

BY-PVM3000S
BY-PVM3000M
BY-PVM3000L


Supercardioid shotgun microphone
超心型枪式麦克风系统

Instruction Manual
说明书

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.

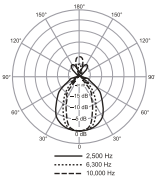
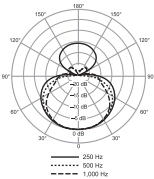
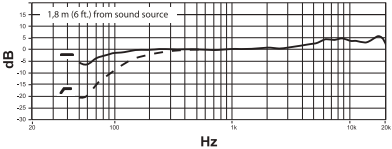
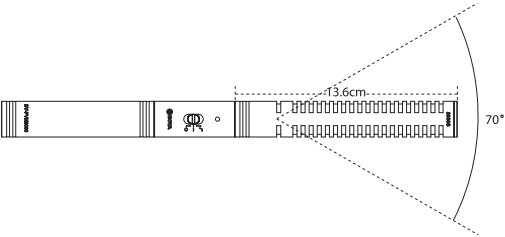
With its supercardioid polar pattern, BY-PVM3000 could effectively reject any unwanted background noise from side and rear. The longer microphone capsule is applied, the narrower pick up angle it offers, precisely pick up sound from the recording subject.

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 "  " 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 be used on a professional recorders or other audio interfaces.

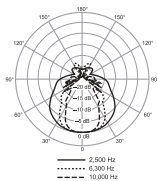
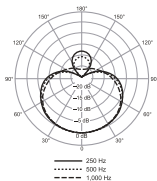
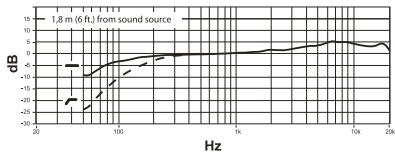
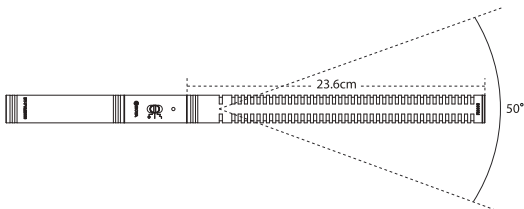
BY-PVM3000S

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.



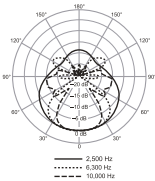
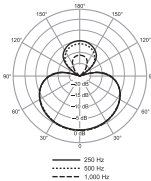
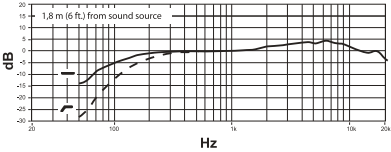
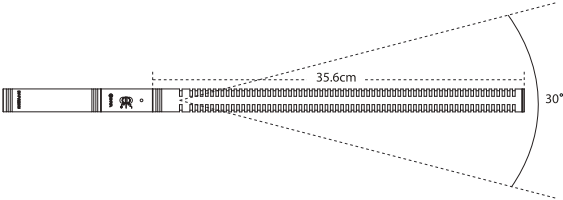
BY-PVM3000M

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)

感谢您选择BOYA!

博雅BY-PVM3000是专业枪式麦克风套装，三款枪麦可交替使用。套装里包括BY-PVM3000S (普通型)、BY-PVM3000M(中长型)、BY-PVM3000 (超长型)，BY-PVM3000系统可在各种录音场景下使用，例如电影制作、广播、新媒体、体育赛事评论等。

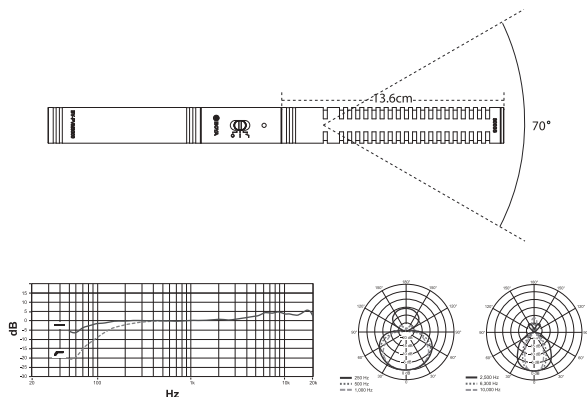
BY-PVM3000系统的枪麦，拾音模式皆为超心型，能有效隔绝两侧及后方的背景音。使用的枪体越长，其拾音角度就会越窄，更有效拾取音源主题。

