

Laptop Setup

1. Download and Install OBS. Link

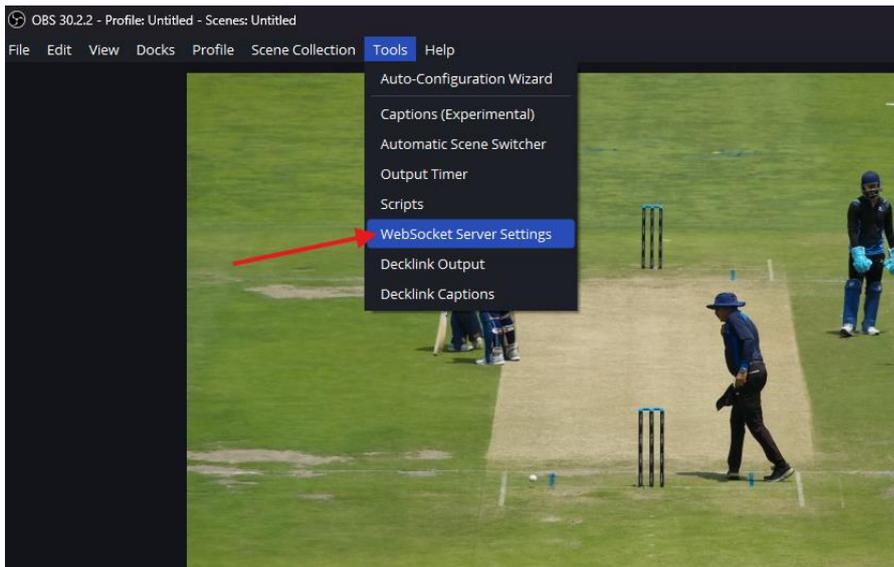
<https://cdn-fastly.obsproject.com/downloads/OBS-Studio-30.2.2-Windows-Installer.exe>

2. Setup OBS

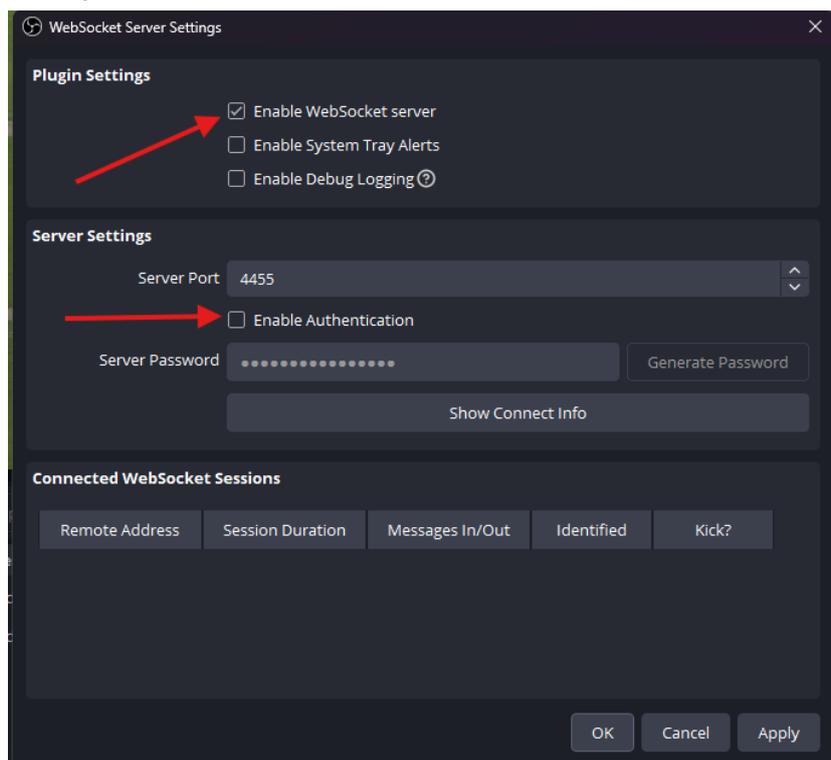
a. Go to Tools



b. Open “Web Socket Server Settings”



- c. Enable “Web Socket Server” (tick)
- d. Disable Authentication (Untick)
- e. And press ok

