174.00	50 - 20kHz	22mV/pascal	98 dB	12 - 48 Vdc	4.0 mA	150 Ohms
Shure	MX391	Basic Boundary Mic w/XLR, Seperate Preamp	\$120.00 - \$135.00	50 - 17kHz	42.2mV/pascal	94 dB	11 - 52 Vdc	2.0 mA	180 Ohms
	MX392	Boundary Mic w/Logic Functions, Built-in Preamp, Unterminated	\$155.00 - \$170.00	50 - 17kHz	42.2mV/pascal	94 dB	11 - 52 Vdc	2.0 mA	180 Ohms
	MX393	Boundary Mic w/Programmable Switch, Built-in Preamp, XLR cable	\$155.00 - \$170.00	50 - 17kHz	42.2mV/pascal	94 dB	11 - 52 Vdc	2.0 mA	180 Ohms

### Hanging Microphones

Model	Description	Best Dealer	Response	Sensitivity	Dynamic Range	Phantom Voltage	Current	Output Impedance	
EV	RE90H/RE90HW	Architectural Microphone Series Cardioid Hanging Mic	\$134.00/\$134.00	75 - 15kHz	27mV/pascal	95 dB	9 - 52 Vdc	2.5 mA	200 Ohms
	CH230/CH230W	Cardioid Hanging Mic, preamp in electrical box	\$173.00/\$173.00	30 - 20kHz	30mV/pascal	105 dB	12 - 52 Vdc	2.1 mA	150 Ohms
	CH230X/CH230WX	Cardioid Hanging Mic	\$173.00/\$173.00	75 - 20kHz	30mV/pascal	105 dB	12 - 52 Vdc	2.1 mA	200 Ohms
AKG	C921CM	Hanging Mic w/XLR Connector	\$167.00	60 - 20kHz	30mV/pascal	88 dB			<400 Ohms
	C947CM	Premium Hanging Mic w/XLR Connector	\$337.00	20 - 18kHz	40mV/pascal	98 dB			<400 Ohms
AT	AT853Rx	Hanging Mic w/XLR Connector and Interchangeable Heads	\$168.00	30 - 20kHz	7.9mV/pascal	115 dB	9 - 52 Vdc	2.0 mA	200 Ohms
	AT853a	Hanging Mic w/ Power Module	\$155.00	30 - 20kHz	6.3mV/pascal	108 dB	9 - 52 Vdc	2.0 mA	200 Ohms
	AT853PMx	Hanging Mic w/Ceiling Plate	\$138.00	30 - 20kHz	21.4mV/pascal	93 dB	24 - 48 Vdc	6-14mA	120 Ohms
	AT933Rxx	E.S.S. Hanging Mic w/Interchangeable Heads	\$153.00 - \$165.00	40 - 20kHz	7.9mV/pascal	115 dB	9 - 52 Vdc	2.0 mA	200 Ohms
Crown	CM31	Hanging Cardioid Mic w/XLR Connector	\$133.00	40 - 20kHz	13.5mV/pascal	92 dB	12 - 48 Vdc	4.0 mA	150 Ohms
Shure	MX203	Hanging Mic w/Interchangeable Heads, XLR Connector	\$120.00 - \$135.00	50 - 17kHz	21.1mV/pascal	94 dB	11 - 52 Vdc	2.0 mA	180 Ohms

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### Gooseneck Podium Microphones

