

Forevala S20

On-Camera Microphone

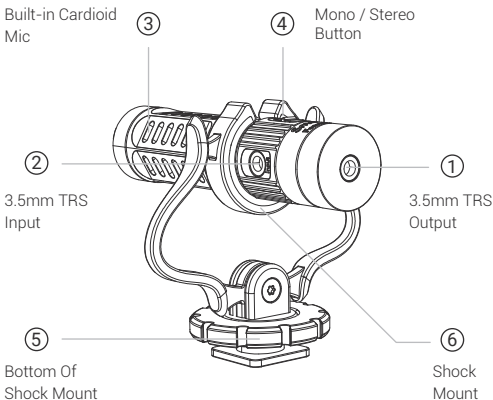
User Manual



Thank you for choosing SmallRig Forevala S20 on-camera microphone!

Equipped with a built-in cardioid microphone and designed with stereo recording mode, SmallRig Forevala S20 on-camera microphone was distinguished in recording extremely vivid presence sound! The feast of sound is right beyond. Hopefully you will be able to use this efficient tool to record beautiful sounds and save time!

Quick overview of your S20!



3.5mm TRS output: Connect the recording device like a DSLR camera to S20 with the TRS camera cable via this jack. Or connect the smartphone to S20 with TRRS phone cable via this jack. For iPhone 7 or version above, it required the extra lightning to 3.5mm headphone jack adapter (not included).

3.5mm TRS input: Connect the extra microphone like the customized lavalier microphone enclosed with the S20 via this port for stereo sound recording purpose.

Built-in cardioid mic: Distinct in noise, echo reduction, the cardioid condenser microphone is super in capturing the best sound details.

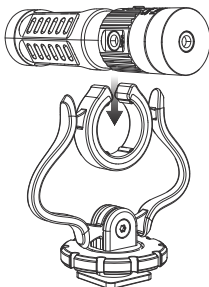
Mono/ stereo button: Toggle the "M" / "S" button to switch to the "Mono" / "Stereo" mode.

Bottom of shock mount: With a locking knob, you can fix or quickly disassemble the shock mount. The shock mount is adaptable to the cold shoe mount or the tripod with a 1/4" screw thread.

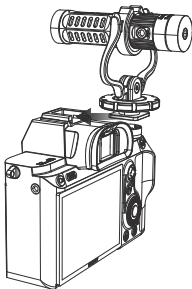
Shock mount: Besides firmly loading S20, the shock mount can also reduce vibrations and filter noise.

Instructions

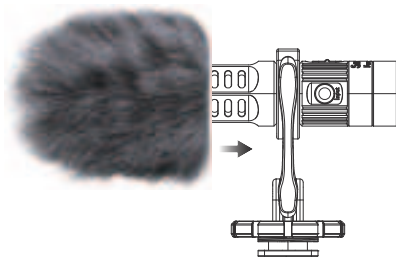
1. Fix the S20 on-camera microphone onto the shock mount.



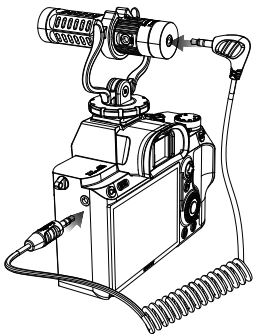
2. Fix the shock mount onto the cold shoe mount on a DSLR camera or a camcorder, or the 1/4" screw thread of a tripod.



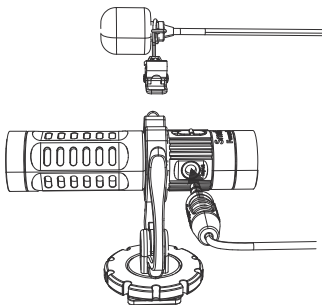
3. Putting a furry windscreen or a foam windscreen onto S20 can effectively eliminate wind noise based on recording scene needs.



4. Connect the 3.5mm output jack of S20 with the 3.5mm input jack of DSLR camera via the 3.5mm TRS cable.



5. For the professional stereo effects, please connect a extra microphone like the customized lavalier microphone to the S20 and toggling the mode switch button to "S" mode. In this manner, you can obtain a stereo sound which is more suitable for interview purpose.



