

EV Electro-Voice®

PL Series



For Professional Live Sound

PL Series

Professional Live Sound Microphones

Generally speaking, in live sound systems, a microphone's job is quite simple: to couple an acoustical sound source (voice or instrument) to the sound reinforcement system components. How effectively and efficiently it couples source to destination is another matter entirely. Each sound source is unique—just as each sound system is unique—and, when adding further influencing factors to this equation, the environment in which this union takes place becomes equally as unique. Some environments are characterized by low, controlled volumes; some by moderate, predictable volumes; some are moderate yet unpredictable; and some are just flat-out very, very loud.

The PL Series was designed for Professional Live sound applications where coupling source to destination with excellent results is the bottom line; PL is all about outstanding performance, regardless of environment. Critically designed polar patterns and sonic signatures were designed to meet this criteria. From small clubs to medium halls to super systems in arenas and at festivals, all PL Series models meet the needs and exceed the expectations of performers and live sound professionals.

Common features:

- **Powerful neodymium magnet structures provide superior output, ultra-fast transient response, and excellent frequency response characteristics.**
- **Tight-mesh Memraflex™ grilles maintain their form regardless of treatment, protecting the capsule under the most demanding conditions.**
- **Proprietary suspension offers superior shock mounting, insulating and isolating the capsule from handling noise and the destructive impact of accidental drops.**
- **Superior polar pattern characteristics maintain uniformity with direct and indirect incoming sound, minimizing off-axis tonal coloration and allowing for higher gain and clarity.**
- **Multi-stage pop filters minimize the plosives caused by breath and wind velocity, ensuring clean, articulate close-mic'd vocals without pops.**
- **Non-reflective textured satin finish provides a comfortable and secure grip.**
- **Solid, roadworthy construction, backed up by a three-year warranty**



PL Series vocal mic design

The new PL Series was conceived and designed by EV's world-class R&D team, consisting of **microphone design engineers** drawing from decades of microphone design experience, **front-of-house sound engineers** with a real-world bead on optimal microphone function, and **professional performing vocalists** who know exactly when the mic-to-voice relationship is just right.

The result? A unique lineup of world-class vocal mics that redefine sonic performance, durability, and value. Simply put, with PL, your vocals will sound better, clearer, and with more power and natural tone in the system than ever before.

Should your application be a small club PA, a House of Worship praise band, a full-on festival-sized super system, or anywhere in between, there's a PL Series vocal mic that is perfect for your style and needs.





PL24

The mid-entry level PL24 delivers all-around vocal clarity in any live sound application. With its balanced blend of controlled lows, palatable mid range, and smooth high frequency content, the PL24 is ideal for any vocal style, while its supercardioid polar pattern provides superb isolation and feedback rejection. Part# PRD000157000