Model	Description	Best Dealer	Response	Sensitivity	Dynamic Range	Phantom Voltage	Current	Output Impedance	
<b>EV</b>	RE90P-12/RE90P-19	Architectural Microphone Series Cardioid Gooseneck Mic	\$125.00/\$130.00	70 - 15kHz	4.5mV/pascal	102 dB	9 - 52 Vdc	2.5 mA	200 Ohms
	CP212/CP219	Premium Cardioid Gooseneck Mic	\$168.00/\$178.00	70 - 20kHz	4.5mV/pascal	117 dB	9 - 52 Vdc	2.5 mA	95 Ohms
<b>AKG</b>	C580	Gooseneck Hypercardioid Comb w/XLR base	\$154.00	60 - 15kHz	15mV/pascal				600 Ohms
	C621	Gooseneck Cardioid w/XLR base	\$148.00	70 - 20kHz	12mV/pascal				600 Ohms
	C647	Premium Gooseneck Hypercardioid Comb w/XLR base	\$315.00	30 - 18kHz	8.5mV/pascal	112 dB			400 Ohms
	C747	Premium Pencil Hypercardioid Comb w/XLR base	\$405.00	30 - 18kHz	10mV/pascal	112 dB	9 - 52 Vdc		400 Ohms
<b>AT</b>	AT859QMLx	Entry Level Gooseneck	\$105.00	40 - 20kHz	5.6mV/pascal	97 dB	9 - 52 Vdc	2.0 mA	200 Ohms
	AT857QMa	14.5" Gooseneck w/adapter base	\$156.00	30 - 20kHz	5.6mV/pascal	103 dB	9 - 52 Vdc	2.0 mA	200 Ohms
	AT857QMLa	19" Gooseneck w/XLR base	\$165.00	30 - 20kHz	5.6mV/pascal	103 dB	9 - 52 Vdc	2.0 mA	200 Ohms
	AT935QMR/C	Engineered Sound Series Gooseneck w/Interchangeable Heads	\$146.00 - \$155.00	40 - 20kHz	7.9mV/pascal	115 dB	9 - 52 Vdc	2.0 mA	200 Ohms
<b>Crown</b>	LM301	Cardioid Gooseneck w/XLR base	\$154.00	80 - 15kHz	6.0mV/pascal	92 dB	12 - 48 Vdc	3.5 mA	150 Ohms
<b>Shure</b>	MX412/419	Gooseneck w/Interchangeable Heads, XLR base	\$135.00 - \$150.00	50 - 17kHz	11.2mV/pascal	94 dB	11 - 52 Vdc	2.0 mA	180 Ohms
	MX412D/418D	PTT Gooseneck Desktop Mic w/Logic Functions	\$183.00 - \$193.00	50 - 17kHz	11.2mV/pascal	94 dB	11 - 52 Vdc	2.0 mA	180 Ohms

### Lavalier Microphones

Model	Description	Best Dealer	Response	Sensitivity	Dynamic Range	Phantom Voltage	Current	Output Impedance	
<b>EV</b>	RE90L	Architectural Microphone Series Ultra-Miniature Omni Lavalier Mic	\$149.00	50 - 18kHz	12.6 mV/pascal	103 dB	9 - 52 Vdc	1.0 mA	100 Ohms
	CO2/CO2W	Miniature Omni Lavalier Mic	\$125.00/\$125.00	50 - 20kHz	8.5mV/pascal	99 dB	12 - 52 Vdc	1.0 mA	100 Ohms
<b>AT</b>	MT831	Sub-miniature omni condenser		30 - 20kHz	19.9mV/pascal	107 dB	9 - 52 Vdc	2.0 mA	200 Ohms
<b>Sennheiser</b>	MKE2-60/K7	Sub-miniature omni condenser	\$396.00	20 - 20kHz	31mV/pascal	103 dB	12 - 48 Vdc	2.0 mA	200 Ohms
<b>Shure</b>	MX184	Microflex omni. interchangeable heads	\$130.00	50 - 17kHz	39.8mV/pascal	94 dB	11 - 52 Vdc	2.0 mA	180 Ohms
	SM12	Dynamic omni	\$70.00	50 - 15kHz	0.6mV/pascal	n/a	n/a	n/a	200 Ohms

## Competitive Product Guide for the RE90 Architectural Microphone Series

### Boundary Microphones

Make	Model	Finish	Features
<b>EV</b>	RE90B/RE90BW	Low-Gloss Black (RE90B), Low-Gloss White (RE90BW)	Low profile, rugged construction; full-base non-slip shock pad; miniature 6-foot cable; standard 3-pin male XLR type output connector; baffle effect equalization
	CT30/CT30W	Low-Gloss Black (CT30), Low-Gloss White (CT30W)	Low profile, rugged construction; full-base non-slip shock pad; miniature 6-foot cable; standard 3-pin male XLR type output connector; baffle effect equalization
<b>AKG</b>	C547BL	Black	Switchable bass cut; internal shock mount; 10-foot cable
	C681	Black	Small; paintable housing
<b>AT</b>	AT851Rx	Low-Gloss Black (AT851Rx), Low-Gloss White (AT851RWx)	HP filter switch; AT8533x Power Module; Interchangeable transducers
	AT961R	Black (AT961R), White (AT961RW)	25-foot cable; Low frequency roll-off
<b>Crown</b>	PCC160	PCC-160: Black; PCC-160W: Off-White	15-foot cable; Bass tilt switch
	PCC170	Black	15-foot cable; PCC-170SW has programmable membrane switch; PCC-170GT has squelch; bass and treble boost and cut
<b>Shure</b>	MX391	Semi-Gloss Black or Semi-gloss White	Separate in-line preamplifier; interchangeable cartridges; 12-foot cable
	MX392	Semi-Gloss Black	Programmable membrane switch with LED indicator, logic input/output capability; interchangeable cartridges
	MX393	Semi-Gloss Black	Programmable membrane switch with LED indicator and detachable Triple-Flex cable