其次，BY-PVM3000具有低切过滤功能。如果录音过程中，存在低频噪音，如空调或者交通嘈杂声等，可以将开关打至低频键，达到消除噪音的效果。

BY-PVM3000自带卡侬三芯接口，如果您用在有3.5mm耳机孔的单反上，您需要搭配一条卡侬母接口转3.5mm TRS母转接线方可使用。枪麦也可用在带卡侬接口的录像机、同类专业录音机、或其他设备上，您需要搭配一条卡侬母转公平衡线方可使用。

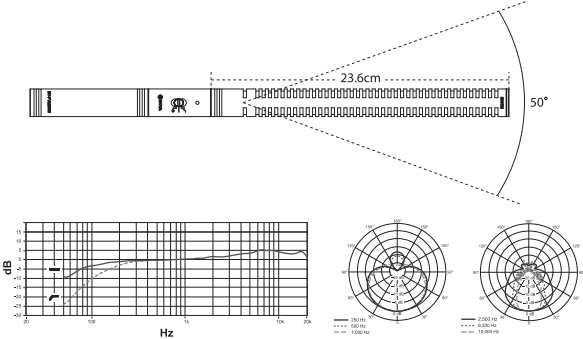
BY-PVM3000S

BY-PVM3000S在BY-PVM3000系列中，BY-PVM3000S有着最宽的拾音角度约为70°，能最大程度地收录声音，同时环境音收录也会比较多，使用场景大多是音源离麦克风非常接近的情况。



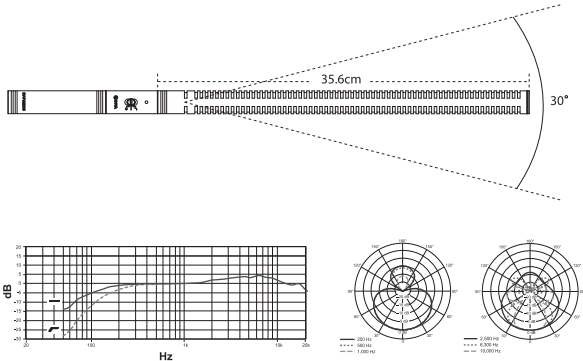
BY-PVM3000M

与BY-PVM3000S,L相比，BY-PVM3000M的拾音角度为50°，录音范较为适中围，收录的环境音要比BY-PVM3000S少，适用于街头访问、脱口秀、舞台表演等。



BY-PVM3000L

BY-PVM3000L是PVM3000系列中最长的枪麦，其拾音角度为30°，能精准地拾取音源主题，获取清晰音质效果。适用于长距离录音场景，例如电子新闻采集、体育赛事评论、电影制作等。



特征

- 内置扩音器
- 超心型拾音模式
- 宽/适中/窄拾音范围可选择
- 两档低切档位
- 轻便铝材质
- 适用于录制视频、采访、体育评论、电视广播以及电影制作

参数

传感器：	驻极体电容式
拾音范围：	超心型
频率响应：	40–20000Hz (BY–PVM3000S)
	50–20000Hz (BY–PVM3000M)
	60–20000Hz (BY–PVM3000M)
信噪比：	80dB
电源：	由24/48V幻象电源供电
	或1.5V (AA)五号电池
灵敏度：	–32dB
输出阻抗：	50Ω
插头：	卡侬三芯接口
低切：	两档低切档位
低切键：	150Hz
净重量：	163g (BY–PVM3000S)
	198g (BY–PVM3000M)
	242g (BY–PVM3000L)

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