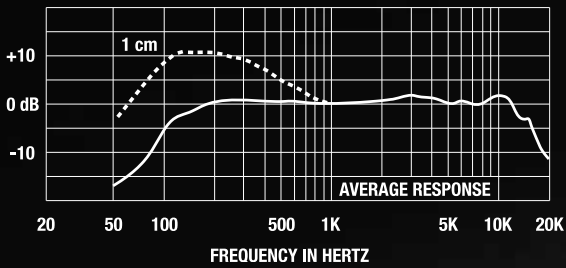
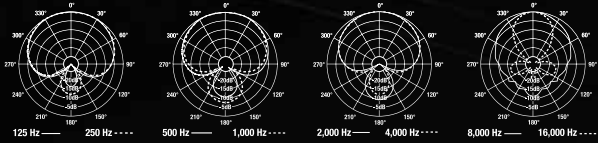
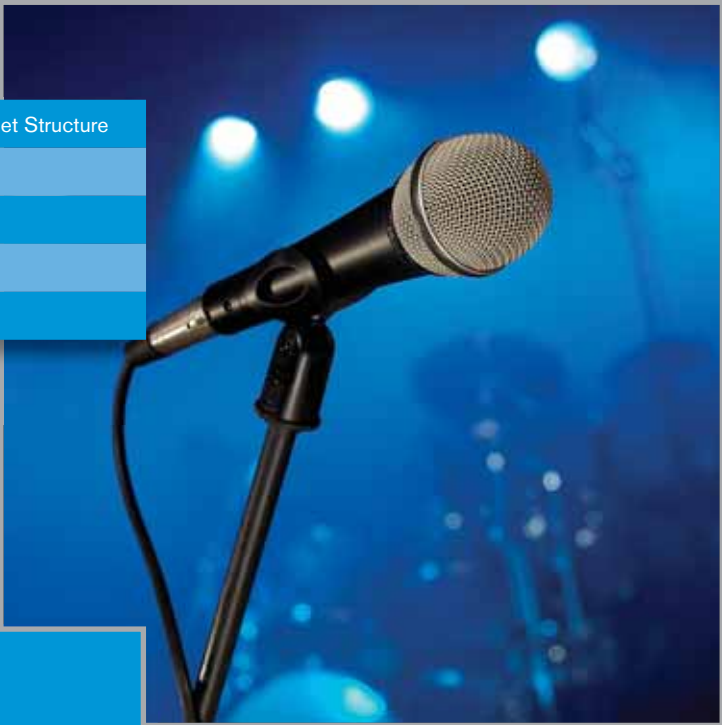
With the added benefit of a lockable on/off switch, the PL24S delivers the same sonic performance found in the PL24. Part# PRD000157001



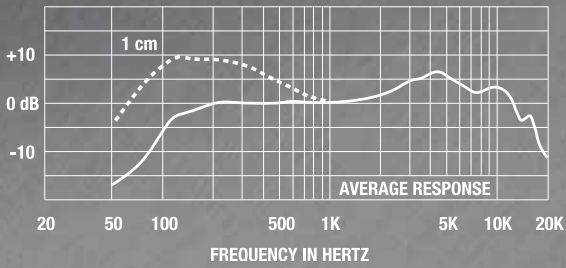
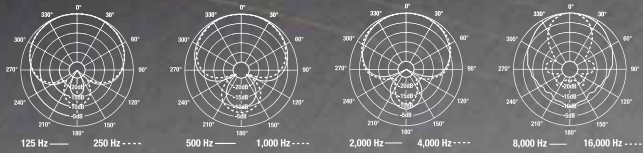
PL44

Providing superb vocal clarity for any sized stage, the PL44 is voice-contoured for transparency and high-mid lift, delivering plug-and-play placement of vocals in any mix. Ideal for vocal styles requiring punch and finesse, while providing almost condenser-like articulation and dynamic response, the PL44 challenges the performance characteristics of competitive models costing far more. Part# PRD000158000

Element Type:	Dynamic, Neodymium Magnet Structure
Frequency Response:	80 Hz - 16,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	2.2 mV/Pa (-53 dBV)
Rated Impedance:	600 ohms



Element Type:	Dynamic, Neodymium Magnet Structure
Frequency Response:	80 Hz - 18,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	2.2 mV/Pa (-53 dBV)
Rated Impedance:	600 ohms