### Hanging Microphones

Make	Model	Finish	Features
<b>EV</b>	RE90H/RE90HW	Low-Gloss Black (RE90H), Low-Gloss White (RE90HW)	Small profile, rugged construction; 25-foot braided, shielded cable; standard 3-pin male XLR-type output connector
	CH230/CH230W	Low-Gloss Black (CH230), Low-Gloss White (CH230W)	Preamp sets in electrical box; 75 Hz switchable HP filter
	CH230X/CH230WX	Low-Gloss Black (CH230X), Low-Gloss White (CH230WX)	Small profile, rugged construction; 25-foot braided, shielded cable; standard 3-pin male XLR-type output connector
<b>AKG</b>	C921CM	Black	Temperature and humidity stable cable; single gang mounting plate
	C947CM	Black	Temperature and humidity stable cable; single gang mounting plate
<b>AT</b>	AT853Rx	Black	Foam windscreen; power module; wire hanger; 25-foot cable; XLR connector
	AT853a	Low-Gloss Black (AT853a), Low-Gloss White (AT853Wa)	HP filter switch; cigarette pack pwr supply; 9 volt battery; foam windscreen; mic stand adapter
	AT853PMx	Low-Gloss Black (AT853PMa), Low-Gloss White (AT853PMWa)	Foam windscreen; power module; installs in a single-gang electrical box
	AT933Rxx	Low-Gloss Black	Foam windscreen; hanger; interchangeable transducers; 50-foot cable
<b>Crown</b>	CM31	Black microphone, white faceplates	30-foot cable; built-in mic hanger; electronics fits into outlet box; external pop filter
<b>Shure</b>	MX203	Black (MX202B), White (MX202W)	30-foot cable; in-line preamp; mic stand adapter; foam windscreen

## Competive Product Guide for the ENG 618

### Spec Comparison

Make	Model	Description	Best Dealer	Response	Sensitivity	Dynamic Range	Phantom Voltage	Current	Output Impedance
<b>Electro-Voice</b>	<b>ENG 618</b>	Combination line mic w/attached fishpole; 9 V battery power; Headphone Amp; Designed for News Gathering; 20-hr battery life Integral Shock Mount	\$535.00	50 - 8kHz	17mV/pascal	99 dB	12 - 52 Vdc	2.0mA	100 Ohms
<b>AKG</b>	<b>CK98+SE300B</b>	10-in long line mic; SE300B power module	\$430.00	20 - 20kHz	22mV/pascal	107 dB	9 - 52 Vdc	2.0 mA	200 Ohms
<b>Sennheiser</b>	<b>ME67/K7</b>	13.5-inch long line mic; K6 uses phantom or 1.5V battery MZW67 Windscreen MZW67Pro Windscreen Blimp Pistol Grip	\$440.00 \$33.75 \$232.50 \$236.25 \$232.50	40 - 20kHz	35mV/pascal	109 dB	12 - 48 Vdc	2.0 mA	200 Ohms
<b>Shure</b>	<b>SM90</b>	20.5-inch long line mic LTM Fishpole 90A-613 (estimated) \$225.00	\$556.00	60 - 20kHz	22mV/pascal	111 dB	11 - 52 Vdc	2.0 mA	150 Ohms

### Feature Comparison

Make	Model	Features
<b>Electro-Voice</b>	<b>ENG 618</b>	Bass roll-off switch; attached "fish-pole"; vinyl pouch; collapses to 18-inches
<b>AKG</b>	<b>CK98+SE300B</b>	75 Hz bass roll off switch; 10 dB pad; transformerless output; foam windscreen
<b>Sennheiser</b>	<b>ME67/K7</b>	K6 will operate for 150-hrs with a single AA battery; on-off switch with LED battery status
<b>Shure</b>	<b>SM90</b>	160 Hz cut-off switch; windscreen; A57E swivel Adapter; Carrying Case