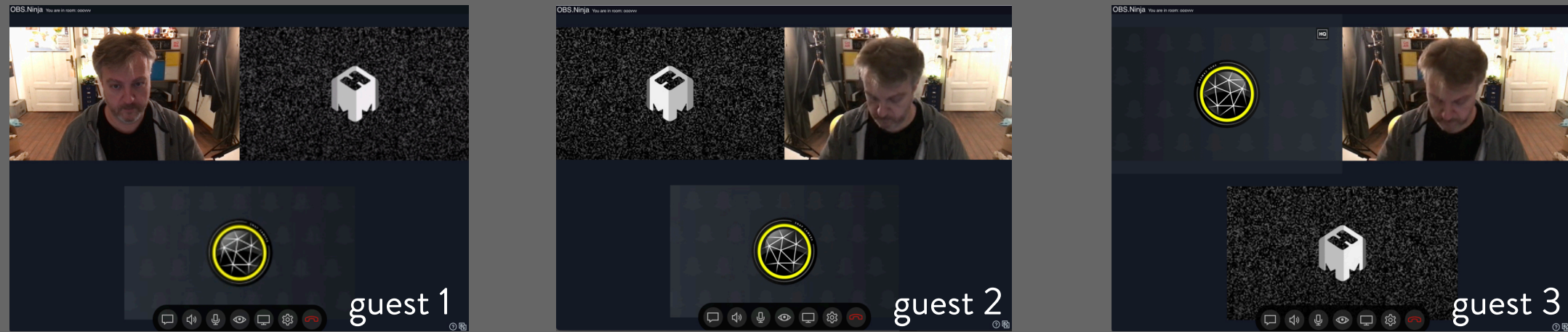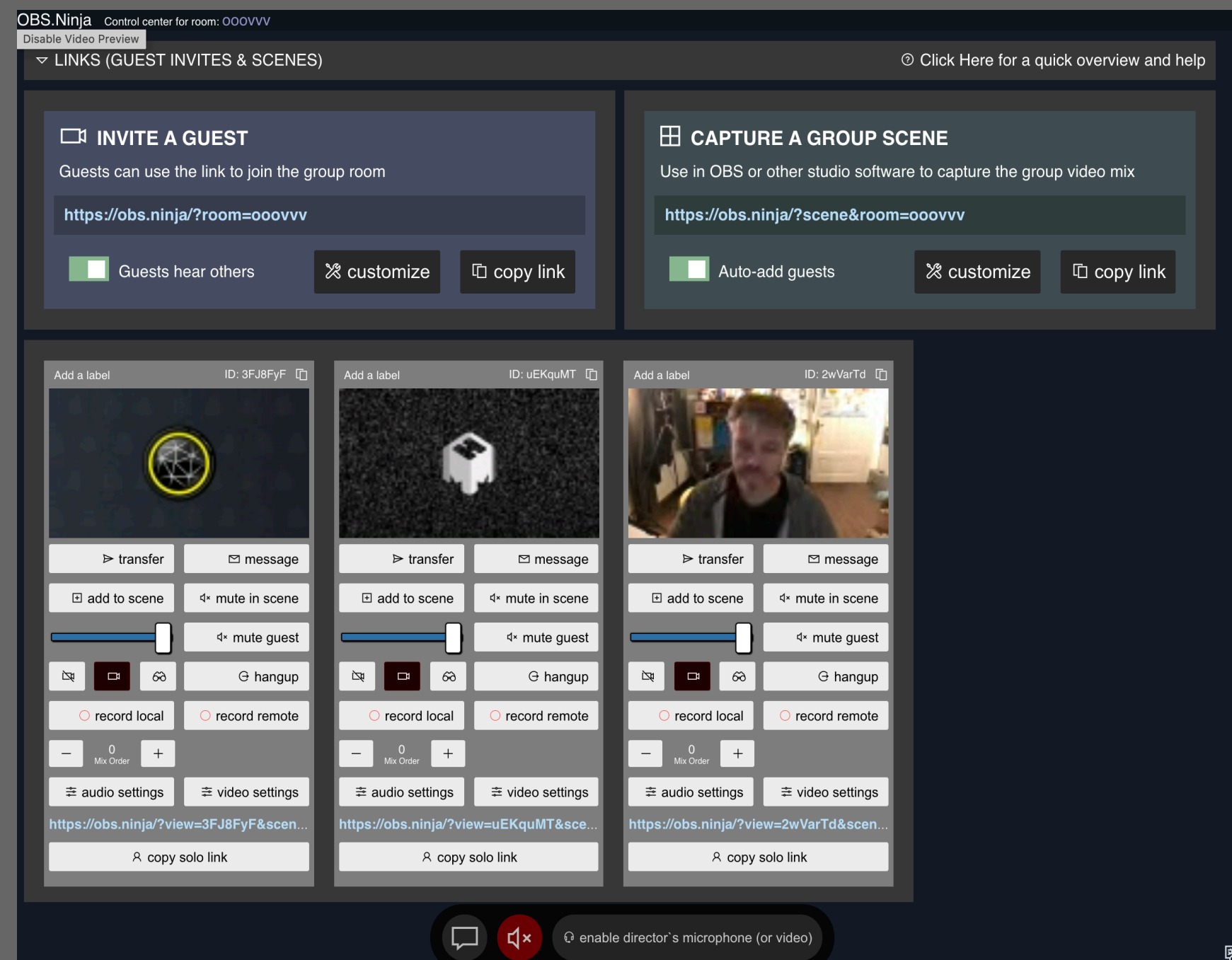# GROUP ROOM

guest 1   guest 2   guest 3

The group room is a place where guests can hear and see each other. Guests join the room with their camera or by sharing their screen. A room is automatically created when the first guest joins. No account is required for guests to join, just a link like this:

`https://obs.ninja/?room=<UniqueRoomID>`

Rooms can be configured in many ways. Configuration is done through parameters in the guests' invitation URLs. Possible number of guests in a room depends on resources.