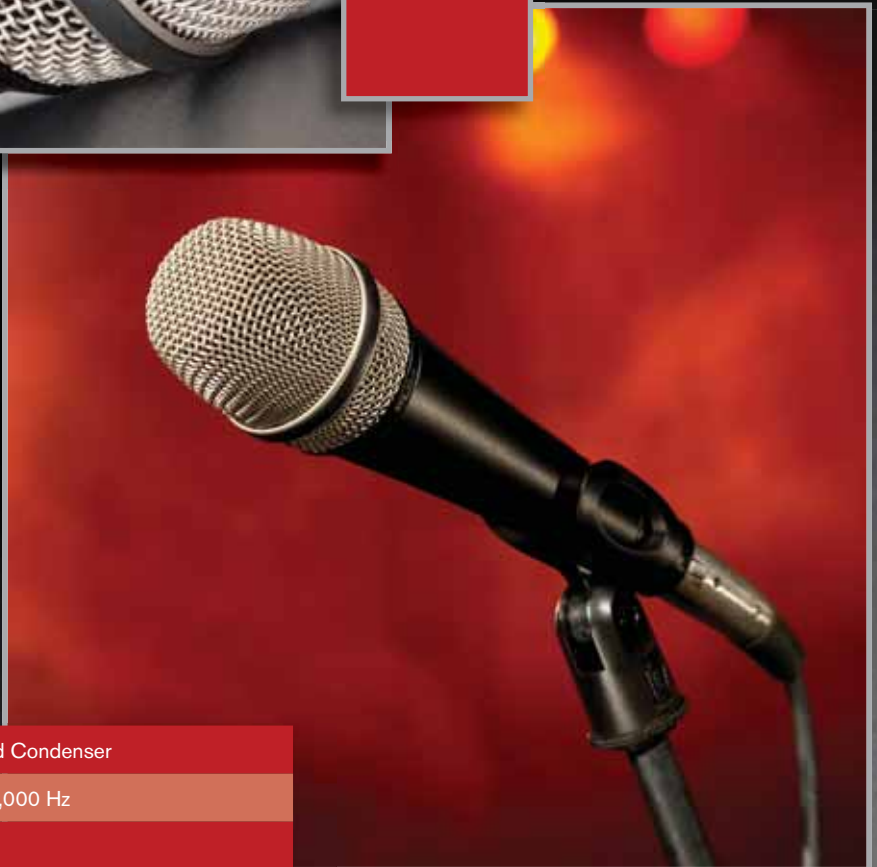
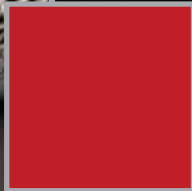
PL84

The vocalist's vocal microphone. There are singers—you know them—who sing a few songs and add harmonies when necessary, but are far more likely to brag about their guitar work than their voice. Then there are the true vocalists, the ones who've worked long and hard on their tone: breathiness, raspiness, throatiness... characteristics that make their voice unique and their own. They love their mic; they work it with style and distance, playing off it like a guitarist plays off a prized instrument.

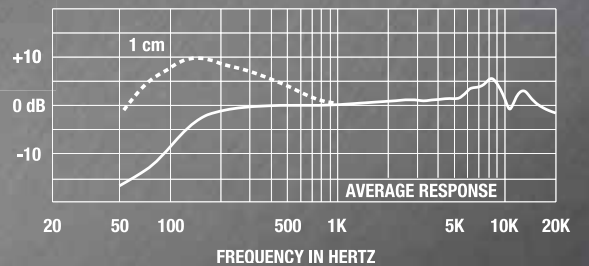
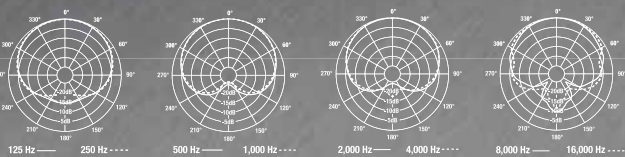
For the vocalist who is far more than just a singer, there is the PL84. Its meticulously designed cardioid condenser capsule is carefully voiced for intimate detail and presence, lifting even the softest whispers, yet truly capturing raw passion when a voice kicks into overdrive. The PL84 is designed as an extension of the voice, inspiring creative expression, delivering a high-performance blend of tight-yet-warm low-end, smooth and musical mid-range, and crisp-yet-silky high frequency content. Part# PRD000159000

When the convenience of an on/off switch meets the requirements of a vocalist who needs to mute and un-mute their mic from the performance position, there is the PL84S. Delivering the identical sonic characteristics of the PL84, the switched version PL84S features a virtually silent and lockable on/off switch unlike any other condenser vocal mic on the market.