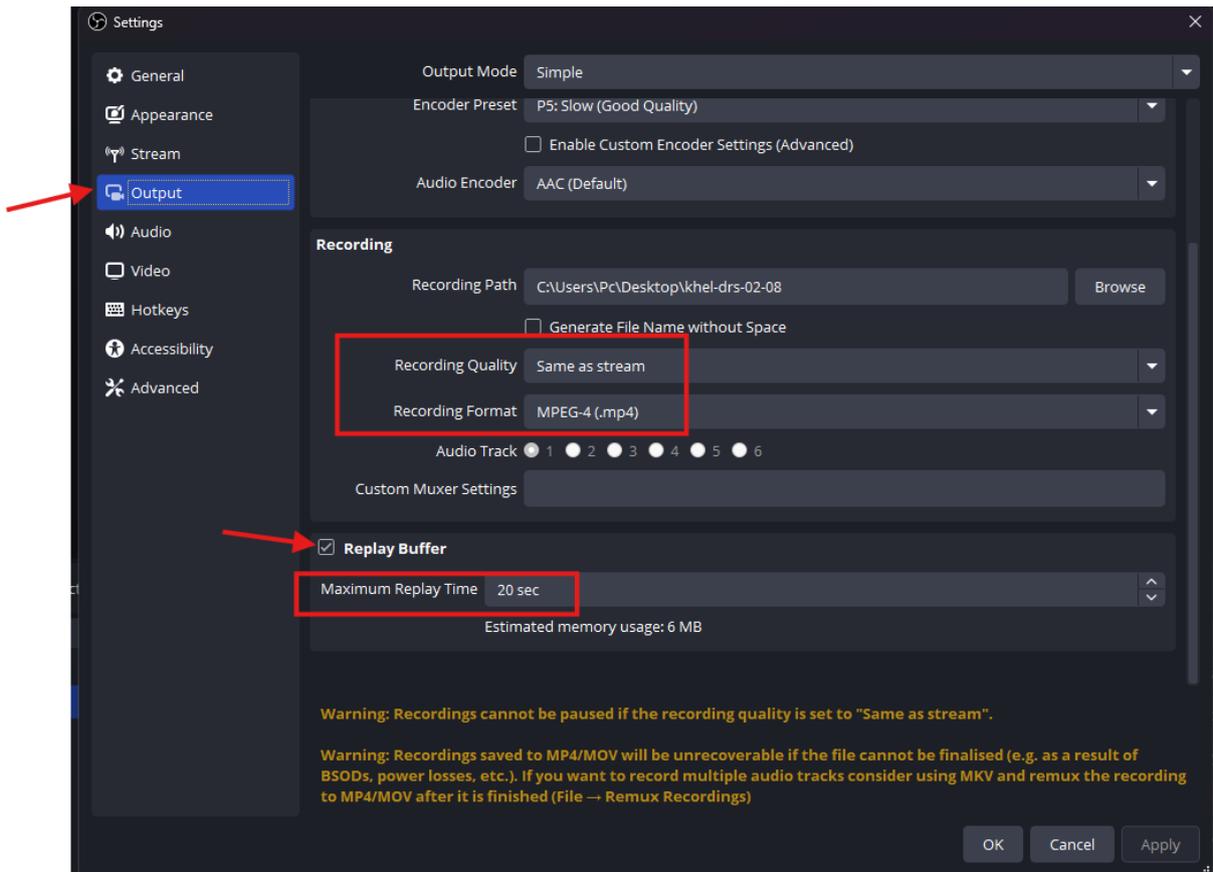


- f. Open Settings

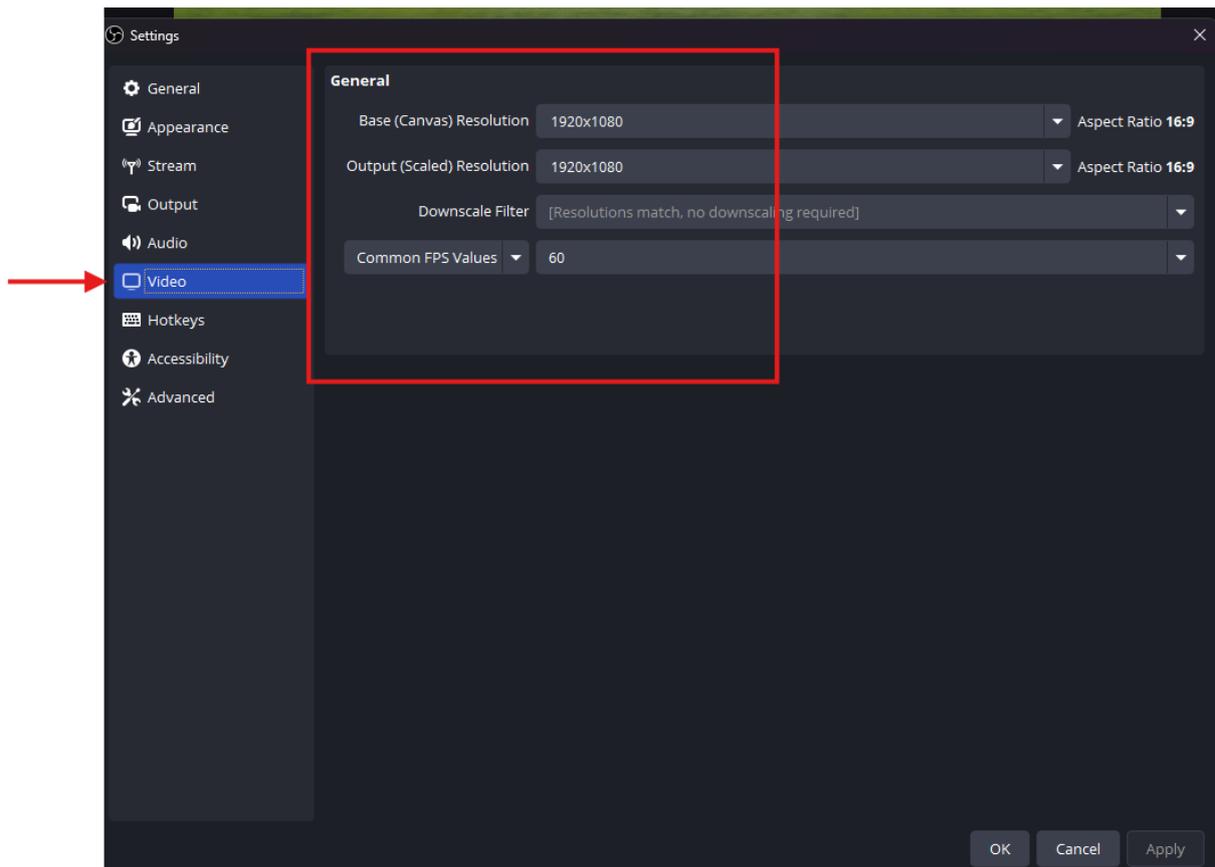
1



- g. Go to Output (from the sidebar)
 - i. Set Recording Quality: Same as Stream
 - ii. Recording Format: MPEG-4(.mp4)
 - iii. Enable Replay Buffer (Tick)
 - iv. Set Replay buffer duration (15 to 20 seconds) (this is the video clips duration)



- h. Go to Video from Sidebar
 - i. Set Base Canvas Resolution: 1920x1080
 - ii. Set Output Resolution: 1920x1080
 - iii. FPS value: 60
 - iv. Press Ok



OBS Setup is done

3. Download “Khel Sync (Windows-OBS)” and “Khel Media Server (Windows)” from <https://khel.ai/downloads/>
4. Make sure OBS is setup and running.
5. Open Khel Sync and Khel Media Server.

