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品牌	BOYA
长丰型号	BY-PVM3000

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BY-PVM3000S
BY-PVM3000M
BY-PVM3000L

Supercardioid shotgun microphone

Instruction Manual

General Description:

Boya BY-PVM3000 is a professional shotgun microphone kit, which consists of pieces interchangeable microphone capsules. With BY-PVM3000S (small), BY-PVM3000M (medium) and BY-PVM3000L (large) microphone capsules all included, it allows BY-PVM3000 widely applied in various occasions, for instance film-making, broadcasting, media production, sports commentary etc.

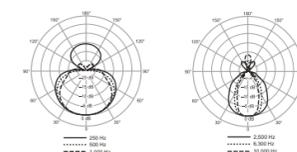
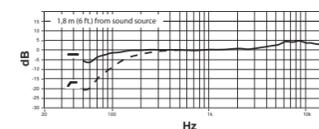
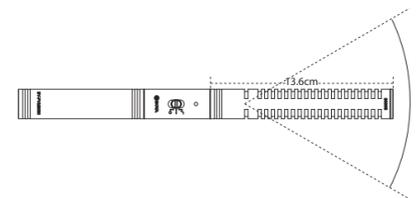
With its supercardioid polar pattern, BY-PVM3000 could effectively reject any unwanted background noise from side and rear. The longer microphone capsule is applied, the narrower pick up angle it offers, precisely pick up sound from the recording subject.

BY-PVM3000 features with built-in low cut filter switch on the preamplifier, if there are low frequency noises from air conditioner or traffic while recording, please switch to " f " the low-cut mode to eliminate these noises.

BY-PVM3000 features with an 3-pin XLR plug, if it needs to be applied on any DSLRs with a 3.5mm microphone socket, an XLR female to TRS audio cable is required. Or if it needs to be applied on any camcorders with XLR socket, an XLR female to male balanced audio cable is required, same audio cables are required if it needs to used on a professional recorders or other audio interfaces.

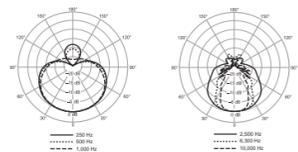
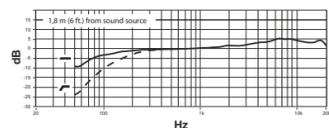
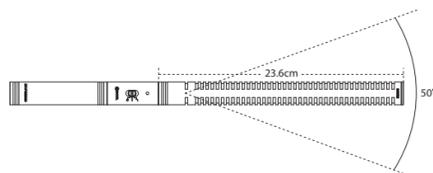
BY-PVM3000S

Compared with BY-PVM3000M,L, the BY-PVM3000S has the widest pick up angle, about 70 degree, with the loudest volume of sound recordings, the most ambient sound, very widely applied when the sound source is very close to the microphone.



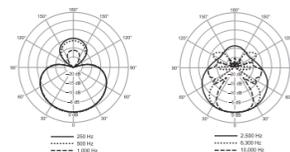
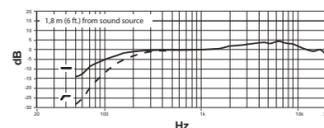
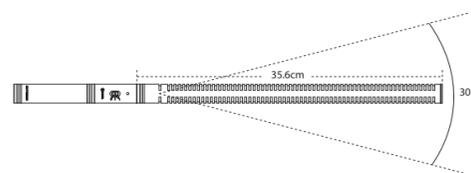
BY-PVM3000M

Compared with BY-PVM3000S, L, the BY-PVM3000M has a pick up angle about 50 degree, compared with BY-PVM3000S and BY-PVM3000L, BY-PVM3000M offer the medium volume of sound recordings, less ambient sound than BY-PVM3000S, but more ambient sound than BY-PVM3000L, ideal for street interview, talk show and stage live recording etc.



BY-PVM3000L

BY-PVM3000L has the longest mic capsule with the narrowest pick up angle of 30 degree, which allow BY-PVM3000L precisely focus on the sound source and get the clearest recording, ideal for long distance recording, for instance, ENG, sports commentary & film-making etc.



Features:

- Integrated preamplifier
- Supercardioid polar pattern
- Wide/medium/narrow pick-up angle all available
- 2-step low-cut filter
- Low self-noise circuitry
- Lightweight aluminum construction
- Ideal for video recording, interview, sports commentary, TV broadcasting and filmmaking

Specifications:

Transducer:	Electret condenser
Polar pattern:	Supercardioid
Frequency response:	40-20000HZ(BY-PVM3000S) 50-20000HZ(BY-PVM3000M) 60-20000HZ(BY-PVM3000L)
Signal to noise ratio:	80dB
Power requirements:	24 / 48V DC phantom power or 1.5V AA battery
Sensitivity:	-32dB
Output impedance:	50Ω
Plug:	3-Pin XLR
Filter:	2-step low-cut filter
Low frequency filter switch:	150Hz
Net weight:	163g(BY-PVM3000S) 198g(BY-PVM3000M) 242g(BY-PVM3000L)

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