Part# PRD000160000



Element Type:	Self-Biased Condenser
Frequency Response:	50 Hz - 20,000 Hz
Polar Pattern:	Cardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	3.5 mV/Pa (-49 dBV)
Rated Impedance:	200 ohms





PL80a

PL80c

Many vocal mics on the market do a fine job in small club and medium-sized venue sound reinforcement systems. However, these same models become less than ideal when challenged with the extremely high wattage and driver area of super-sized arena and festival mains and monitoring systems. It takes a premium-grade, highly specialized microphone with somewhat “turbo-charged” voicing characteristics to deliver the goods in these critical situations.

We crafted the unique capsule and circuit design of the new PL80 models to deliver incredible power, definition, and punch in the exact frequency areas where a large PA system's crossover points may tend to be soft. The result? Vocal presence in the mains and monitors so strong and clear you'll never want anything else on stage again. And yes, the very same attributes that make the PL80 perform so well on the largest stages through the largest sound systems translate into superior power and vocal presence for any sized rig.

PL80a

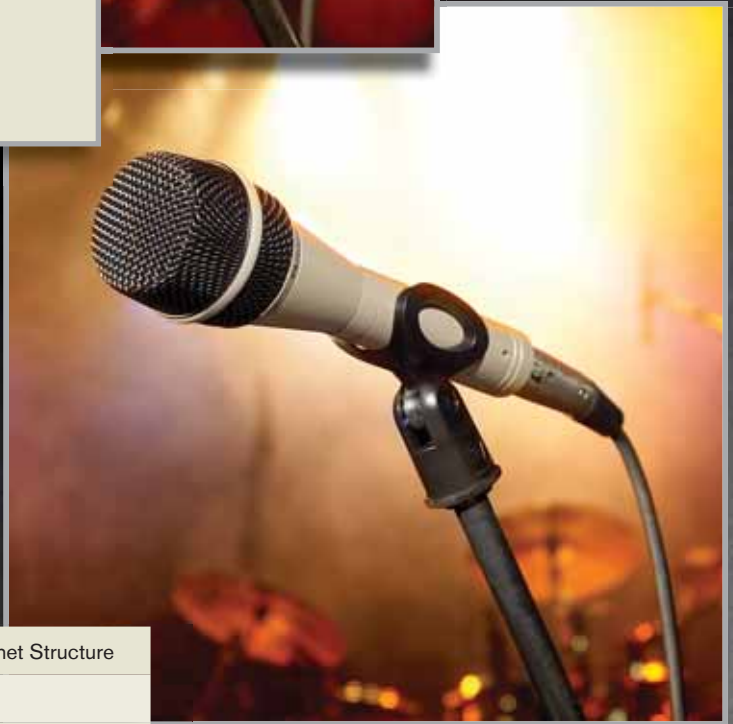
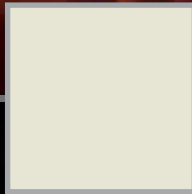
Delivering incredible power and clarity, the PL80a is robust, forgiving, and EQ-friendly, delivering up-front vocal placement in professional sound applications. Superior off-axis rejection, ultra-low handling noise, and exceptionally cooperative tonal characteristics make the PL80a the ideal choice for professionals demanding outstanding vocal performance. Part# PRD000162000

PL80c

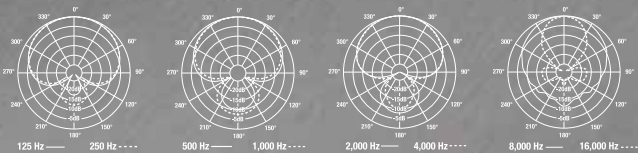
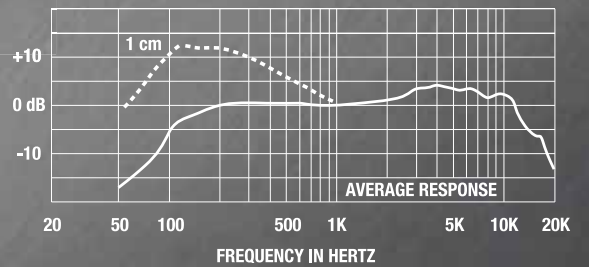
There was a time in the 1980's when the #1 live performance vocal mic in the world was the Electro-Voice PL80. Revered by the Professional Live sound industry as premium-grade and the best choice for live sound applications, it was designed and built to deliver the “sound of the 80's” as part of EV's Pro Line of microphones. With its unique and unmistakable snow gray finish, that iconic PL80 earned a remarkable reputation for superior performance and durability, and was trusted, used, and loved by thousands of vocalists and sound system professionals in its day.

