YAMAHA RECEIVER

SEVENHUGS

By: Julien Saito

YAMAHA

A VERY POWERFUL DEVICE

RX-V473
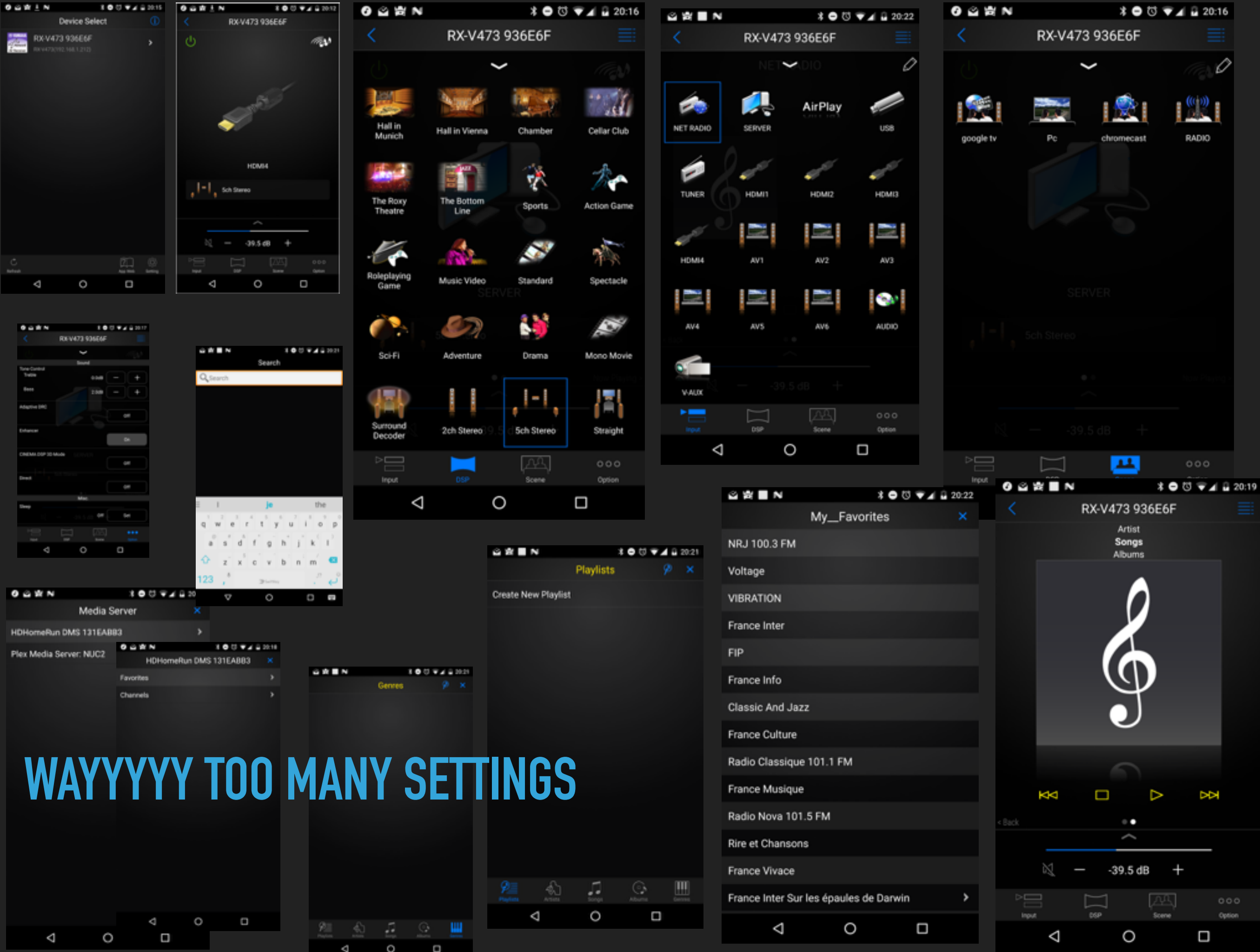
Connects to your TV, BluRay player, PC, Stream from Phone, DLNA server, IPOD, USB device etc...