Khel Media server

```
C:\Users\Pa\Desktop\khel-me x + v - □ ×
8/3/2024 00:15:15 11152 [INFO] Node Media Server v2.7.0
8/3/2024 00:15:15 11152 [INFO] Node Media Rtmp Server started on port: 1935
8/3/2024 00:15:15 11152 [INFO] Node Media Http Server started on port: 8000
8/3/2024 00:15:15 11152 [INFO] Node Media WebSocket Server started on port: 8000
```

Khel Media server (above)

6. Note down the PC Ip address from Khel Sync.

```
C:\Users\Pa\Desktop\khel-sync-obs-v6.3(multithreading).exe
* Running on http://127.0.0.1:5001
* Running on http://192.168.1.7:5001
2024-08-03 00:16:03,615 - werkzeug - INFO - +[33mPress CTRL+C to quit+[0m
2024-08-03 00:16:03,615 - werkzeug - INFO - * Restarting with watchdog (windowsapi)
2024-08-03 00:16:04,130 - __main__ - INFO - Telegram Sender worker started.
Running as admin.
2024-08-03 00:16:04,130 - obsws_python.baseclient.ObsClient - INFO - Connecting with parameters: host='localhost' port=4
455 password='' subs=0 timeout=3
2024-08-03 00:16:04,144 - obsws_python.reqs.ReqClient - INFO - Successfully identified ReqClient with the server using R
PC version:1
OBS Version: 30.2.2
2024-08-03 00:16:04,145 - obsws_python.ba ...ting with parameters: host='localhost' port=4
455 password='' subs=0 timeout=3
2024-08-03 00:16:04,146 - obsws_python.re ... identified ReqClient with the server using R
PC version:1
OBS Recording Directory set to C:\Users\Pa
Connection Successful
2024-08-03 00:16:04,147 - obsws_python.ba ...ting with parameters: host='localhost' port=4
455 password='' subs=0 timeout=3
2024-08-03 00:16:04,158 - obsws_python.reqs.ReqClient - INFO - Successfully identified ReqClient with the server using R
PC version:1
2024-08-03 00:16:04,158 - obsws_python.reqs.ReqClient - ERROR - OBS SDK RequestError: Request StartReplayBuffer returned c
ode 500.
Traceback (most recent call last):
  File "obsws_python\reqs.py", line 53, in send
obsws_python.error.OBS SDK RequestError: Request StartReplayBuffer returned code 500.
Replay Buffer already running...
2024-08-03 00:16:04,161 - werkzeug - WARNING - * Debugger is active!
2024-08-03 00:16:04,162 - werkzeug - INFO - * Debugger PIN: 174-826-754
```