The classic returns. Inspired by the legacy PL80 of the 1980s, the new PL80c is cosmetically reminiscent of the legendary PL80, invoking the unique visual appeal of that classic microphone while exhibiting the same contemporary sonic attributes of the new PL80a.

Part# PRD000162001



Element Type:	Dynamic, Neodymium Magnet Structure
Frequency Response:	80 Hz - 16,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	2.2 mV/Pa (-53 dBV)
Rated Impedance:	600 ohms





Specialized microphones for the high SPL and transient environment of drums and percussion require a unique set of capabilities, and designing and deploying world-class drum mics is by no means a small undertaking. Identifying and creating the ideal sonic signature of each model requires extensive research and development drawn from a vast array of contributors. Theoretical propositions hypothesized in a laboratory vacuum would be of little use without testing each and every possibility in a variety of real-world live sound environments. Stretching way outside of the laboratory box, we redefined our R&D team to include key stakeholders from all application standpoints, ensuring a unique set of features consistent with world-class drum mics would be the result.

The new PL Series of drum mics was conceived and designed by EV's world-class R&D team, consisting of **microphone design engineers** who know exactly what goes into a world-class drum mic, **front-of-house sound engineers** who know exactly how the ideal drum mic should perform, and **professional performing drummers** who know exactly when their kit is totally rockin' the house.

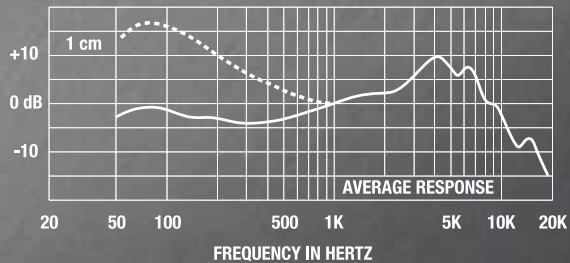
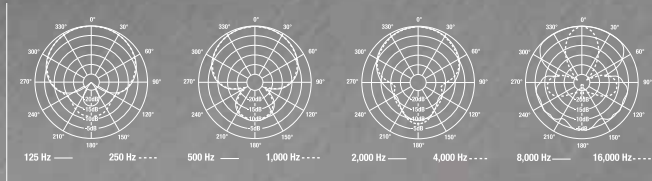
The result? A unique lineup of world-class drum mics and kits that redefine sonic performance, durability, and value. Your drums will sound better, with more power and natural tones in the system than you've ever heard before. Although denoted PL for Professional Live, PL Series drum mics are designed to deliver excellent results in recording studio applications as well.

PL33

Designed for kick drum, low toms and low frequency instruments, the PL33 delivers all the tight punch, transient snap, and natural acoustic properties necessary for today's demanding sound requirements. With enhanced isolation via a tight supercardioid polar pattern, coupled with application-oriented frequency response voicing, the PL33 excels in performance and value. Although the PL line is designed for professional live sound applications, the PL33 (along with all PL drum mics) is equally capable of handling the sonic requirements of recording studio applications. Part# PRD000163000



Element Type:	Dynamic, Neodymium Magnet Structure
Frequency Response:	20 Hz - 10,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	0.50 mV/Pa (-66 dBV)
Rated Impedance:	150 ohms





PL35

Putting a completely new angle on mic'ing toms and snares, the PL35 establishes a new price-to-performance standard for dynamic drum set microphones. Designed for super-fast transient response, superior isolation, and sonically voiced to deliver open and natural tom and snare sounds, the PL35 deploys a unique physical design that eliminates the need for right-angle XLR connectors, minimizing cable clutter over the drum. Additionally, the PL35 includes a clever snap-on drum rim clamp (DRC-1) that mounts the mic directly to just about any brand drum rim.

