

MAP THE PHONE DEMO FIRST

Understand the audio path before you choose any hardware.

Use the original ESP32 phone-call video as the reference. Treat this as a planning worksheet: the exact components, service requirements and wiring must come from the creator's documented setup.

Extract the system from the demo

1. Watch once for the user experience: how a call starts, how audio is handled and how the call ends.
2. Watch again for the components. Record the board, cellular or network hardware, power source and software bridge only when the creator identifies them.
3. Map the audio path in both directions. Mark every connection that is undocumented and needs confirmation.
4. Check account requirements, service costs and current compatibility from the linked creator documentation before buying parts.

Your system worksheet

Board and communication hardware: _____
Power source and documented requirements: _____
Audio input/output path: _____
Software bridge and account requirements: _____
Original code or wiring reference: _____
Unanswered question to resolve before building: _____

Test a controlled prototype

1. Use your own test calls with informed participants. Keep personal recordings out of shared logs.
2. Test disconnects, failed responses and the stop control. Verify the documented power and wiring before powering the build.

ORIGINAL RESOURCE

[Original phone-call demonstration by wrkr](https://www.youtube.com/watch?v=zIVXu6g8qdY)

<https://www.youtube.com/watch?v=zIVXu6g8qdY>

An independent companion by Huzaifa Shoukat. Check the original project for current setup and availability. Prepared 12 October 2026.