Local IP Address X
i Your local IP address is: 192.168.1.7
OK Cancel

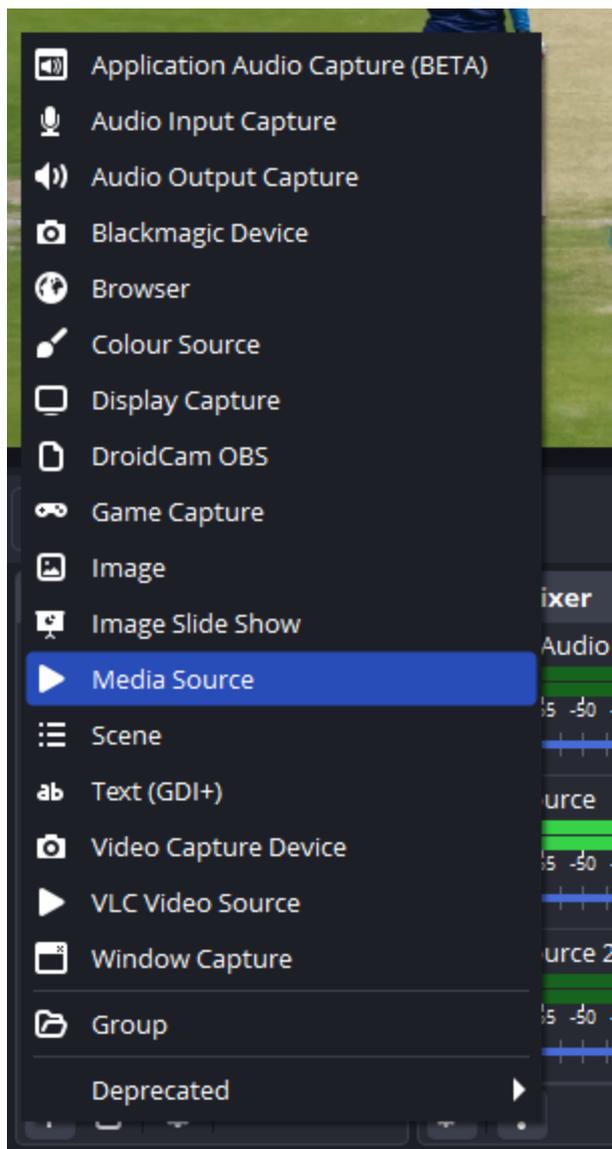
PC Setup is done

Adding Live feed to OBS

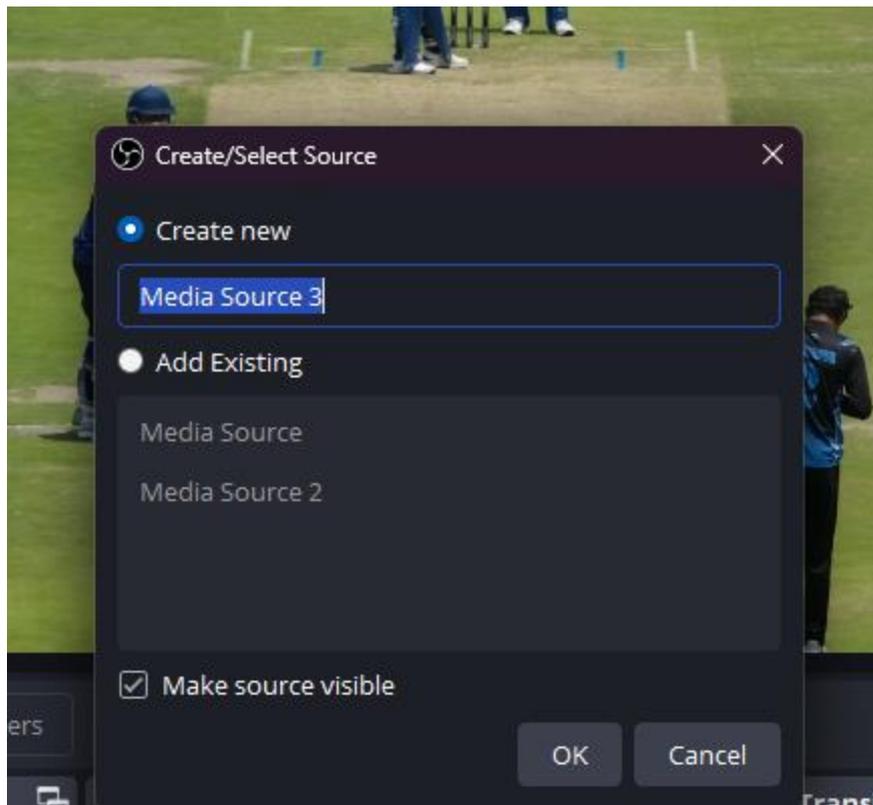
1. Click Add Input in OBS (+ button)