SCENES & SOLO LINKS

Scenes are composed of videos of a group room's guests. Video and audio quality are good by default and can be configured in many ways. Scene links can be created manually or by using the configurator in the control center. There are several different pre-programmed scenes. Depending on the type of scene, all guests in a room will automatically be added or you can manually add guests from the control center.

Solo links show video from one single guest.

Scenes or solo links can be added to a video mixer such as OBS or vMix through a browser source or in cases where that is not supported by opening them in the specifically made OBS Ninja Electron Capture app, that can then be display captured instead.

Depending on available resources (CPU/GPU/network), video quality can exceed 1080p30 and audio quality reaches studio quality. Latency one way is typically below 1/2 second, often under 200ms.

Main site: obs.ninja
Guides: guides.obs.ninja
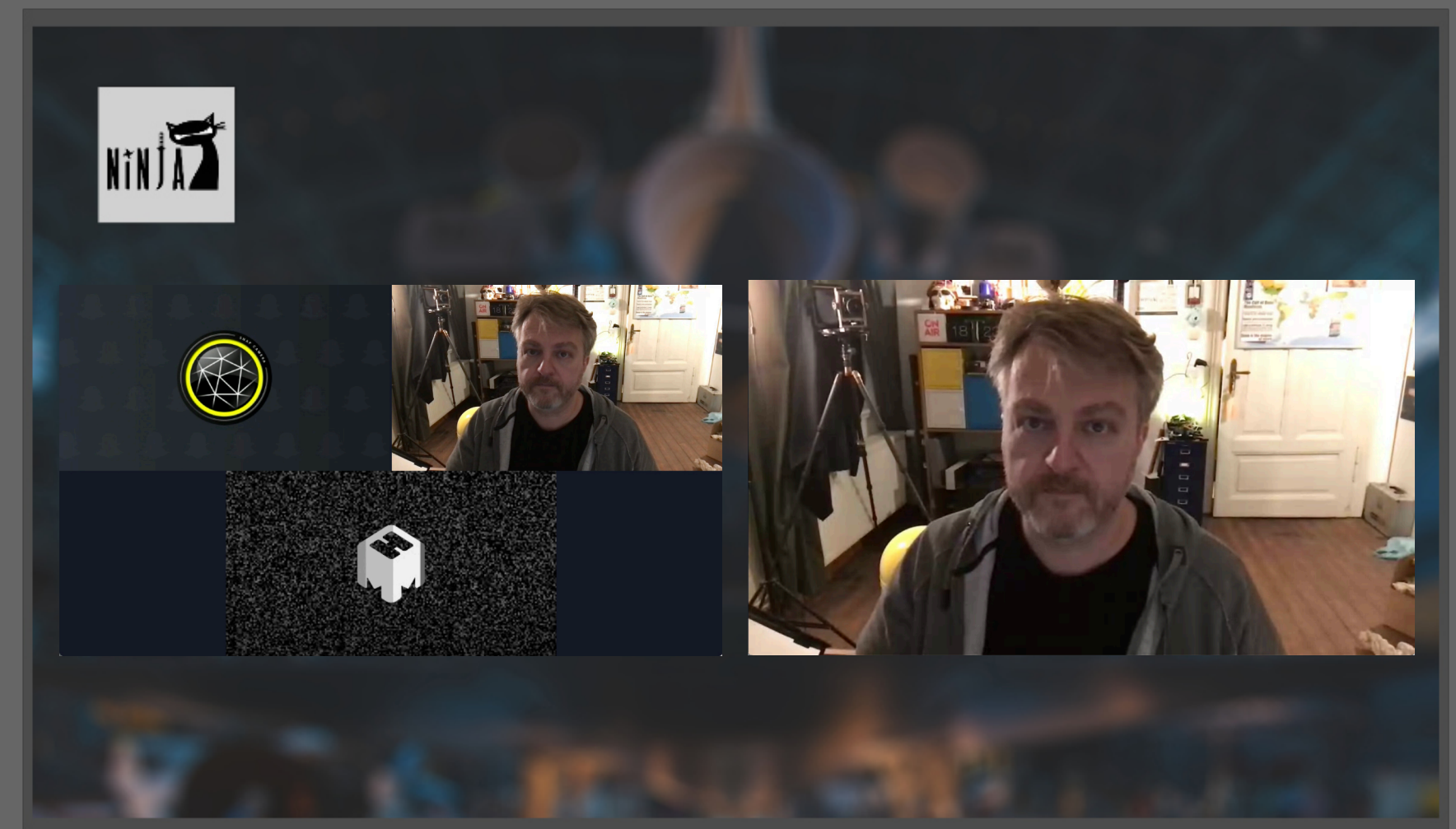Parameter reference: params.obs.ninja

CONTROL CENTER

The control center gives the director of a room access to several controls for the guests, such as mute/unmute, recording, sort order in scenes, audio and video settings. The director can send messages to the guests, talk to them or even send video to the group room. The control center even allows the director to transfer guests to other rooms. The control center allows for a simple way to customize and copy invitation links for the guets and configure and copy scene links for use in a video switcher like OBS or vMix.

Note: to only use the group chat, the control center is not required.