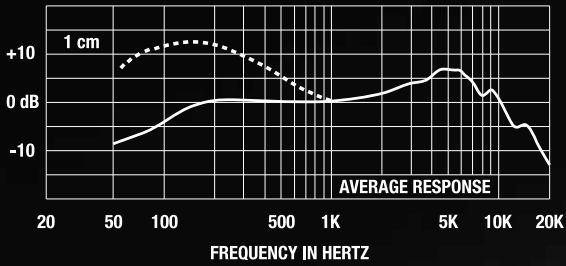
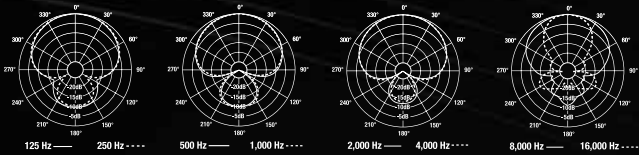
With its unique design, drum rim clamp, integrated swivel, and supercardioid polar pattern for isolation, the PL35 takes its place as a must-have microphone for outstanding live sound and recording studio performance. Part# PRD000164000



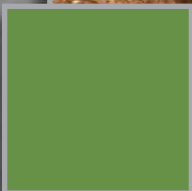
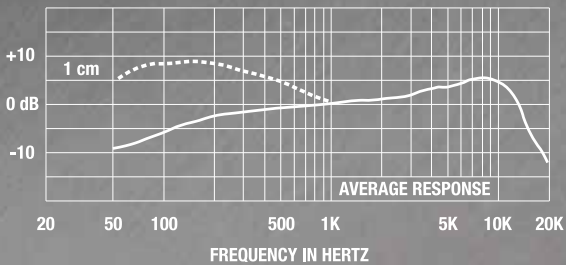
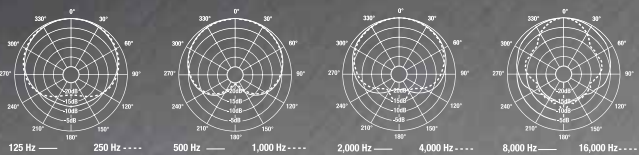
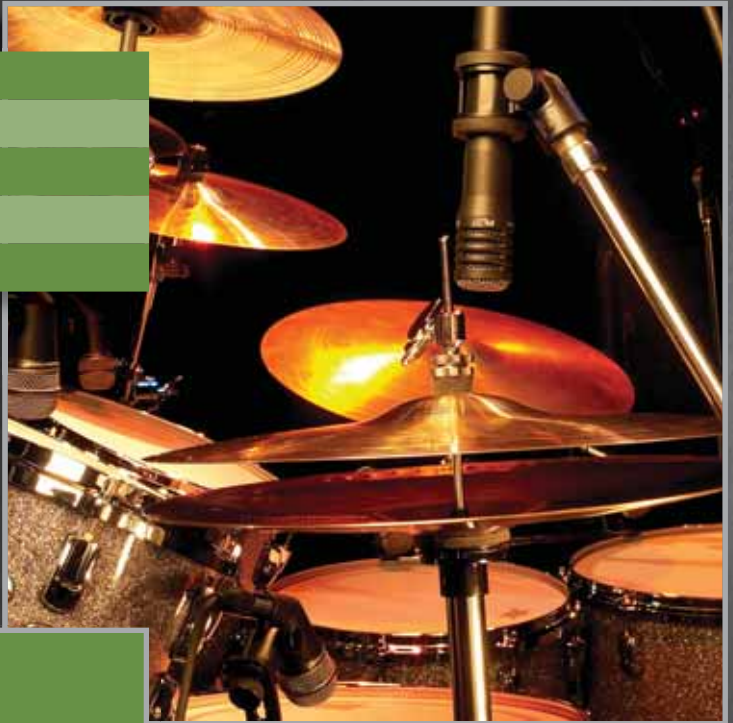
PL37