TOO MANY SETTINGS :

‣ HDMI 1,2,3,4,

‣ Audio Video 1,2,3,4,5,6

‣ USB, V-AUX, NET, TUNER
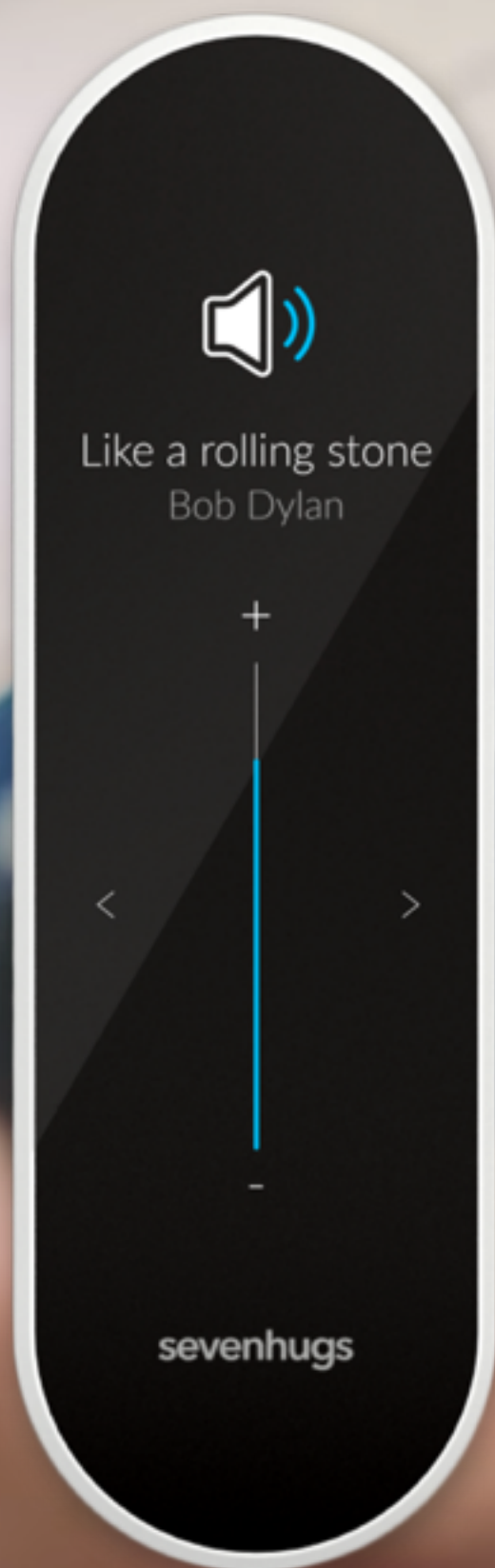
‣ 15+ DSP settings,

‣ and many more options...

RX-V473

WAYYYYY TOO MANY SETTINGS

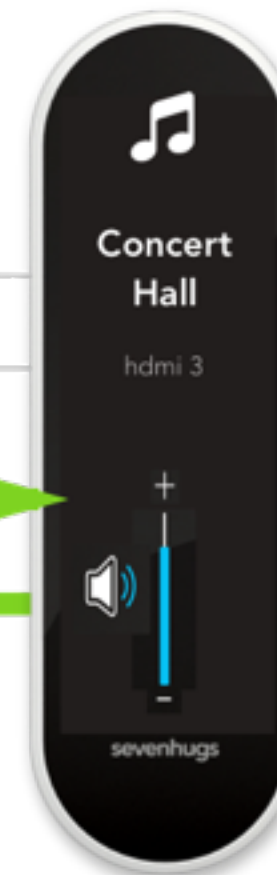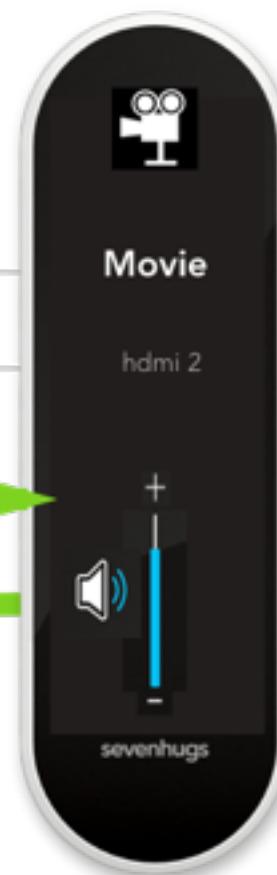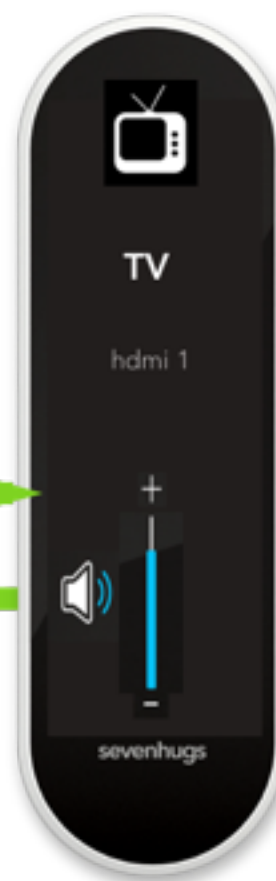# ALL YOU NEED IS REALLY

▸ Power

▸ presets 1 to 4

▸ volume

SEVENHUGS SMARTREMOTE

TO THE RESCUE!

