



Microphone Capsule Holder



nullroute

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Summary

Hold 10mm microphone capsules (AOM-5024, EM272, et al.), and allow a windscreen to be placed on top.

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This is a holder for 10mm microphone capsules (EM272, AOM-5024, et al.) that allows a cheap lapel mic windscreen to be placed on top.

Drill a 15/32 hole in your enclosure, then glue this in from the inside. Wire your microphone and insert from the outside. Then add some hot glue where the wire comes through. Put a cheap [lapel mic windscreen](#) on top. This creates a watertight, but replaceable microphone for an outdoor enclosure. I used it to create a self contained outdoor [BirdNet-Pi](#) unit.

There are two STLs, one being 24 mm tall, and the other 30mm.

They printed well for me with default Bambu Studio settings, PLA, .2mm layer height. No supports necessary.

Model files



mic_holder_24mm.stl



mic_holder_30mm.stl

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