

SMX-20

ELECTRET CONDENSER STEREO MICROPHONE

Operating Manual



Thank you for purchasing the Azden SMX-20 Electret Condenser Stereo Microphone. Before using the product, please read this operating manual thoroughly. Keep this manual along with the warranty card for future reference.

WARNING

- Do not use other batteries than the one specified in this manual.
- When installing battery, make sure battery polarity is correct as marked inside the battery compartment.
- Remove the battery if the product is not used for a long period of time.

BATTERY

The SMX-20 is powered by 1 “LR44” button battery (not included). Unscrew the lower half of the barrel case by turning it counterclockwise. Remove the battery holder from the battery compartment and install 1 fresh “LR44” Alkaline battery into the holder, making sure to check polarity, put back the holder to its place, and close the case by turning it clockwise. **DO NOT OVERTIGHTEN** or you may strip the threads.

POWER SWITCH

The SMX-20 has a 2-position power switch near the output jack.

OFF: Switch the microphone to OFF when not in use to conserve battery life. Set the switch to the OFF position when using phantom power source.

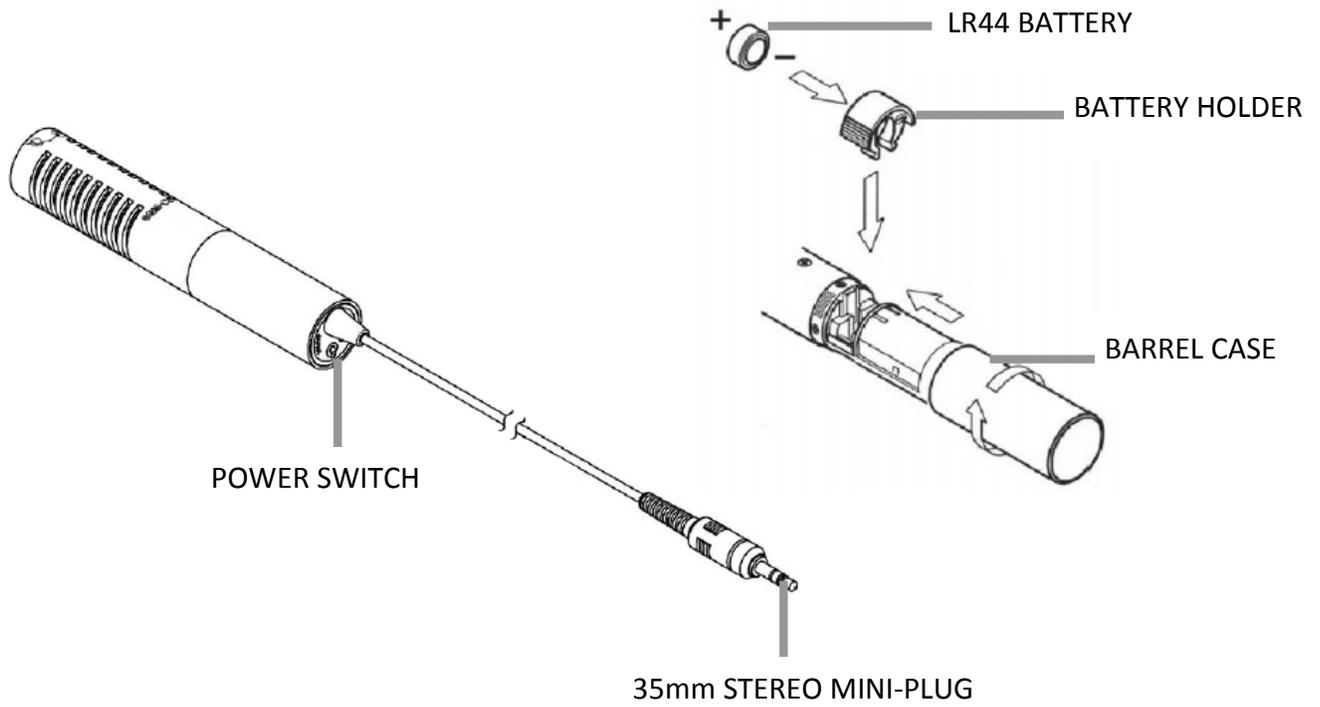
ON: Switch the microphone to ON for operation by battery power.

SHOCK-MOUNT HOLDER

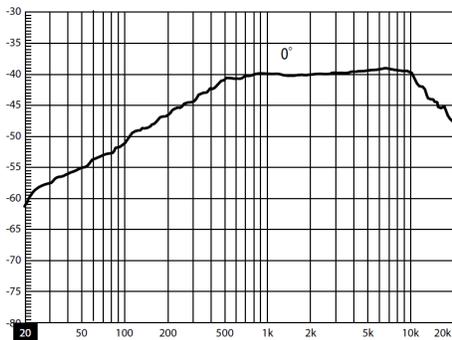
The SMX-20 is supplied with a shock-mount holder. Snap the rear portion of the microphone into the holder. To secure the holder to a camera shoe, slide the holder into the camera shoe and tighten the thumbwheel by turning it clockwise.

3.5mm STEREO OUTPUT MINI-PLUG

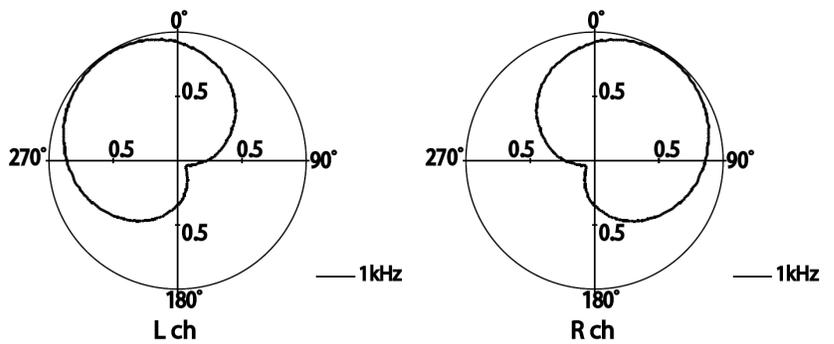
Insert the plug into the camera’s “STEREO EXT. MIC” jack.



FREQUENCY RESPONSE



POLAR PATTERN



SPECIFICATIONS

Type:	Electret condenser stereo microphone
Frequency Response:	100—20kHz
Sensitivity:	Uni-directional; -40dB at 1kHz (1V/Pa)
Impedance:	1.5kΩ at 1kHz
Maximum SPL Input Level:	100dB SPL (1kHz at 1% T.H.D.)
Signal to Noise Ratio:	60dB (1kHz at 1Pa)
Battery Type:	LR44 Alkaline battery
Battery Life:	Approx. 150 hours
Weight with Battery:	60g/2.12oz
Dimensions:	21mm diameter/121mm length 0.827" diameter/4 3/4" length
Output Type:	3.5mm mini-jack
Supplied Accessories:	Shock-mount microphone holder Windscreen Output cable

** Due to constant improvements, specifications are subject to change without notice.*



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