

Wildtronics Pro Universal Parabolic Kit Microphone Selection

The Wildtronics Universal Parabolic kit allows you to mount many different XLR microphones. Omnidirectional microphones are recommended and not cardioid microphones. Only an omnidirectional microphone will have a wide enough polar response angle at all frequencies to capture the entire dish sound reflection. Cardioid microphones can be used temporarily, but will result in less gain. Cardioid microphones, since they have more space between the element and the end of the microphone, may also not be able to use the supplied windscreen. The list of recommended XLR microphones is below. Those highlighted in yellow are most recommended due to their low noise and small size. The MKH8020 is ideal since it is short. In general, microphones must have the following dimensions to work with the Wildtronics Universal Parabolic kit: A diameter of 18-26mm, and a length of 50-188mm (best under 155mm). The table also lists the approximate cost, noise level, and whether the Wildtronics Secondary Windscreen will fit. We listed some of the more commonly used microphones, which are lower in noise floor. Other microphones will work, but may have higher noise. The noise floor of a microphone will determine the maximum range of a parabolic system. The lower the noise floor the better.

If you don't already have a microphone, we highly recommend purchasing our Pro Mono Parabolic Microphone; it includes a very good, low noise (10dBA) microphone that is integrated into the mount, is matched to the system to give the best gain, and costs less than buying any quality microphone.

Recommended microphones for Wildtronics Universal Parabolic				
Model	Cost	Self Noise	2nd'ary	Adapter
Sennheiser				
Me62- K6P	\$450	15dBA	Yes	none
MKH20	\$1200	10dBA	Yes	none
MKH8020	\$1200	10dBA	Yes	Thick
Audio Technica				
At3032	\$300	16dBA	Yes	Thin
At4022	\$350	13dBA	Yes	Thin
At4049	\$600	16dBA	Yes	Thin
DPA				
2006A	\$919	16dBA	No	Thick
2006C	\$800	16dBA	Yes	Thick
Neumann				
Km130	\$1350	16dBA	Yes	Thin
Km131	\$1600	16dBA	Yes	Thin
Km183	\$900	16dBA	Yes	Thin
AKG				
CK61-ULS	\$1100	11dBA	No	Thin

