

FUNKYGENE

OBS STUDIO QUICK GUIDE

A practical pre-stream reference - enough to get you organized, tested, and confident without turning you into your own broadcast engineer.

THE GOAL

OBS should feel boring when you go live. Your scenes are ready, your audio is clean, your stream is stable, and you know where the important controls are.

1. BUILD OBS AROUND SCENES, NOT CHAOS

- **Scene 1 - Starting Soon:** logo, music if licensed, and a simple countdown.
- **Scene 2 - Main:** your primary camera/game/screen plus the audio sources you actually need.
- **Scene 3 - Alternate:** second camera, full-screen guest, screen share, or another useful angle.
- **Scene 4 - Break:** a clean 'Be Right Back' screen.
- **Scene 5 - Ending:** closing graphic and a clear end to the broadcast.

FUNKYGENE TIP: More scenes do not automatically make a better stream. Build the fewest scenes necessary to run the show smoothly.

2. AUDIO: CHECK THIS BEFORE THE PICTURE

What to check	What you want
Mic level	Strong, clear speech without the meter constantly hitting red.
Background audio	Low enough that voices remain easy to understand.
Unused microphones	Muted or removed. Open mics create problems fast.
Monitoring	Listen with headphones before the stream, not just by watching meters.

If the audience cannot understand the speaker, a beautiful camera image will not save the stream.

3. VIDEO: KEEP IT CONSISTENT

- Confirm every camera or capture device appears correctly before opening the stream.
- Match resolution and frame-rate choices intentionally instead of mixing random settings.
- Lock cameras and cables down so a small bump does not become a live emergency.
- Check framing, focus, exposure, white balance, and unwanted objects in the background.
- Record a short test and watch it back on another device.

4. INTERNET & STREAM HEALTH

- **Use wired Ethernet whenever practical.** Wi-Fi can work, but convenience is not the same as reliability.
- Run an upload test before the production and leave headroom instead of trying to use every bit of available bandwidth.
- Watch OBS for dropped frames and connection warnings during your test.
- If the stream matters, have a backup internet plan and know how you would switch to it.

DON'T COPY RANDOM 'BEST OBS SETTINGS.'

Bitrate, encoder, resolution and network choices depend on the platform, computer, connection and production. A setting that works perfectly for one system can make another system unstable.

5. THE 10-MINUTE PRE-STREAM TEST

1. Open OBS and confirm the correct profile and scene collection.
2. Check every camera/source.
3. Talk into every microphone and listen through headphones.
4. Play any video, music, guest feed or screen share you plan to use.
5. Confirm your destination/platform and stream information.
6. Start a private/unlisted test stream when the platform allows it.
7. Watch the test from a phone or second computer.
8. Look for dropped frames, audio sync issues, clipping or buffering.
9. Confirm local recording if the production needs a backup.
10. Only then move into the real broadcast.

6. SIMPLE TROUBLESHOOTING ORDER

No picture: Check power → cable → capture device → OBS source → camera output.

No audio: Check mute → input selection → meter movement → monitoring/output routing.

Stream stuttering: Check OBS stats → computer load → network stability → unnecessary sources/apps.

Audio/video out of sync: Do not start changing everything at once. Identify whether the delay is from the camera, capture path, audio path or network first.

WHAT THIS GUIDE DOESN'T REPLACE

A reliable production still requires system-specific decisions: encoder configuration, bitrate strategy, audio routing, redundancy, remote contribution, multi-camera synchronization, backup recording, network design, and a recovery plan. Those choices should be built around the actual equipment, location and type of stream.

WANT IT READY TO GO WITH ONE BUTTON?

FUNKYGENE can design the system, configure OBS, cameras, audio, lighting and connectivity, test the complete workflow, and walk you through your first stream. We can also provide Good / Better / Best equipment options and a future upgrade path.