Turns on simply by pointing at the receiver
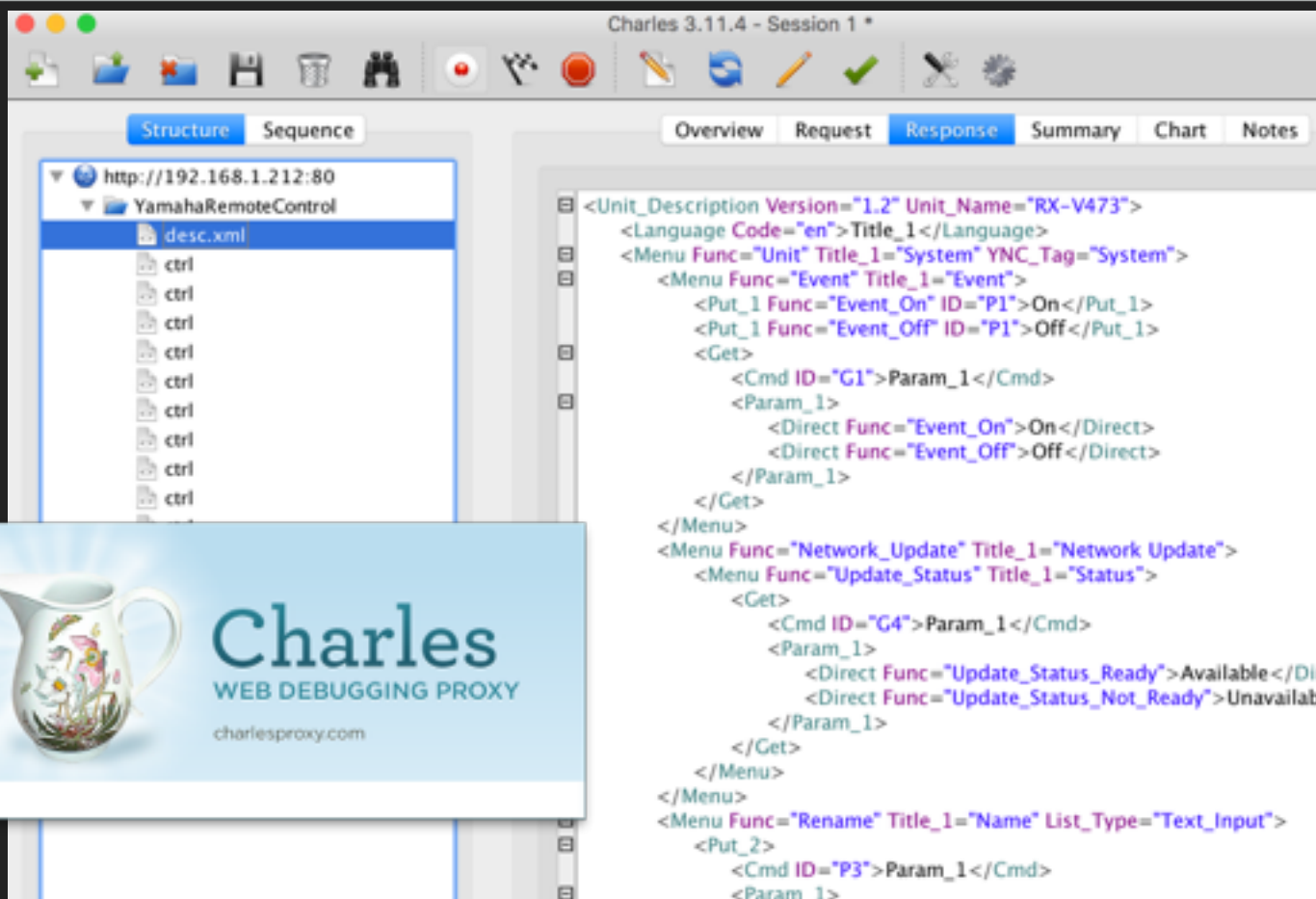
Swipe up/down between bookmarked Radios

Swipe left/right between Presets

TV

hdmi 1

Movie

hdmi 2

Concert Hall

hdmi 3

Dsp effects

Inputs

SOME HACKING

1. SNIFF HTTP REQUEST USING CHARLES AND THE PHONE APPLICATION

2. EXTRACT XML REQUEST AND RESPONSES

3. IMPLEMENT IN LUA WITH SMARTREMOTE SDK

QUESTIONS?

ex:

Q: proof that it actually works?

A: I made a boring shaky video, check it on youtube