Operation tips

A. When using a DSLR camera or a camcorder for recording, please link the S20 and the DSLR camera with the 3.5mm TRS cable. If it was going to install on the cold shoe adapter of a DSLR camera or a camcorder, please tighten the locking knob until the bottom of the shock mount was completely fixed to the devices.

B. When you're using a cell phone or tablet with 3.5mm input jack for recording, please connect it with a 3.5mm audio cable labelled as "for phone".

C. If your mobile phone does not have a 3.5mm microphone input jack, please use the 3.5mm converter cable provided by the corresponding mobile phone manufacturer. Connect the 3.5mm dongle cable with the "for phone" tagged cable first, and then connect the 3.5mm dongle to your mobile phone.

In the Box

On-camera Microphone	× 1
Lavalier Microphone	× 1
Patented Suspension Mount	× 1
Foam Windscreen	× 2
Furry Windscreen	× 1
3.5mm Camera Cable	× 1
3.5mm Smartphone Cable	× 1
Sticker Sets	× 1
Carrying Bag	× 1
User Manual	× 1

FAQ

Q1: Is it compatible with different devices?

A1: Yes. S20 is compatible with devices having 3.5mm microphone input jacks, such as DSLR camera / camcorder/ portable recorder / Windows or Mac OS PC / mobile phone / laptop. You can opt for 3.5mm TRS camera cable to connect DSLR camera / camcorder/-portable recorder / Windows or Mac PC. Or you can select 3.5mm TRRS mobile phone cable to plug into mobile phone/laptop. For iPhone 7 or version above, it required the 3.5mm to lightning dongle (not included).

Q2: Does S20 record in stereo or mono? Is it possible for the built-in microphone on the camera to record simultaneously with S20?

A2: Yes, it can record stereo by the following steps:

1. Plug the external microphone into the 3.5mm microphone input jack.
2. Toggle the "M" or "S" buttons to "S" (i.e. Stereo mode).
3. Turn on the recording device and record the stereo sound. When S20 was working, the built-in microphone on your camera didn't allowed to record in synchrony.

Q3: Do you think this better for vlogs, skits, and action video shots overall?

A3: For vlogs, skits, and action video shoots, S20 would be powerful for interviews or conversations with the dual cardioid microphone feature. Record in synchrony.

Warnings

a. Operation and storage conditions: Please keep the tools out of fire source, especially keep it away from temperature higher than 158°F (70°C) - or lower than -50°F (-10°C). Be cautious the required working temperature should between 32 ~ 113°F (0 ~ 45°C). Please keep it in dry, clean area, free from oil, water, or chemical liquid. Those measures will help the device maintain longer lifespans, also it will do great help to keep the dangerous situation far away.

b. The Child can only operate this device with the guidance of adults, please do not let them operate this device alone.

Specifications

Product Components	On-Camera Mic	Lavalier Mic
Dimensions	φ20 × 82mm	6.7ft
Materials	Aluminum alloy	TPE + PC
Polar Pattern	Cardioid	Cardioid
Microphone Type	Condenser	Condenser
Sensitivity	-38dB ± 3dB	-42 ± 3dB
Frequency Range	50Hz ~ 20kHz	50Hz ~ 20kHz
SNR	70dB	65dB
Input Jack	3.5mm	/
Output Jack	3.5mm	3.5mm

c.FCC statement: This device complies with Part 15B of the FCC rules. Operation is subject to the following two conditions:

- 1).This device may not cause harmful interface;
- 2).This device must accept any interference received, including interference that may cause undesired operation.

d.CE compliance: This device complies with EN 60065 standard, which means this device will not do harm to the user or products as following situations:

- 1.Electric shock
- 2) High temperature
- 3) Radiation
- 4) Explosion from inner
- 5) Mechanical Harm
- 6) Fire Hazard
- 7) Chemical burns.

e.EU Conformity Statement: This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30 / EU, the RoHS Directive 2011 / 65/EU and Amendment (EU) 2015 / 863.

f.WEEE Notice: 2012 / 19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

g.ROHS compliance: This product is in compliance with Directive 2011 / 65 / EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.