

Mono Stereo

*or Anything
in Between*

SMX-30V

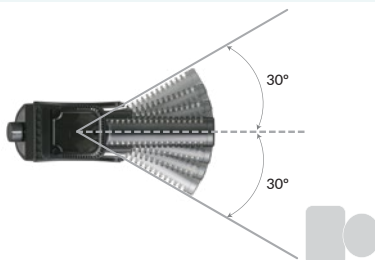
AZDEN®

Stereo/Mono **MIXABLE** Video Microphone

With the SMX-30V, Azden takes their innovation of a switchable stereo/mono microphone to another level by incorporating a mixing dial. The first video microphone of its kind, the SMX-30V lets the user choose from using 100% of the stereo microphone, 100% of the mono-shotgun microphone, or any mix in between. Recording a dialogue scene but want to incorporate some of the environment's ambience? Mix in a little of the stereo microphone. Recording a musical performance but want to tighten up the center stereo image? Mix in some audio from the mono-shotgun microphone. The possibilities are endless!

A Dual Microphone With Complete Control

The SMX-30V is like having a stereo microphone, a shotgun microphone and an audio mixer all combined into one unit. To achieve this, there are three microphone elements in total: two located at the top, angled at 90° for capturing a realistic stereo image, and one inside a 4.5-inch long interference tube for directional audio capture. Combined with a stepless mixing knob, you have complete control over how much signal from each microphone to send to your camera



Swiveling Shock-Mount

Another unique feature on the SMX-30V is the swiveling shock-mount, which enables rotation of the microphone 30° to the left or right. This is a handy feature any time your sound source is not centered in-frame, allowing you to aim the microphone at your subject, thereby getting the most direct sound possible. Made from a virtually unbreakable composite material, the shock mount effectively isolates the microphone from the vibrations created by handling a camera. The bottom of the mount allows for attachment to a standard camera cold-shoe slot, or via a 1/4"-20 threaded stud for boompole and accessory bar mounting.

Detachable Cable

Audio output via a 3.5 mm mini-jack provides flexibility to connect various third party audio cables. A high-quality, coiled microphone output cable is included with the microphone.

Improved Battery Life

Battery life in the SMX-30V has been improved over the previous model to last up to 100 hours on a pair of alkaline AA batteries.

Auto Power

Setting to AUTO will turn the microphone on and off with your camera automatically, saving you from losing a great take and conserving battery.

Gain Control

The 3 step gain control has +20 dB, 0 and -10 dB settings. Adding 20 dB of gain to the microphone output is a great way to overcome noisy mic preamps, or to simply boost quiet audio. Reducing the gain by 10 dB is most useful to protect against distortion in loud environments.

Low-Cut Filter

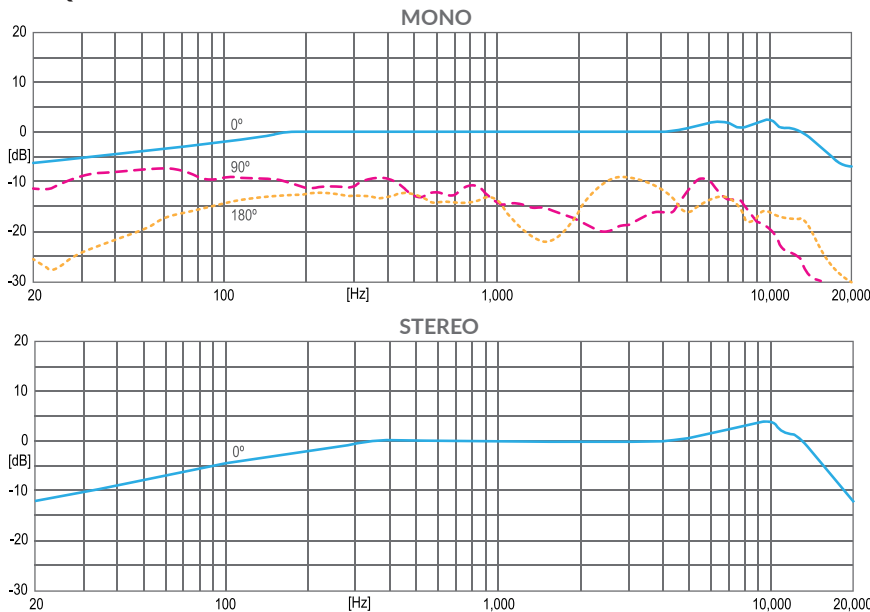
When engaged, the Low-Cut Filter (or High-Pass Filter) reduces low-frequencies which can be helpful in mitigating low-frequency noise from sources such as HVAC systems, wind or passing cars.



Features

- Mix audio together from the stereo and mono-shotgun microphones
- Or set the mixing dial to 100% stereo or 100% mono
- Stepless variable mixing potentiometer
- Swivel mount adjusts aim of microphone up to 30° to the left or right
- +20 dB gain booster alleviates noise produced by low-quality camera preamps
- -10 dB pad for loud sound environments
- Auto power mode turns microphone on/off with camera
- Low-cut filter selectable at 60 Hz, 3 dB/octave
- Detachable audio output cable
- Integrated shock-absorbing shoe-mount with 1/4"-20 thread
- 10 year warranty with registration

FREQUENCY RESPONSE



Specifications

Polar Pattern:	Mono: Super-Cardioid Stereo: Cardioid (90°)
Freq Resp:	40 Hz - 20k Hz
Sensitivity:	-38 dB @ 1kHz
Dyn Range:	118 dB
S/N Ratio:	82 dB, 1k Hz@1Pa
Max Input Level:	126 dB SPL (1kHz@ 1% T.H.D.)
Max Output Level:	+10.2 dBu
Output Imp:	75 Ω
Power Req:	AA batteries x2
Output Conn:	3.5 mm Stereo mini-jack
Power Switch:	Off, Battery, Auto
Gain Control:	-10 dB, 0 dB, +20 dB
Low-Cut Filter:	60 Hz, 3 dB/octave
Dims:	47 mm x 111 mm x 154 mm
Weight:	160 g
Accessories:	Windscreen, Carrying Pouch, Stereo 3.5 mm Audio Cable

POLAR PATTERNS