The PL37 small-diaphragm condenser overhead, hi-hat, and instrument microphone crisply captures all the detail and nuance of a percussive performance. Not to be pigeonholed as "for percussion only", it also excels in other instrument mic'ing situations where a small-diaphragm condenser would be appropriate. With a tight cardioid polar pattern that minimizes off-axis bleed, magnificent transient response, and high-SPL input capacity, the PL37 surpasses the sonic performance characteristics of competitive models costing up to twice as much. Equally suited for live or studio miking situations, the PL37 is a true workhorse microphone. Part# PRD000165000

Element Type:	Dynamic, Neodymium Magnet Structure
Frequency Response:	50 Hz - 16,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	2.2 mV/Pa (-53 dBV)
Rated Impedance:	600 ohms



Element Type:	Self-Biased Condenser
Frequency Response:	50 Hz - 16,000 Hz
Polar Pattern:	Cardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	7.0 mV/Pa (-43 dBV)
Rated Impedance:	200 ohms





PL Series drum mic pre-packs

PL Series drum mic pre-packs are ready-for-the-gig microphone solutions designed with value, convenience, and style in mind. The rugged, light-weight PL DKC carrying case protects its contents with a firm exterior shell made of 600 - denier nylon, along with heavy-duty zippers and shoulder strap. Inside the front compartment is a tricot-covered dense foam stationary insert with precision cutouts for ten PL Series drum mics, capable of holding 1x PL33, 6x PL35's, and 3x PL37's. The rear zippered compartment also provides plenty of storage space for sticks and printed material. And, just so everyone knows you're serious about your gear, the cool EV logo is stitched directly into the front surface in rugged embroidery.



PL DK4 Part # PRD000182000

Drum mic pre-pack for a four-piece drum kit.

1x PL33 kick drum mic

3x PL35 tom/snare mics

▪ pre-packed inside the PL DKC carrying case

PL DK4 PLUS Part # PRD000191000

Drum mic pre-pack for a four-piece drum kit.

1x PL33 kick drum mic

3x PL35 tom/snare mics

1x PL37 overhead/hi-hat mic

▪ pre-packed inside the PL DKC carrying case

PL DK5 Part # PRD000183000

Drum mic pre-pack for a five-piece drum kit.

1x PL33 kick drum mic

4x PL35 tom/snare mics

▪ pre-packed inside the PL DKC carrying case

PL DK7 (shown) Part # PRD000184000

Drum mic pre-pack for a five-piece drum kit.

1x PL33 kick drum mic

4x PL35 tom/snare mics

2x PL37 overhead/hi-hat mics

▪ pre-packed inside the PL DKC carrying case



PL Series Accessories

Model	Part #	Description
DRC-1	ACC000044000	Drum rim clamp for PL35. Conveniently mounts the PL35 to practically any brand steel drum rim.
SAPL-1	ACC000045000	Microphone stand adaptor for all PL Series vocal microphones
SAPL-2	ACC000046000	Microphone stand adaptor for PL 33. (also fits E-V models RE20, RE27 N/D and N/D868)
SAPL-3	ACC000047000	Microphone stand adaptor for PL37 Rubber insulated to minimize mechanical vibrations transferred to microphone element.
WSPL-1	ACC000048001	Foam windscreen (black) for PL 24, 24S, 44, 80a, 80c, 84 and 84S
WSPL-2	ACC000049001	Windscreen for PL33 (black) (also fits RE20 and RE27)
WSPL-3	ACC000050001	Foam windscreen (black) for PL35
WSPL-4	ACC000051001	Foam windscreen (black) for PL37 (also fits RE200)

