

RemoteAccess – File & Microphone Commands

Quick Prep

```
cd C:\Users\ADMIN\Documents\remote-app\RemoteServer
. .\ra-shell.ps1      # load the functions
ra-status              # see connected device IDs
ra-connect             # pick your device (or pass the ID: ra-connect <id>)

adb reverse tcp:8080 tcp:8080
adb reverse tcp:8081 tcp:8081
adb reverse --list
```

File Actions

```
# Explore & Navigate
ra-pwd
ra-cd "DCIM"
ra-ls
ra-roots

# Read / Download
ra-cat "notes/todo.txt"
rget "Download/report.pdf"

# Create / Upload / Write
mkdir "RemoteAccess/Recordings"
ra-write "Notes/meeting.txt" "action items"
rput "C:\Users\Admin\Desktop\logo.png" "Pictures/"

# Delete
ra-rm "RemoteAccess/Recordings/test.m4a"
rmdir "Download/OldStuff" -Recursive

# Pull folders
ra-getdir "/sdcard/DCIM/Camera" "C:\Dump\Camera" -SkipAndroid
ra-getall-storage "C:\Dump\All" -SkipAndroid
```

Mic Actions

```
# Streaming (with auto-open monitor)
ra-mic-start-stream
ra-mic-stop-stream

# Recording on device
ra-mic-start-record -Filename "note.m4a" -Seconds 10
ra-mic-stop-record

# Retrieve recordings
rget "/storage/emulated/0/RemoteAccess/Recordings/note.m4a"
ra-rm "/storage/emulated/0/RemoteAccess/Recordings/note.m4a"
rmdir "/storage/emulated/0/RemoteAccess/Recordings" -Recursive
```

Typical Workflows

```
# A) Live listen (ADB dev)
adb reverse tcp:8080 tcp:8080
adb reverse tcp:8081 tcp:8081
. .\ra-shell.ps1
ra-connect
ra-mic-start-stream
ra-mic-stop-stream

# B) Record quick note
ra-mic-start-record -Filename "quick.m4a" -Seconds 5
```

```
ra-mic-stop-record  
rget "/storage/emulated/0/RemoteAccess/Recordings/quick.m4a"  
  
# C) File grab  
ra-cd "Download"  
ra-ls  
rget "Invoice.pdf"
```

Monitor.html Usefulness

- Zero-install: open in browser on laptop/phone.
- Great for demos & debugging.
- Always keep as fallback.

Local dev: <http://localhost:8081/monitor.html>
Render: <https://<your-audio>.onrender.com/monitor.html>