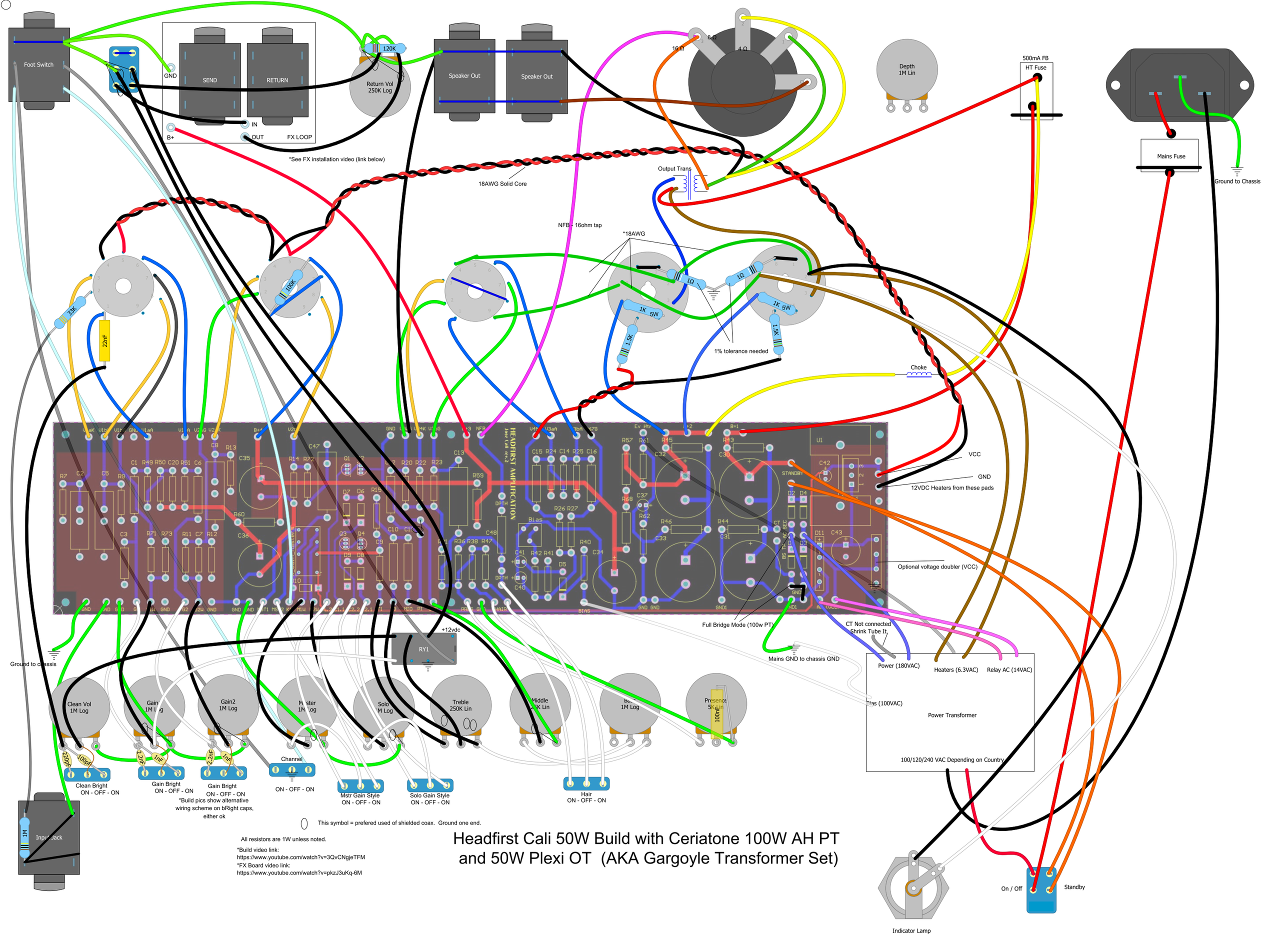
Foot Switch
GND
SEND
RETURN
IN
OUT
FX LOOP
B+
120K
Return Vol
250K Log
*See FX installation video (link below)
Speaker Out
Speaker Out
16 Ω
8 Ω
4 Ω
Depth
1M Lin
500mA FB
HT Fuse
Mains Fuse
Ground to Chassis
18AWG Solid Core
Output Trans
NFB - 16ohm tap
*18AWG
1Ω
1Ω
1K 5W
1K 5W
1.5K
1.5K
1% tolerance needed
Choke
33K
22nF
100K
VCC
GND
12VDC Heaters from these pads
Optional voltage doubler (VCC)
Full Bridge Mode (100w PT)
CT Not connected
Shrink Tube It
Mains GND to chassis GND
Ground to chassis
+12vdc
RY1
Clean Vol
1M Log
Gain
1M Log
Gain2
1M Log
Master
1M Log
Solo
1M Log
Treble
250K Lin
Middle
250K Lin
Bass
1M Log
Presence
50K Lin
100nF
220pF
100pF
2.2nF
1nF
2.2nF
1nF
Clean Bright
ON - OFF - ON
Gain Bright
ON - OFF - ON
Gain Bright
ON - OFF - ON
*Build pics show alternative
wiring scheme on bRight caps,
either ok
Channel
ON - OFF - ON
Mstr Gain Style
ON - OFF - ON
Solo Gain Style
ON - OFF - ON
Hair
ON - OFF - ON
Input Jack
1M
Power (180VAC)
Heaters (6.3VAC)
Relay AC (14VAC)
Bias (100VAC)
Power Transformer
100/120/240 VAC Depending on Country
Indicator Lamp
On / Off
Standby
This symbol = prefered used of shielded coax. Ground one end.
All resistors are 1W unless noted.
*Build video link:
https://www.youtube.com/watch?v=3QvCNgjeTFM
*FX Board video link:
https://www.youtube.com/watch?v=pkzJ3uKq-6M
Headfirst Cali 50W Build with Ceriatone 100W AH PT
and 50W Plexi OT (AKA Gargoyle Transformer Set)