2. Select Media Source

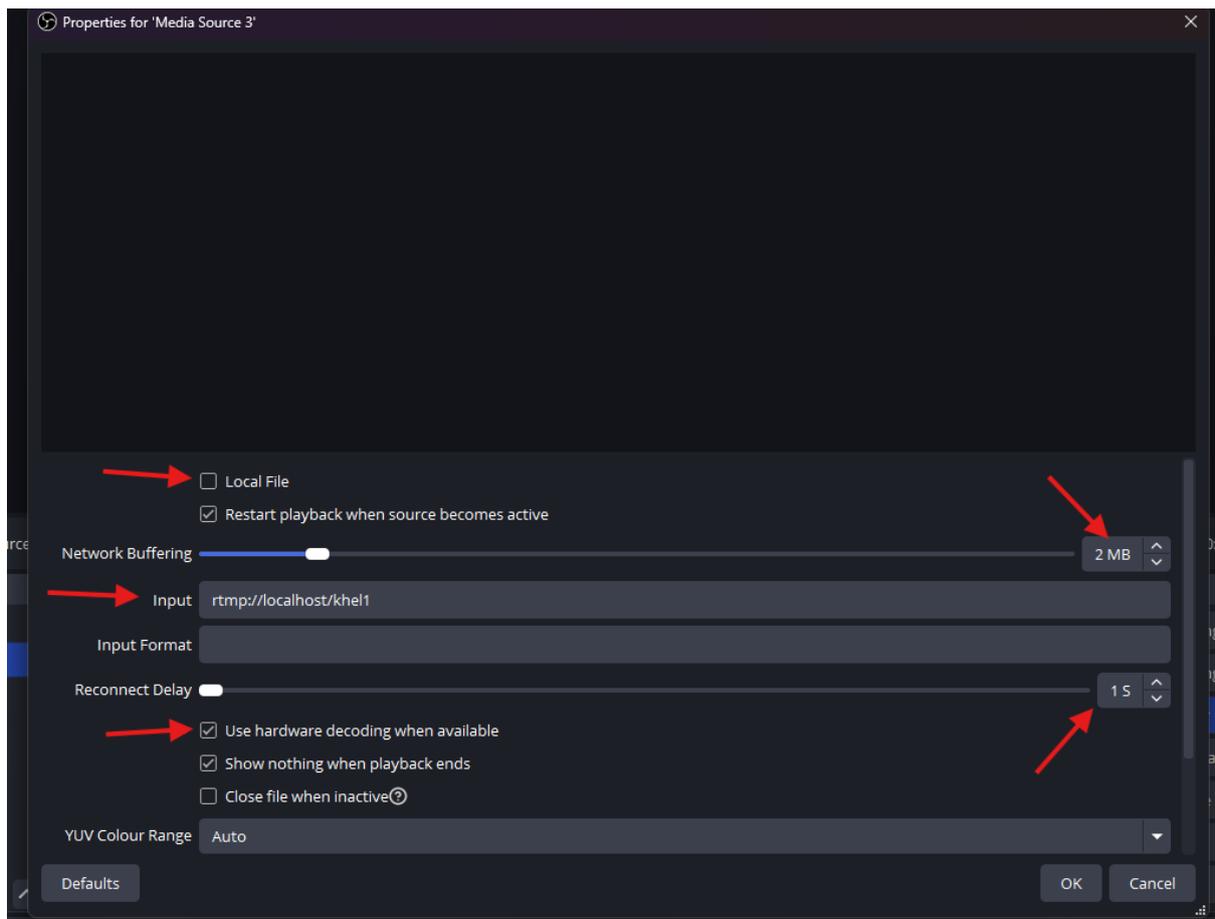


3. Press OK



4. Untick Local File

- a. Set Network Buffering to 2MB
- b. Add input url – `rtmp://localhost/khel1`
- c. *Here “khel1” is the Android stream key (if you put stream key as khel2 please put url as `rtmp:localhost/khel2`, etc.*
- d. Set Reconnect Delay to 1 sec
- e. Tick “Use hardware decoding”
- f. Press OK
- g. You should see the feed from the Android Camera (If android camera setup is DONE)



Android Camera Setup:

1. Connect Android and PC on the same WIFI network
2. Open Khel Android App
3. Go to Live Streaming
4. Enter IP address of the PC (from here)

```
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Traceback (most recent call last):
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```

5. Enter Stream Key: khel1 / khel2 / khel3 / ...etc
6. If there are 2 android phone for camera. Please use different stream key for each phone.
7. Make sure Khel media server is open on the PC
8. Click Connect.
9. It should connect to server.
10. Setup OBS and you'll get live feeds there.

Android Khel Marker Setup (Marking Six, Four, etc)

1. Connect Android and PC on the same WIFI network
2. Open Khel Android App
3. Go to Connect to PC
4. Enter IP address of the PC (from here)

```
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2024-08-03 00:16:04,158 - obs_python.reqs.ReqClient - ERROR - OBSSDKRequestError: Request StartReplayBuffer returned c
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Traceback (most recent call last):
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obs_python.error.OBSSDKRequestError: Request StartReplayBuffer returned code 500.
Replay Buffer already running...
2024-08-03 00:16:04,161 - werkzeug - WARNING - * Debugger is active!
2024-08-03 00:16:04,162 - werkzeug - INFO - * Debugger PIN: 174-826-754
```

5. Click Connect
6. Once Connected, you can LONG PRESS Six, Four, Wicket, etc buttons to mark it.
7. All the Marked Videos will be sent to “khelai” Telegram Channel.
8. And Stored on the PC running the server (on desktop)