	PL24/24S	PL44	PL80a	PL80c	PL84/84S	PL33	PL35	PL37
Element Type:	Dynamic, Neodymium Magnet Structure	Dynamic, Neodymium Magnet Structure	Dynamic, Neodymium Magnet Structure	Dynamic, Neodymium Magnet Structure	Self-Biased Condenser	Dynamic, Neodymium Magnet Structure	Dynamic, Neodymium Magnet Structure	Self-Biased Condenser
Freq Response:	80Hz - 16,000Hz	80Hz - 18,000Hz	80Hz - 16,000Hz	80Hz - 16,000Hz	50Hz - 20,000Hz	20 Hz - 10,000Hz	50Hz - 16,000Hz	50Hz - 16,000Hz
Polar Pattern:	Supercardioid	Supercardioid	Supercardioid	Supercardioid	Cardioid	Supercardioid	Supercardioid	Cardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	2.2 mV/Pa (-53 dBV)				3.5mV/Pa (-49dBV)	0.50mV (-66dBV)	2.2 mV/Pa (-53 dBV)	7.0mV (-43dBV)
Polarity:	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3							
Rated Impedance:	600 ohms	600 ohms	600 ohms	600 ohms	200 ohms	150 ohms	600 ohms	200 ohms
Connector:	3-pin, XLR-type	3-pin, XLR-type	3-pin, XLR-type	3-pin, XLR-type	3-pin, XLR-type	3-pin, XLR-type	3-pin, XLR-type	3-pin, XLR-type
Finish:	Textured satin; black	Textured satin; black	Textured satin; black	Textured satin, "PL Classic" beige	Textured satin; black	Textured satin; black	Textured satin; black	Textured satin; black
Dimensions:	(L) 7.20" (183 mm) (W) 2.10" (53 mm) Shank = 0.95" (23.5 mm)	(L) 7.25" (184 mm) (W) 2.0" (50.5 mm) Shank = 0.93" (23.5 mm)	(L) 7.48" (190 mm) (W) 2.0" (51 mm) Shank = 1.01" (26 mm)	(L) 7.48" (190 mm) (W) 2.0" (51 mm) Shank = 1.01" (26 mm)	(L) 7.2" (182 mm) (W) 1.9" (49 mm) Shank = 0.94" (24 mm)	(L) 5.6" (142 mm) (W) 2.32" (59 mm) Shank = 1.0" (25.5 mm)	(L) 4.3" (109 mm) (W) 1.69" (43 mm) Height = 3.0" (76 mm)	(L) 6.5" (165 mm) (W) 1.14" (29 mm) Shank = 0.85 " (21.6 mm)
Accessories Included:	Stand adapter with Euro-thread adapter, Soft zippered gig bag	Stand adapter with Euro-thread adapter, Soft zippered gig bag	Stand adapter with Euro-thread adapter, Soft zippered gig bag	Stand adapter with Euro-thread adapter, Soft zippered gig bag	Stand adapter with Euro-thread adapter, Soft zippered gig bag	Locking stand adapter with Euro-thread adapter, Soft zippered gig bag	Locking stand adapter with Euro-thread adapter, Drum rim clamp DRC-1, Soft zippered gig bag	Locking stand adapter with Euro-thread adapter, Soft zippered gig bag
Net Weight:	10.4 oz (294 g)	10 oz (282 g)	11.8oz (333g)	11.8oz (333g)	9.3oz (261g)	12.9 oz (364 g)	8.3 oz (236 g)	6.3 oz (176 g)
Shipping Weight:	19.3 oz (547 g)	18.9 oz (536 g)	20.7 oz (587 g)	20.7 oz (587 g)	18.2 oz (516 g)	23.7 oz (672 g)	18.6 oz (527 g)	17.1 oz (485 g)
Max SPL (1% THD @ 1 kHz):	—	—	—	—	141 dB SPL	—	—	132 dB SPL
Self Noise:	—	—	—	—	26dB SPL, A-weighted	—	—	25 dB SPL, A-weighted
Dynamic Range:	—	—	—	—	115dB	—	—	107 dB
Signal-to-Noise Ratio:	—	—	—	—	68dB (@ 94dB SPL)	—	—	69 dB (@ 94 dB SPL)
Power Requirements:	None	None	None	None	Phantom: 11 to 52 VDC, 1.9mA	None	None	Phantom: 11 to 52 VDC, 4 mA

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